

# I.B.U.

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Schienenverkehrstechnik GmbH

engineers for vibration, noise  
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**Objekt:** Umbaumaßnahme Haltestellen  
Hauptstraße in Brackwede

**Titel:** Schwingungs- und Schalltechnische  
Untersuchung  
Teil 2: Beweissicherungsmessung

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## 1 AUFGABENSTELLUNG

Die moBiel GmbH plant den Umbau der Haltestellen in der Hauptstraße in Bielefeld-Brackwede.

In diesem Zusammenhang werden die Gleisanlagen in Teilbereichen in ihrer Lage verändert. Dies beeinflusst die von der Stadtbahn ausgehenden Schwingungs- und Schallemissionen. Im Rahmen des anstehenden Genehmigungsverfahrens sind entsprechend den rechtlichen Regelungen eine Schalltechnische Untersuchung sowie eine ergänzende Schwingungstechnische Untersuchung durchzuführen.

Im Rahmen der Schwingungstechnischen Untersuchung waren Beweissicherungsmessungen in ausgewählten Anliegergebäuden durchzuführen. Die Ergebnisse dieser Messungen sind im vorliegenden Bericht zusammengefasst.

Der Gesamtbericht besteht noch aus folgenden zwei weiteren Teilen:

Teil 1: Prognose der Schallimmissionen

Teil 3: Prognose der Schwingungsimmissionen

Die I.B.U. GmbH wurde damit beauftragt, eine Beweissicherungsmessung durchzuführen. Im vorliegenden Bericht sind die entsprechenden Immissionskennwerte sowie die zugehörigen Messabläufe beschrieben. Auf Basis der zusammengestellten Messergebnisse erfolgt in Teil 3 die Prognose der nach Umbau zu erwartenden Immissionen.

## 2 IMMISSIONSKENNWERTE

### 2.1 Erschütterungen

Als Erschütterungen werden Schwingungen bezeichnet, die sich mit Frequenzen zwischen 1 Hz und 80 Hz in festen Medien (Erdreich, Gebäude) ausbreiten. Die mit Schwingungsaufnehmern (Geofonen) direkt messbaren Erschütterungssignale sind die *Schwinggeschwindigkeit*  $v(t)$  [mm/s] und die *Erregerfrequenz*  $f_e$  [Hz] des angeregten Mediums. Der zeitliche Verlauf von  $v$  [mm/s] wird in Schwingungsschrieben dargestellt, aus ihnen wird die je Ereignis auftretende *maximale Schwinggeschwindigkeit*  $\hat{v}_i$  [mm/s] direkt abgelesen. Die zugehörige *Erregerfrequenz*  $f_e$  [Hz] wird mit einer Schmalbandfrequenzanalyse ermittelt. Aus allen erfassten Ereignissen wird ein (quadratisch gemittelter) *mittlerer Maximalwert*  $\hat{v}_m$  [mm/s] der Schwinggeschwindigkeit nach folgender Funktion berechnet:

$$\hat{v}_m = \sqrt{\frac{1}{N} \sum_{i=1}^N \hat{v}_i^2} \text{ [mm/s]} \quad (1)$$

$\hat{v}_i$  [mm/s]: maximale Schwinggeschwindigkeit je Ereignis  $i$

N: Anzahl der Ereignisse  $i$

Aus dem unbewerteten Erschütterungssignal  $v(t)$  kann durch eine Frequenzbewertung die *bewertete Schwingstärke*  $KB_F(t)$  berechnet werden, aus der sich die für die Beurteilung der Erschütterungseinwirkung auf Menschen in Gebäuden maßgebenden Immissionsgrößen ergeben. Es handelt sich dabei um die *maximale bewertete Schwingstärke*  $KB_{Fmax}$  (Maximalwert von  $KB_F(t)$  im Messzeitraum) sowie die *Beurteilungs-Schwingstärke*  $KB_{FTr}$  (Mittelwert im Beurteilungszeitraum) in der Definition nach DIN 4150, Teil 2, von Juni 99 -Erschütterungen im Bauwesen, Einwirkung auf Menschen in Gebäuden.

Um diese Werte zu erhalten werden die folgenden Größen benötigt:

Taktmaximalwert  $KB_{FTi}$ : höchster Wert während eines Ereignisses  $i$

Taktmaximal-Effektivwert  $KB_{FTm}$ : quadratischer Mittelwert von  $KB_{FTi}$  für alle Ereignisse  $N$

$$KB_{FTm} = \sqrt{\frac{1}{N} \sum_{i=1}^N KB_{FTi}^2} \quad (2)$$

$KB_{FTi}$ : Taktmaximalwert je Ereignis  $i$

N: Anzahl der Ereignisse  $i$

Im vorliegenden Messbericht werden die über alle Ereignisse  $N$  ermittelten Größen  $\hat{v}_i$  (minimal / maximal auftretender Wert  $\hat{v}_{i,min}$ ,  $\hat{v}_{i,max}$ ),  $\hat{v}_m$ ,  $KB_{FTi}$  (minimal / maximal auftretender Wert  $KB_{FTi,min}$  /  $KB_{FTi,max}$ ) und  $KB_{FTm}$  ausgewiesen. Es sind reine Messwerte bzw. Werte, die sich direkt aus den Messwerten ergeben.

Mit diesen Werten können für die Bestandssituation  $KB_{Fmax}$  und  $KB_{FTr}$  ermittelt und anhand von Anhaltswerten bewertet werden. Die vorliegenden Größen sind zudem geeignet, die Immissionssituation vor und nach einem Umbau anhand einer Vergleichsmessung zu beurteilen. Aus ihnen lassen sich außerdem - unter Berücksichtigung situationsbedingter Faktoren - Prognosewerte ermitteln, die es ermöglichen, die Immissionen für eine Planungssituation einzuschätzen.

## 2.2 Körperschall

Als Körperschall werden Schwingungen bezeichnet, die sich mit Frequenzen im Hörbereich in festen Medien (Erdreich, Gebäude) ausbreiten. Bei der Körperschallanregung durch Schienenverkehr sind in der Regel nur Erregerfrequenzen zwischen etwa 10 und 125 Hz maßgebend. Um alle möglicherweise auftretenden Erregerspektren zu erfassen, wird im vorliegenden Messbericht der Frequenzbereich 5 Hz bis 400 Hz berücksichtigt.

Die innerhalb von Gebäuden messbaren Körperschallsignale sind die *Schwinggeschwindigkeit*  $v$  [mm/s], der *Schalldruck*  $p$  [N/m<sup>2</sup>] und die *Erregerfrequenz*  $f_e$  [Hz] des angeregten Mediums. Die zugehörigen *Pegel*  $L_v$  [dB] und  $L_p$  [dB] werden als *Körperschall-Schwingschnellepegel*  $L_v$  und *Körperschall-Schalldruckpegel*  $L_p$  (sekundärer Luftschall) in logarithmischer Form ausgedrückt:

$$L_v = 20 \cdot \log \frac{v}{v_0} \text{ [dB]} \quad (3)$$

$$L_p = 20 \cdot \log \frac{p}{p_0} \text{ [dB(A)]} \quad (4)$$

$v$  [mm/s]: Effektivwert der Schwingschnelle  
 $v_0 = 5 \cdot 10^{-5}$  mm/s : Bezugsschwingschnelle

$p$  [N/m<sup>2</sup>]: Effektivwert des Schalldrucks  
 $p_0 = 2 \cdot 10^{-5}$  N/m<sup>2</sup> : Bezugsschalldruck

Durch Frequenzanalyse werden die Körperschallpegel je Terzmittenfrequenz nach den Funktionen (3) und (4) im Bereich zwischen 5 Hz und 400 Hz ermittelt. Dabei interessiert der während einer Vorbeifahrt je Frequenz auftretende Maximalpegel (Max Hold - Pegel), er wird in Diagrammen als lineares Minimal- und Maximalspektrum sowie als energetisches Mittelungsspektrum über alle Ereignisse gemeinsam dargestellt.

Der spektrale *Mittelungspegel*  $L_{vm}(f_T)$  [dB] und  $L_{pm}(f_T)$  [dB] über die Anzahl der Ereignisse werden nach folgender Formel (energetische Mittelung) berechnet:

$$L_{v,p,m} = 10 \cdot \log \frac{1}{N} \sum_{i=1}^N 10^{0,1 \cdot L_{v,p,i}} \text{ [dB]} \quad (5)$$

$L_{v,i}$  [dB]: Körperschall-Schwingschnellepegel  $L_v$  je Ereignis  $i$  und Terzmittenfrequenz

$L_{p,i}$  [dB]: Körperschall-Schalldruckpegel  $L_p$  je Ereignis  $i$  und Terzmittenfrequenz

$N$ : Anzahl der Ereignisse  $i$

Der lineare Schalldruckpegel wird dem menschlichen Hörvermögen durch die A-Bewertung (nach DIN 45 633) angepasst und in dB(A) ausgewiesen. Dabei wird berücksichtigt, dass Menschen verschiedene Frequenzen besser oder schlechter wahrnehmen können. Es werden je Terzmittenfrequenz festgelegte Werte zum erfassten Pegel addiert oder von ihm subtrahiert.

Die für jedes Ereignis ausgewiesenen *spektralen Summenpegel*  $L_v$  [dB] und  $L_p$  [dB(A)] ergeben sich aus der logarithmischen Addition der mittleren Einzelpegel je Terzmittenfrequenz:

$$L_v = 10 \cdot \log \sum_{f_{Tu}}^{f_{To}} 10^{0,1 \cdot L_{v,T}} \text{ [dB]} \quad (6) \quad L_p = 10 \cdot \log \sum_{f_{Tu}}^{f_{To}} 10^{0,1 \cdot (L_{p,T} - K_A)} \text{ [dB]} \quad (7)$$

$f_{Tu}$  [Hz]: unterste zu berücksichtigende Terzmittenfrequenz

$f_{To}$  [Hz]: oberste zu berücksichtigende Terzmittenfrequenz

$L_{v,p,T}$  [dB, dB(A)]: Pegel der jeweiligen Terzmittenfrequenz

$K_A$ : A-Bewertung nach DIN 45 633

Die entsprechenden *mittleren spektralen Summenpegel*  $L_{vm}$  und  $L_{pm}$  über alle Ereignisse ergeben sich analog der Gleichung (5).

Im vorliegenden Messbericht werden die spektralen Summenpegel  $L_{v,i}$  und  $L_{p,i}$  als minimal und maximal auftretende Werte sowie ein mittlerer Summenpegel  $L_{vm}$  und  $L_{pm}$  ausgewiesen, sie errechnen sich direkt aus den ermittelten Max-Hold-Terzspektren. Es erfolgt keine Beurteilung der Immissionen, die Werte dienen als Basis für Vergleichs- oder Prognosebetrachtungen.

### 3 MESSTECHNISCHE DURCHFÜHRUNG

#### 3.1 Messgeräte

Für die Schall- und Schwingungsmessung wurden folgende Mess- und Auswertegeräte eingesetzt:

- Kondensatormikrofone, Fabr. Microtech Gefell MV210 / MM250
- elektrodynamische Schwingungsaufnehmer (Geofone), Fabr. Western-Data, Typ SM6
- Universalmessgerät CRONOS-flex, Fabr. imc
- Auswertesoftware FAMOS, Fabr. imc

Die Messgeräte werden regelmäßig entsprechend den einschlägigen Normen vom DKD-Kalibrierlaboratorium SPEKTRA Schwingungstechnik und Akustik GmbH, Dresden, überprüft und kalibriert.

#### 3.2 Messzeiten / Messorte (MO)

Die Messungen wurden chronologisch wie folgt durchgeführt:

MO 1 (Hauptstraße 155)

am 30.01.2017 zwischen 14:15 Uhr und 17:15 Uhr

MO 2 (Hauptstraße 27)

am 31.01.2017 zwischen 10:00 Uhr und 13:00 Uhr

MO 3 (Hauptstraße 74)

am 31.01.2017 zwischen 14:30 Uhr und 17:10 Uhr

MO 4 (Hauptstraße 112)

am 01.02.2017 zwischen 09:40 Uhr und 12:30 Uhr

MO 5 (Hauptstraße 144)

am 01.02.2017 zwischen 13:40 Uhr und 16:40 Uhr

MO 6 (Hauptstraße 31/33)

am 02.02.2017 zwischen 09:30 Uhr und 12:50 Uhr

3.3 Messpunkte

In den Messorten wurden nach messtechnischen Anforderungen im Rahmen der Möglichkeiten vor Ort folgende Messpunkte (MP) festgelegt:

MO 1: Hauptstraße 155

MP 1: KG-Heizungsraum, trassenzugewandt

MP 2.1: EG-Ladenlokal, von außen gesehen links im Gebäude, trassenzugewandt

MP 3.1: 1. OG – Kinderzimmer, von außen gesehen rechts vorn im Gebäude, trassenzugewandt.

MP 3.2: 1. OG – Schlafzimmer, von außen gesehen seitlich rechts im Gebäude, trassenabgewandt.

MO 2: Hauptstraße 27

MP 1: EG – von außen gesehen an der Säule links vom Eingang, trassenzugewandt

MP 2.1: EG – im Wintergarten, in der vorderen linken Ecke neben der Säule, trassenzugewandt

MO 3: Hauptstraße 74

MP 1: KG – Raum mit Pumpensumpf, trassenzugewandt

MP 2.1: EG – Ladenlokal, rechts vor den Tresen, trassenzugewandt

MP 3.1: 1. OG – Wohnzimmer, trassenzugewandt

MP 3.2: 2. OG – Schlafzimmer, trassenabgewandt

MO 4: Hauptstraße 112

MP 1: KG – 3. Kellerraum, von innen gesehen, trassenzugewandt

MP 2.1: EG – Frisierraum, von außen gesehen ganz links im Gebäude, trassenzugewandt

MP 3.1: 1. OG – Schlafzimmer, trassenzugewandt

MP 3.2: 1. OG – Esszimmer, trassenabgewandt

MO 5: Hauptstraße 144

MP 1: KG – Heizungsraum in Gebäudemitte, trassenzugewandt

- MP 2.1: EG – Ladenlokal, trassenzugewandt  
MP 3.1: 1. OG – linkes Wohnzimmer, von innen gesehen, trassenzugewandt  
MP 3.2 1. OG – Schlafzimmer, trassenabgewandt

MO 6: Hauptstraße 31/33

- MP 1: EG – Messpunkt auf dem Treppenpodest der Außentreppe in der vorderen rechten Ecke (Kellerersatzmesspunkt, da Keller nicht zugänglich)  
MP 2.1: EG – Büro, Raum 10, trassenzugewandt  
MP 2.2: EG – Materiallager, Raum 14, trassenabgewandt

Das Obergeschoss war zur Messzeit für das Messpersonal nicht zugänglich.

In allen Messpunkten wurden die Erschütterungssignale durch Geofone in vertikaler Messrichtung erfasst.

In den Messpunkten MP3.2 wurden neben Schwingungsmessungen auch Schallpegelmessungen (Mikro auf Stativ in 1,2 m Höhe) durchgeführt.

Die örtliche Situation mit Kennzeichnung der Messorte ist dem Lageplan der Anlage-Nr. 1.1 – 1.9 zu entnehmen. Auf den Fotos der Anlagen-Nr. 1.10 – 1.23 ist die Anordnung der Messpunkte zu sehen.

### 3.4 Zuordnung der Fahrtrichtungen

Die Fahrtrichtungen der Fahrzeuge (s. Kennzeichnung in den Anlagen-Nr. xx) werden folgendermaßen benannt:

- Richtung I: Senne  
Richtung II: Bielefeld-Zentrum

### 3.5 Fahrzeugtypen

Zur Zeit der Messungen verkehrten im untersuchten Bereich Fahrzeuge der Bauart M8C und M8D in Doppeltraktion. Der Fahrzeugtyp M8D verkehrte auch vereinzelt mit Mittelwagen.

### 3.6 Oberbau

Bei dem vorhandenen Oberbau handelt es sich um eine Rillengleisanlage.

### 3.7 Mess- und Auswerteverfahren

An allen zu einem jeweiligen Messort gehörenden Messpunkten wurden die durch den Schienenverkehr verursachten Schall- und Schwingungsimmissionen synchron gemessen.

Die Auswertung der gemessenen **Schwingungssignale** erfolgt nach DIN 45672-2 (Schwingungsmessungen in der Umgebung von Schienenverkehrswegen, T2: Auswerteverfahren).

Die vor Ort mittels *Geofonen* in Form von Schwinggeschwindigkeiten erfassten Signale wurden direkt digitalisiert und auf Festplatte gespeichert. Sie wurden später im Labor auf den Auswerterechner übertragen und zu den vorher beschriebenen Kennwerten verarbeitet:

- Schwinggeschwindigkeit  $v(t)$  [mm/s]
- maximale Schwinggeschwindigkeit  $\hat{v}_i$  [mm/s] und Erregerfrequenz  $f_e$  [Hz] ( $\hat{v}_{i,min} / \hat{v}_{i,max}$ )
- quadratisch gemittelte Schwinggeschwindigkeit  $\hat{v}_m$  [mm/s]
- bewerteter Taktmaximalwert  $KB_{FTi}$  ( $KB_{FTi,min} / KB_{FTi,max}$ ) und bewerteter Taktmaximal-Effektivwert  $KB_{FTm}$
- Max-hold Spektren  $L_v(f_{Terz})$  [dB/Hz]
- Summenpegel  $L_v$  [dB] ( $L_{v,m}, L_{v,min} / L_{v,max}$ )

Die mit *Mikrofonen* registrierten **Schallsignale** wurden vor Ort digital abgespeichert, im Labor ausgegeben und mit der Auswertesoftware zu den folgenden Größen weiter verarbeitet:

#### Körperschall-Schalldruck

- Max-hold Spektren  $L_p(f_{Terz})$  [dB/Hz]
- Summenpegel  $L_{pA}$  [dB(A)] ( $L_{pA,m}, L_{pA,min} / L_{pA,max}$ )

4 MESSERGEBNISSE4.1 Erschütterungsimmissionen

Für alle Ereignisse sind die Schwingungsschriebe  $v(t)$  der Anlage-Nr. 2 zu entnehmen. Alle aus den Schrieben ermittelten unbewerteten Erschütterungssignale  $\hat{v}_i$  sind in den Anlagen-Nr. 3 tabellarisch dargestellt. Die **Tabelle 1** beinhaltet die im Messzeitraum aufgetretenen Minimal-, Maximal- und (quadr.) Mittelwerte der Schwinggeschwindigkeit  $\hat{v}_i$  sowie den Frequenzbereich der Erregerfrequenzen  $f_e$ .

Messpunkt	$f_e$ von...bis [Hz]	$\pm \hat{v}_i$ min / max [mm/s]	$\pm \hat{v}_m$ [mm/s]
<b>MO 1 Hauptstraße 155</b>			
<b>M8D Ri I</b>			
MP1	4.3 - 38.5	0.076/0.124	0.099
MP2.1	4.3 - 105.9	0.164/0.557	0.297
MP3.1	22.4 - 80.5	0.225/0.53	0.375
MP3.2	3.9 - 41.5	0.1/0.254	0.141
<b>M8D Ri II</b>			
MP1	5.3 - 45.4	0.094/0.133	0.119
MP2.1	4.3 - 100.5	0.129/0.244	0.175
MP3.1	21.4 - 73.7	0.241/0.345	0.294
MP3.2	4.3 - 38.5	0.108/0.136	0.122
<b>M8C Ri I</b>			
MP1	4.8 - 6.3	0.089/0.101	0.095
MP2.1	87.4 - 89.3	0.301/0.34	0.321
MP3.1	44.4 - 72.7	0.326/0.516	0.432
MP3.2	4.3 - 34.1	0.122/0.133	0.128
<b>M8C Ri II</b>			
MP1	6.3 - 35.1	0.13/0.2	0.169
MP2.1	6.3 - 74.2	0.17/0.309	0.250
MP3.1	41.9 - 42.9	0.316/0.512	0.425
MP3.2	6.3 - 35.1	0.153/0.217	0.188
<b>M8D 3fach Ri I</b>			
MP1	3.9 - 37.5	0.092/0.136	0.121
MP2.1	4.3 - 79.5	0.143/0.172	0.159
MP3.1	21.9 - 67.8	0.302/0.327	0.317
MP3.2	4.3 - 46.8	0.098/0.116	0.110
<b>M8D 3fach Ri II</b>			
MP1	25.8 - 26.3	0.122/0.13	0.126
MP2.1	88.3 - 98.1	0.151/0.177	0.164
MP3.1	21.9 - 43.4	0.28/0.31	0.295
MP3.2	9.7 - 21.9	0.112/0.127	0.120

**Tabelle 1a:** Schwinggeschwindigkeiten und Erregerfrequenzen MO 1



Messpunkt	$f_e$ von...bis [Hz]	$\pm \hat{v}_i$ min / max [mm/s]	$\pm \hat{v}_m$ [mm/s]
<b>MO 2 Hauptstraße 27</b>			
<b>M8D Ri I</b>			
MP1	43.9 - 46.3	0.018/0.035	0.028
MP2	20.9 - 55.1	0.022/0.043	0.031
<b>M8D Ri II</b>			
MP1	29.2 - 44.9	0.016/0.024	0.019
MP2	17 - 45.8	0.023/0.033	0.028

**Tabelle 1b:** Schwinggeschwindigkeiten und Erregerfrequenzen MO 2

Messpunkt	$f_e$ von...bis [Hz]	$\pm \hat{v}_i$ min / max [mm/s]	$\pm \hat{v}_m$ [mm/s]
<b>MO 3 Hauptstraße 74</b>			
<b>M8D Ri I</b>			
MP1	44.9 - 44.9	0.029/0.046	0.035
MP2.1	15.6 - 44.9	0.055/0.477	0.180
MP3.1	21.9 - 88.8	0.103/0.152	0.131
MP3.2	24.9 - 93.2	0.04/0.061	0.047
<b>M8D Ri II</b>			
MP1	44.9 - 45.4	0.02/0.059	0.033
MP2.1	3.9 - 92.2	0.049/0.551	0.186
MP3.1	18 - 87.8	0.079/0.292	0.175
MP3.2	4.8 - 97.6	0.038/0.076	0.055
<b>M8D 3fach Ri I</b>			
MP1	44.9 - 44.9	0.037/0.037	0.037
MP2.1	45.4 - 45.4	0.074/0.074	0.074
MP3.1	69.8 - 69.8	0.171/0.171	0.171
MP3.2	27.3 - 27.3	0.064/0.064	0.064
<b>M8D 3fach Ri II</b>			
MP1	44.9 - 44.9	0.034/0.035	0.035
MP2.1	3.9 - 44.9	0.053/0.167	0.124
MP3.1	74.2 - 87.8	0.16/0.237	0.202
MP3.2	80 - 94.2	0.069/0.082	0.076

**Tabelle 1c:** Schwinggeschwindigkeiten und Erregerfrequenzen MO 3

Messpunkt	$f_e$ von...bis [Hz]	$\pm \hat{v}_i$ min / max [mm/s]	$\pm \hat{v}_m$ [mm/s]
<b>MO 4 Hauptstraße 112</b>			
<b>M8D Ri I</b>			
MP1	5.8 - 45.4	0.038/0.067	0.049
MP2.1	12.2 - 19.5	0.114/0.47	0.254
MP3.1	10.7 - 13.1	0.154/0.594	0.299
MP3.2	10.7 - 12.6	0.175/0.673	0.344
<b>M8D Ri II</b>			
MP1	13.6 - 44.9	0.055/0.08	0.066
MP2.1	11.7 - 19	0.138/0.269	0.205
MP3.1	10.2 - 14.1	0.201/0.45	0.287
MP3.2	10.7 - 11.7	0.188/0.589	0.329
<b>M8C Ri I</b>			
MP1	6.3 - 6.3	0.044/0.044	0.044
MP2.1	18.5 - 18.5	0.186/0.186	0.186
MP3.1	11.2 - 11.2	0.305/0.305	0.305
MP3.2	10.7 - 10.7	0.319/0.319	0.319
<b>M8C Ri II</b>			
MP1	6.3 - 6.8	0.057/0.059	0.058
MP2.1	20 - 20.9	0.118/0.129	0.124
MP3.1	6.3 - 11.7	0.142/0.143	0.143
MP3.2	11.7 - 11.7	0.184/0.197	0.190
<b>M8D 3fach Ri I</b>			
MP1	31.7 - 44.9	0.027/0.067	0.049
MP2.1	14.1 - 18.5	0.124/0.225	0.180
MP3.1	13.1 - 15.1	0.202/0.292	0.253
MP3.2	11.2 - 12.2	0.16/0.389	0.291
<b>M8D 3fach Ri II</b>			
MP1	27.8 - 67.8	0.037/0.077	0.062
MP2.1	18.5 - 19.5	0.118/0.175	0.148
MP3.1	10.2 - 17.5	0.16/0.222	0.180
MP3.2	10.7 - 11.2	0.124/0.234	0.193

**Tabelle 1d:** Schwinggeschwindigkeiten und Erregerfrequenzen MO 4

Messpunkt	$f_e$ von...bis [Hz]	$\pm \hat{v}_i$ min / max [mm/s]	$\pm \hat{v}_m$ [mm/s]
<b>MO 5 Hauptstraße 144</b>			
<b>M8D Ri I</b>			
MP1	4.3 - 39	0.021/0.068	0.039
MP2.1	4.8 - 39	0.076/0.201	0.117
MP3.1	5.3 - 32.2	0.056/0.167	0.102
MP3.2	6.3 - 15.6	0.044/0.1	0.067
<b>M8D Ri II</b>			
MP1	4.3 - 39.5	0.051/0.069	0.057
MP2.1	5.3 - 39	0.147/0.263	0.185
MP3.1	26.8 - 29.7	0.153/0.212	0.174
MP3.2	6.8 - 23.4	0.069/0.094	0.079
<b>M8C Ri I</b>			
MP1	3.9 - 3.9	0.035/0.051	0.044
MP2.1	3.9 - 40.5	0.05/0.092	0.074
MP3.1	7.8 - 11.7	0.096/0.1	0.098
MP3.2	11.7 - 14.6	0.085/0.087	0.086
<b>M8C Ri II</b>			
MP1	39 - 39	0.067/0.067	0.067
MP2.1	35.6 - 35.6	0.194/0.194	0.194
MP3.1	29.7 - 29.7	0.216/0.216	0.216
MP3.2	16.1 - 16.1	0.084/0.084	0.084
<b>M8D 3fach Ri I</b>			
MP1	3.9 - 24.4	0.023/0.062	0.040
MP2.1	36.6 - 39	0.068/0.208	0.118
MP3.1	5.8 - 31.2	0.069/0.192	0.113
MP3.2	6.3 - 15.6	0.05/0.149	0.098
<b>M8D 3fach Ri II</b>			
MP1	3.9 - 37.1	0.049/0.061	0.055
MP2.1	36.6 - 38	0.17/0.202	0.187
MP3.1	27.8 - 30.7	0.153/0.169	0.161
MP3.2	14.6 - 22.4	0.07/0.094	0.086

**Tabelle 1e:** Schwinggeschwindigkeiten und Erregerfrequenzen MO 5

Messpunkt	$f_e$ von...bis [Hz]	$\pm \hat{v}_i$ min / max [mm/s]	$\pm \hat{v}_m$ [mm/s]
<b>MO 6 Hauptstraße 31/33</b>			
<b>M8D Ril</b>			
MP1	3.9 - 119.6	0.002/0.007	0.004
MP2.1	44.9 - 67.8	0.017/0.272	0.100
MP2.2	40 - 103	0.007/0.147	0.054
<b>M8D Rill</b>			
MP1	3.9 - 55.6	0.003/0.005	0.004
MP2.1	44.9 - 44.9	0.028/0.124	0.059
MP2.2	37.1 - 103.5	0.01/0.039	0.023
<b>M8D 3fach Ril</b>			
MP1	4.3 - 143.5	0.004/0.008	0.006
MP2.1	44.9 - 69.8	0.039/0.842	0.376
MP2.2	39 - 131.8	0.022/0.09	0.047
<b>M8D 3fach Rill</b>			
MP1	3.9 - 57.1	0.004/0.007	0.005
MP2.1	44.9 - 68.3	0.031/0.181	0.095
MP2.2	33.6 - 101.5	0.019/0.031	0.023

**Tabelle 1f:** Schwinggeschwindigkeiten und Erregerfrequenzen MO 6

Durch Sprungimpulse werden die Decken an den Messpunkten zu Eigenschwingungen der Frequenzen  $f_{0,i}$  [Hz] angeregt. Die sich am stärksten ausprägende Eigenfrequenz  $f_0$  [Hz], sowie die sich aus dem Verhältnis der Schwingungsamplituden der Ausschwingkurve ergebende Dämpfung D der Decke sind in der folgenden **Tabelle 2** zusammengestellt.

Messpunkt	$f_0$ [Hz]	D
<b>MO 1 – Hauptstraße 155</b>		
MP2.1	51,4	0,084
MP3.1	28,7	0,114
MP3.2	33,5	0,105

**Tabelle 2a:** Eigenfrequenz und Dämpfungsverhalten der Decke am jeweiligen Messpunkt

Messpunkt	$f_0$ [Hz]	D
<b>MO 2 – Hauptstraße 27</b>		
MP 1	13,3	0,264
MP 2	13,3	0,256

**Tabelle 2b:** Eigenfrequenz und Dämpfungsverhalten der Decke am jeweiligen Messpunkt

Messpunkt	$f_0$ [Hz]	D
<b>MO 3 – Hauptstraße 74</b>		
MP2.1	6,5	0,744
MP3.1	22,3	0,143
MP3.2	13,2	0,213

**Tabelle 2c:** Eigenfrequenz und Dämpfungsverhalten der Decke am jeweiligen Messpunkt

Messpunkt	$f_0$ [Hz]	D
<b>MO 4 – Hauptstraße 112</b>		
MP2.1	22,8	0,067
MP3.1	17,2	0,079
MP3.2	14,4	0,088

**Tabelle 2d:** Eigenfrequenz und Dämpfungsverhalten der Decke am jeweiligen Messpunkt

Messpunkt	$f_0$ [Hz]	D
<b>MO 5 – Hauptstraße 144</b>		
MP2.1	44,0	0,131
MP3.1	53,5	0,094
MP3.2	29,4	0,058

**Tabelle 2e:** Eigenfrequenz und Dämpfungsverhalten der Decke am jeweiligen Messpunkt

Messpunkt	$f_0$ [Hz]	D
<b>MO 6 – Hauptstraße 31/33</b>		
MP2.1	67,2	0,039
MP2.2	93,0	0,138

**Tabelle 2f:** Eigenfrequenz und Dämpfungsverhalten der Decke am jeweiligen Messpunkt

Aus den unbewerteten Erschütterungssignalen ergeben sich die bewerteten Größen  $KB_{FTi}$  und  $KB_{FTm}$ , deren Ergebnisse ausführlich den Anlagen-Nr. 4 und zusammengefasst der folgenden **Tabelle 3** zu entnehmen sind. Hier sind die auftretenden Minimal- und Maximalwerte von  $KB_{FTi}$  sowie der Taktmaximal-Effektivwert  $KB_{FTm}$  je Messort und Messpunkt für den Messzeitraum aufgeführt.

Messpunkt	KB <sub>FTi</sub> min / max	KB <sub>FTm</sub>
<b>MO 1 Hauptstraße 155</b>		
<b>M8D Ri I</b>		
MP2.1	0.044/0.135	0.075
MP3.1	0.081/0.152	0.117
MP3.2	0.035/0.062	0.045
<b>M8D Ri II</b>		
MP2.1	0.039/0.076	0.049
MP3.1	0.083/0.128	0.105
MP3.2	0.036/0.047	0.040
<b>M8C Ri I</b>		
MP2.1	0.078/0.088	0.083
MP3.1	0.113/0.148	0.132
MP3.2	0.045/0.051	0.048
<b>M8C Ri II</b>		
MP2.1	0.056/0.087	0.073
MP3.1	0.130/0.183	0.158
MP3.2	0.058/0.085	0.073
<b>M8D 3fach Ri I</b>		
MP2.1	0.040/0.060	0.049
MP3.1	0.095/0.102	0.098
MP3.2	0.040/0.043	0.041
<b>M8D 3fach Ri II</b>		
MP2.1	0.043/0.049	0.046
MP3.1	0.100/0.113	0.106
MP3.2	0.040/0.045	0.043

**Tabelle 3a:** bewertete Schwingstärke nach DIN 4150/2 MO 1

Messpunkt	KB <sub>FTi</sub> min / max	KB <sub>FTm</sub>
<b>MO 2 Hauptstraße 27</b>		
<b>M8D Ri I</b>		
MP1	0.005/0.012	0.009
MP2	0.007/0.013	0.010
<b>M8D Ri II</b>		
MP1	0.005/0.009	0.006
MP2	0.008/0.013	0.010

**Tabelle 3b:** bewertete Schwingstärke nach DIN 4150/2 MO 2

Messpunkt	KB <sub>FTi</sub> min / max	KB <sub>FTm</sub>
<b>MO 3 Hauptstraße 74</b>		
<b>M8D Ri I</b>		
MP2.1	0.017/0.157	0.056
MP3.1	0.029/0.051	0.040
MP3.2	0.012/0.018	0.015
<b>M8D Ri II</b>		
MP2.1	0.012/0.131	0.049
MP3.1	0.031/0.085	0.050
MP3.2	0.012/0.021	0.016
<b>M8D 3fach Ri I</b>		
MP2.1	0.023/0.023	0.023
MP3.1	0.054/0.054	0.054
MP3.2	0.021/0.021	0.021
<b>M8D 3fach Ri II</b>		
MP2.1	0.016/0.024	0.021
MP3.1	0.051/0.076	0.064
MP3.2	0.017/0.019	0.018

**Tabelle 3c:** bewertete Schwingstärke nach DIN 4150/2 MO 3

Messpunkt	KB <sub>FTi</sub> min / max	KB <sub>FTm</sub>
<b>MO 4 Hauptstraße 112</b>		
<b>M8D Ri I</b>		
MP2.1	0.055/0.170	0.101
MP3.1	0.071/0.293	0.143
MP3.2	0.092/0.366	0.188
<b>M8D Ri I</b>		
MP2.1	0.062/0.126	0.098
MP3.1	0.100/0.236	0.143
MP3.2	0.105/0.336	0.184
<b>M8C Ri I</b>		
MP2.1	0.107/0.107	0.107
MP3.1	0.155/0.155	0.155
MP3.2	0.183/0.183	0.183
<b>M8C Ri II</b>		
MP2.1	0.048/0.050	0.049
MP3.1	0.064/0.064	0.064
MP3.2	0.090/0.097	0.094
<b>M8D 3fach Ri I</b>		
MP2.1	0.062/0.117	0.088
MP3.1	0.097/0.164	0.131
MP3.2	0.079/0.207	0.158
<b>M8D 3fach Ri I</b>		
MP2.1	0.060/0.079	0.070
MP3.1	0.077/0.103	0.088
MP3.2	0.059/0.128	0.103

**Tabelle 3d:** bewertete Schwingstärke nach DIN 4150/2 MO 4

Messpunkt	KB <sub>FTi</sub> min / max	KB <sub>FTm</sub>
<b>MO 5 Hauptstraße 144</b>		
<b>M8D Ri I</b>		
MP2.1	0.026/0.090	0.050
MP3.1	0.024/0.070	0.041
MP3.2	0.015/0.050	0.030
<b>M8D Ri II</b>		
MP2.1	0.045/0.119	0.079
MP3.1	0.053/0.092	0.069
MP3.2	0.024/0.043	0.032
<b>M8C Ri I</b>		
MP2.1	0.018/0.037	0.029
MP3.1	0.031/0.040	0.036
MP3.2	0.040/0.041	0.040
<b>M8C Ri II</b>		
MP2.1	0.083/0.083	0.083
MP3.1	0.085/0.085	0.085
MP3.2	0.030/0.030	0.030
<b>M8D 3fach Ri I</b>		
MP2.1	0.029/0.097	0.053
MP3.1	0.028/0.092	0.052
MP3.2	0.018/0.070	0.041
<b>M8D 3fach Ri II</b>		
MP2.1	0.075/0.094	0.086
MP3.1	0.060/0.082	0.069
MP3.2	0.031/0.042	0.035

**Tabelle 3e:** bewertete Schwingstärke nach DIN 4150/2 MO 5

Messpunkt	KB <sub>FTi</sub> min / max	KB <sub>FTm</sub>
<b>MO 6 Hauptstraße 31/33</b>		
<b>M8D Ri I</b>		
MP2.1	0.006/0.071	0.028
MP2.2	0.002/0.027	0.011
<b>M8D Ri II</b>		
MP2.1	0.009/0.032	0.017
MP2.2	0.002/0.012	0.006
<b>M8D 3fach Ri I</b>		
MP2.1	0.012/0.195	0.089
MP2.2	0.005/0.026	0.013
<b>M8D 3fach Ri II</b>		
MP2.1	0.011/0.042	0.027
MP2.2	0.005/0.009	0.007

**Tabelle 3f:** bewertete Schwingstärke nach DIN 4150/2 MO 6



4.2 Körperschall-Schwingschnelle

Die Anlagen-Nr. 5 stellen den Verlauf der Körperschall-Schwingschnellepegel über die Terzmittenfrequenzen von 5 bis 250 Hz dar. In **Tabelle 4** sind Minimal-, Maximal- und Mittelwerte der Schwingschnelle-Summenpegel  $L_v$  an jedem Messpunkt im Messzeitraum aufgeführt.

Die vollständigen Einzelergebnisse können den Anlagen-Nr. 6 entnommen werden.

Messpunkt	$L_{v,i}$ min/max [dB]	$L_{v,m}$ [dB]
<b>MO 1 Hauptstraße 155</b>		
<b>M8D Ri I</b>		
MP1	55.6/60.4	57.9
MP2.1	62.3/70.8	66.4
MP3.1	65.9/71.9	69.0
MP3.2	58.5/62.8	60.5
<b>M8D Ri II</b>		
MP1	57.5/59.2	58.7
MP2.1	60.8/66.4	62.7
MP3.1	66.6/69.5	67.9
MP3.2	58.3/61	59.8
<b>M8C Ri I</b>		
MP1	58.2/58.8	58.5
MP2.1	66.6/68.4	67.6
MP3.1	68.9/71.8	70.6
MP3.2	60.6/62	61.3
<b>M8C Ri II</b>		
MP1	60/63.7	62.3
MP2.1	62.9/66.7	65.2
MP3.1	69.8/74.2	72.6
MP3.2	62.7/65.9	64.6
<b>M8D 3fach Ri I</b>		
MP1	57.5/59.1	58.4
MP2.1	60.4/65.4	63.3
MP3.1	67.2/67.6	67.5
MP3.2	59.6/59.9	59.8
<b>M8D 3fach Ri II</b>		
MP1	59.2/59.2	59.2
MP2.1	61.8/63.5	62.7
MP3.1	67.6/68	67.8
MP3.2	60.4/60.8	60.6

**Tabelle 4a:** Körperschallimmissionen  
Schwingschnelle-Summenpegel  $L_v$  MO 1

Messpunkt	L <sub>v,i</sub> min/max [dB]	L <sub>v,m</sub> [dB]
<b>MO 2 Hauptstraße 27</b>		
<b>M8D Ri I</b>		
MP1	43.9/49.5	47.4
MP2	46.9/50.8	48.9
<b>M8D Ri II</b>		
MP1	42.9/47.4	44.9
MP2	46.4/49.8	48.1

**Tabelle 4b:** Körperschallimmissionen  
Schwingschnelle-Summenpegel L<sub>v</sub> MO 2

Messpunkt	L <sub>v,i</sub> min/max [dB]	L <sub>v,m</sub> [dB]
<b>MO 3 Hauptstraße 74</b>		
<b>M8D Ri I</b>		
MP1	45.5/48.7	47.3
MP2.1	51.7/69.4	60.9
MP3.1	57.3/62.8	61.0
MP3.2	51.1/53.4	52.2
<b>M8D Ri II</b>		
MP1	45.9/54.2	48.7
MP2.1	51/68.9	61.0
MP3.1	58.7/66.7	62.5
MP3.2	50.5/55.7	53.1
<b>M8D 3fach Ri I</b>		
MP1	49/49	49.0
MP2.1	55.5/55.5	55.5
MP3.1	62.7/62.7	62.7
MP3.2	54.4/54.4	54.4
<b>M8D 3fach Ri II</b>		
MP1	48.1/49.8	49.0
MP2.1	52.8/57.9	56.1
MP3.1	62.8/66	64.7
MP3.2	53.6/55.5	54.6

**Tabelle 4c:** Körperschallimmissionen  
Schwingschnelle-Summenpegel L<sub>v</sub> MO 3

Messpunkt	L <sub>v,i</sub> min/max [dB]	L <sub>v,m</sub> [dB]
<b>MO 4 Hauptstraße 112</b>		
<b>M8D Ri I</b>		
MP1	50.9/57.9	53.6
MP2.1	61.2/70.6	66.7
MP3.1	64.2/76.7	70.2
MP3.2	65.9/78.4	72.4
<b>M8D Ri II</b>		
MP1	53.6/57.7	55.3
MP2.1	63.3/68.3	66.6
MP3.1	66.6/74	69.8
MP3.2	67.4/77	72.0
<b>M8C Ri I</b>		
MP1	52.5/52.5	52.4
MP2.1	67.7/67.7	67.7
MP3.1	70.4/70.4	70.4
MP3.2	72.3/72.3	72.3
<b>M8C Ri I</b>		
MP1	53/53.7	53.3
MP2.1	60.9/61.1	61.0
MP3.1	62.6/64.3	63.5
MP3.2	65.8/66.7	66.2
<b>M8D 3fach Ri I</b>		
MP1	49.9/54.2	52.1
MP2.1	63.1/67.6	65.4
MP3.1	65.9/70.8	69.1
MP3.2	65.1/72.8	70.4
<b>M8D 3fach Ri II</b>		
MP1	50.8/54.9	53.6
MP2.1	62.7/64.2	63.8
MP3.1	64.5/66.8	65.9
MP3.2	63.1/69.2	67.4

**Tabelle 4d:** Körperschallimmissionen  
Schwingschnelle-Summenpegel L<sub>v</sub> MO 4

Messpunkt	$L_{v,i}$ min/max [dB]	$L_{v,m}$ [dB]
<b>MO 5 Hauptstraße 144</b>		
<b>M8D Ri I</b>		
MP1	43.8/53	50.0
MP2.1	55.4/65.3	60.6
MP3.1	54.8/63.6	59.5
MP3.2	51.2/61.8	57.5
<b>M8D Ri II</b>		
MP1	50.8/53.4	52.2
MP2.1	59.7/67.9	64.4
MP3.1	61.9/65.9	63.9
MP3.2	56.8/60	58.2
<b>M8C Ri I</b>		
MP1	50.1/53.1	51.8
MP2.1	53.1/58.6	56.7
MP3.1	58.3/59.5	58.9
MP3.2	59.4/60.7	60.1
<b>M8C Ri II</b>		
MP1	53.8/53.8	53.8
MP2.1	65/65	65.0
MP3.1	65.8/65.8	65.8
MP3.2	57.8/57.8	57.8
<b>M8D 3fach Ri I</b>		
MP1	45.6/54.5	51.3
MP2.1	56.6/66.5	61.3
MP3.1	56.8/66.3	61.6
MP3.2	53.3/63.3	59.2
<b>M8D 3fach Ri II</b>		
MP1	51.2/53	52.3
MP2.1	64.1/66	65.1
MP3.1	63.4/64.9	63.9
MP3.2	57.5/59.7	58.3

**Tabelle 4e:** Körperschallimmissionen  
Schwingschnelle-Summenpegel  $L_v$  MO 5

Messpunkt	$L_{v,i}$ min/max [dB]	$L_{v,m}$ [dB]
<b>MO 6 Hauptstraße 31/33</b>		
<b>M8D Ri I</b>		
MP1	26.4/33.9	31.5
MP2.1	44.2/63.8	56.2
MP2.2	36/56.5	50.3
<b>M8D Ri II</b>		
MP1	29.9/32.6	30.9
MP2.1	47.4/57.3	52.1
MP2.2	40/48.4	44.7
<b>M8D 3fach Ri I</b>		
MP1	30.4/34.2	32.6
MP2.1	51.2/72.5	65.8
MP2.2	44.9/57.4	51.6
<b>M8D 3fach Ri II</b>		
MP1	31.2/34.5	32.4
MP2.1	48.7/60.1	56.1
MP2.2	43.6/48.2	46.1

**Tabelle 4f:** Körperschallimmissionen  
Schwingschnelle-Summenpegel  $L_v$  MO 6

#### 4.3 Innenschallpegel

Die Anlagen-Nr. 7 zeigen den Verlauf der Körperschall-Schalldruckpegel über die Terzmit-frequenzen von 5 bis 250 Hz. In der **Tabelle 5** sind Minimal-, Maximal-, und Mittelwerte der A-bewerteten Schalldruck-Summenpegel  $L_{pA}$  aller Ereignisse im Messzeitraum an den zugehörigen Messpunkten zusammengefasst.

Die Anlagen-Nr. 8 enthalten die vollständigen Tabellen mit Einzelergebnissen.

Messpunkt	L <sub>pA,i</sub> min/max [dB (A)]	L <sub>pAm</sub> [dB(A)]
<b>MO 1 Hauptstraße 155</b>		
<b>M8D Ri I</b>		
MP3.2	39.1/ 48.5	43.1
<b>M8D Ri II</b>		
MP3.2	37.4/ 43.5	40.5
<b>M8C Ri I</b>		
MP3.2	42.4/ 42.4	42.3
<b>M8C Ri II</b>		
MP3.2	41.8/ 45.1	43.7
<b>M8D 3fach Ri I</b>		
MP3.2	38.5/ 41.3	39.9
<b>M8D 3fach Ri II</b>		
MP3.2	40.2/ 40.6	40.4
<b>Lkw/Bus</b>		
MP3.2	38.6/ 51.2	48.3
<b>Grundpegel</b>		
MP3.2-M	29.9/ 41.6	39.2

**Tabelle 5a:** Körperschallimmissionen  
Schalldruck-Summenpegel L<sub>pA</sub>

Messpunkt	L <sub>pA,i</sub> min/max [dB (A)]	L <sub>pAm</sub> [dB(A)]
<b>MO 3 Hauptstraße 74</b>		
<b>M8D Ri I</b>		
MP3.2-M	24.6/ 40.2	32.9
<b>M8D Ri I</b>		
MP3.2-M	18.4/ 32.6	30.1
<b>M8D 3fach Ri I</b>		
MP3.2-M	28.4/ 28.4	28.3
<b>M8D 3fach Ri II</b>		
MP3.2-M	30.7/ 31.5	31.1
<b>Lkw Bus</b>		
MP3.2-M	25.4/ 25.4	25.4
<b>Grundpegel</b>		
MP3.2-M	12/ 25.6	22.7

**Tabelle 5b:** Körperschallimmissionen  
Schalldruck-Summenpegel L<sub>pA</sub>

Messpunkt	L <sub>pA,i</sub> min/max [dB (A)]	L <sub>pAm</sub> [dB(A)]
<b>MO 4 Hauptstraße 112</b>		
<b>M8D Ri I</b>		
MP3.2-M	32.4/ 38.5	35.5
<b>M8D Ri II</b>		
MP3.2-M	34.2/ 41.2	37
<b>M8C Ri I</b>		
MP3.2-M	38.4/ 38.4	38.4
<b>M8C Ri II</b>		
MP3.2-M	36.6/ 39.3	38.1
<b>M8D 3fach Ri I</b>		
MP3.2-M	32.9/ 48.1	42.5
<b>M8D 3fach Ri II</b>		
MP3.2-M	31.9/ 35.3	33.8
<b>Grundpegel</b>		
MP3.2-M	26.9/ 33.5	32

**Tabelle 5c:** Körperschallimmissionen  
Schalldruck-Summenpegel L<sub>pA</sub>

Messpunkt	L <sub>pA,i</sub> min/max [dB (A)]	L <sub>pAm</sub> [dB(A)]
<b>MO 5 Hauptstraße 144</b>		
<b>M8D Ri I</b>		
MP3.2-M	27.4/ 31	29.6
<b>M8D Ri II</b>		
MP3.2-M	30.7/ 33.6	32.1
<b>M8C Ri I</b>		
MP3.2-M	32.9/ 36.7	35.2
<b>M8C Ri II</b>		
MP3.2-M	32/ 32	32
<b>M8D 3fach Ri I</b>		
MP3.2-M	25.2/ 35.4	31.6
<b>M8D 3fach Ri II</b>		
MP3.2-M	31.2/ 34	32.6
<b>Grundpegel</b>		
MP3.2-M	19.7/ 23.1	22.1

**Tabelle 5d:** Körperschallimmissionen  
Schalldruck-Summenpegel L<sub>pA</sub>

Messpunkt	$L_{pA,i}$ min/max [dB (A)]	$L_{pAm}$ [dB(A)]
<b>MO 6 Hauptstraße 31/33</b>		
<b>M8D Ri I</b>		
MP2.2-M	20.3/ 41.9	33.3
<b>M8D Ri II</b>		
MP2.2-M	20.1/ 31.7	26.3
<b>M8D 3fach Ri I</b>		
MP2.2-M	22.3/ 42.5	35.5
<b>M8D 3fach Ri II</b>		
MP2.2-M	20.8/ 27	24.1
<b>Grundpegel</b>		
MP2.2-M	14/ 26.2	23

**Tabelle 5e:** Körperschallimmissionen  
Schalldruck-Summenpegel  $L_{pA}$

## 5 SCHLUSSBEMERKUNG

Im vorliegenden Bericht sind die Ergebnisse der in den betroffenen Gebäuden durchgeführten Schwingungsmessungen umfassend dargestellt. Die Messergebnisse sind Basis für eine weitergehende Immissionsprognose.

## 6 ANLAGEN

Anlagen-Nr. 1.1 - 1.9            Lageplan  
Anlagen-Nr. 1.10 – 1.23        Fotos der Messpunkte

die folgenden Anlagen liegen dem Gutachten als PDF-Datei auf CD bei:

Anlagen-Nr. 2.1.1– 2.1.27        Schwingungsschriebe v(t) MO 1  
Anlagen-Nr. 2.2.1– 2.2.47        Schwingungsschriebe v(t) MO 2  
Anlagen-Nr. 2.3.1– 2.3.26        Schwingungsschriebe v(t) MO 3  
Anlagen-Nr. 2.4.1– 2.4.28        Schwingungsschriebe v(t) MO 4  
Anlagen-Nr. 2.5.1– 2.5.28        Schwingungsschriebe v(t) MO 5  
Anlagen-Nr. 2.6.1– 2.6.29        Schwingungsschriebe v(t) MO 6

Anlagen-Nr. 3.1.1 – 3.1.6        Ergebnistabelle Erschütterungssignale v / f MO 1  
Anlagen-Nr. 3.2.1 – 3.2.5        Ergebnistabelle Erschütterungssignale v / f MO 2  
Anlagen-Nr. 3.3.1 – 3.3.5        Ergebnistabelle Erschütterungssignale v / f MO 3  
Anlagen-Nr. 3.4.1 – 3.4.6        Ergebnistabelle Erschütterungssignale v / f MO 4  
Anlagen-Nr. 3.5.1 – 3.5.6        Ergebnistabelle Erschütterungssignale v / f MO 5  
Anlagen-Nr. 3.6.1 – 3.6.4        Ergebnistabelle Erschütterungssignale v / f MO 6



Anlagen-Nr. 4.1.1 – 4.1.6	Ergebnistabelle Erschütterungssignale $KB_F$ MO 1
Anlagen-Nr. 4.2.1 – 4.2.5	Ergebnistabelle Erschütterungssignale $KB_F$ MO 2
Anlagen-Nr. 4.3.1 – 4.3.5	Ergebnistabelle Erschütterungssignale $KB_F$ MO 3
Anlagen-Nr. 4.4.1 – 4.4.6	Ergebnistabelle Erschütterungssignale $KB_F$ MO 4
Anlagen-Nr. 4.5.1 – 4.5.6	Ergebnistabelle Erschütterungssignale $KB_F$ MO 5
Anlagen-Nr. 4.6.1 – 4.6.4	Ergebnistabelle Erschütterungssignale $KB_F$ MO 6
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Anlagen-Nr. 5.3.1.1 – 5.3.5.4	Schwingschnelle – Terzpegeldiagramme $L_v$ (Hz) MO 3
Anlagen-Nr. 5.4.1.1 – 5.4.6.4	Schwingschnelle – Terzpegeldiagramme $L_v$ (Hz) MO 4
Anlagen-Nr. 5.5.1.1 – 5.5.6.4	Schwingschnelle – Terzpegeldiagramme $L_v$ (Hz) MO 5
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Anlagen-Nr. 6.1.1 – 6.1.6	Ergebnistabellen Schwingschnelle Summenpegel $L_v$ MO 1
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Anlagen-Nr. 6.3.1 – 6.3.5	Ergebnistabellen Schwingschnelle Summenpegel $L_v$ MO 3
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7 ÄNDERUNGSINDEX

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Messung:                      Techniker B. Liesenfeld  
                                    Dipl.-Ing. C. Hümpel

Bearbeitung:                 Dipl.-Ing. U. Lenz  
                                    Dipl.-Ing. H.-J. Stummeyer

Essen, den 09.02.2017

I.B.U.  
Ingenieurbüro für Schwingungs-, Schall-  
und Schienenverkehrstechnik GmbH

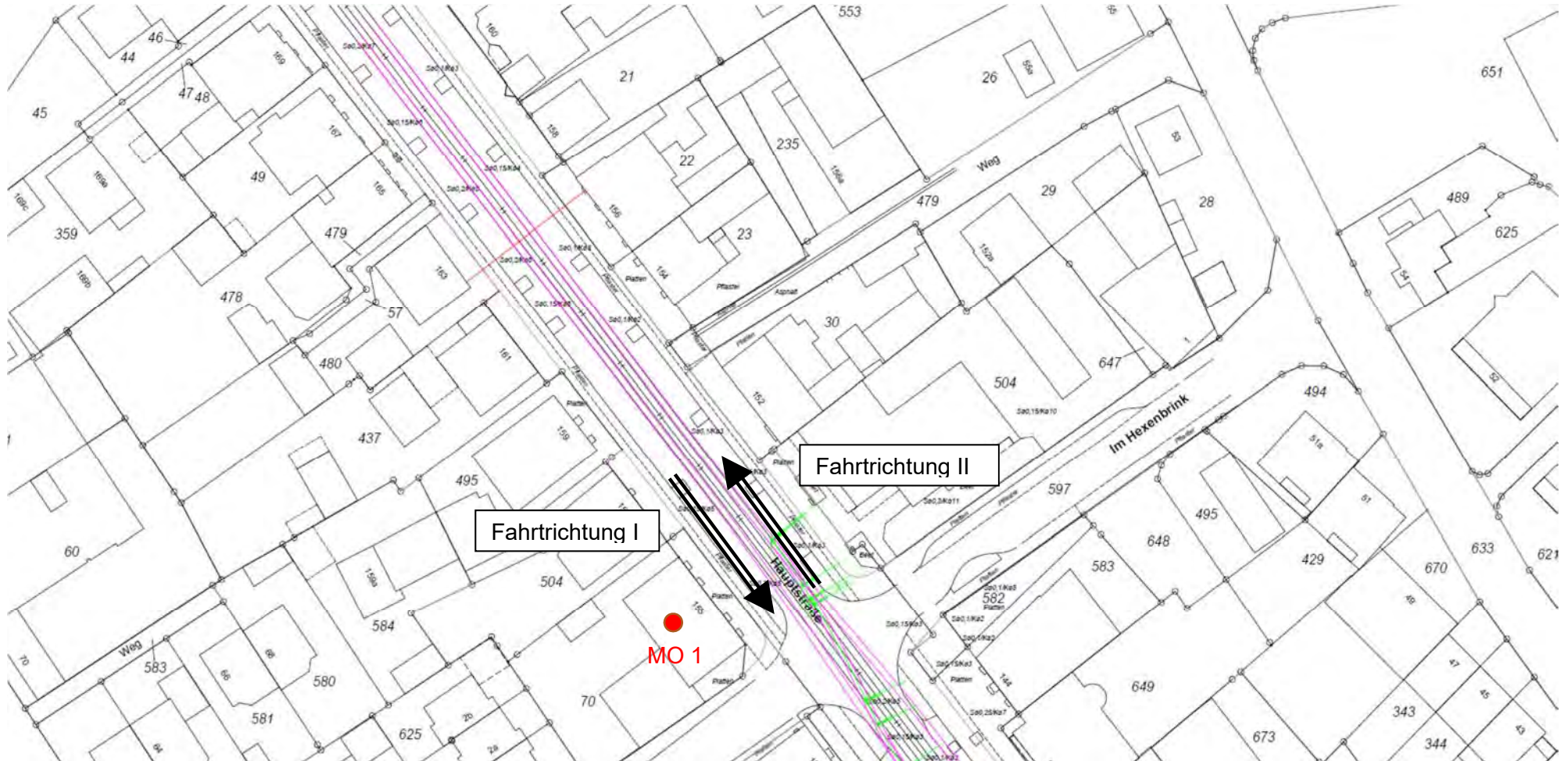
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MOBIEL GMBH  
33604 BIELEFELD

AUFTRAG-NR.:  
S 09.1587.16/2

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Beweissicherungsmessung

ANLAGE-NR.  
1.1

LAGEPLAN





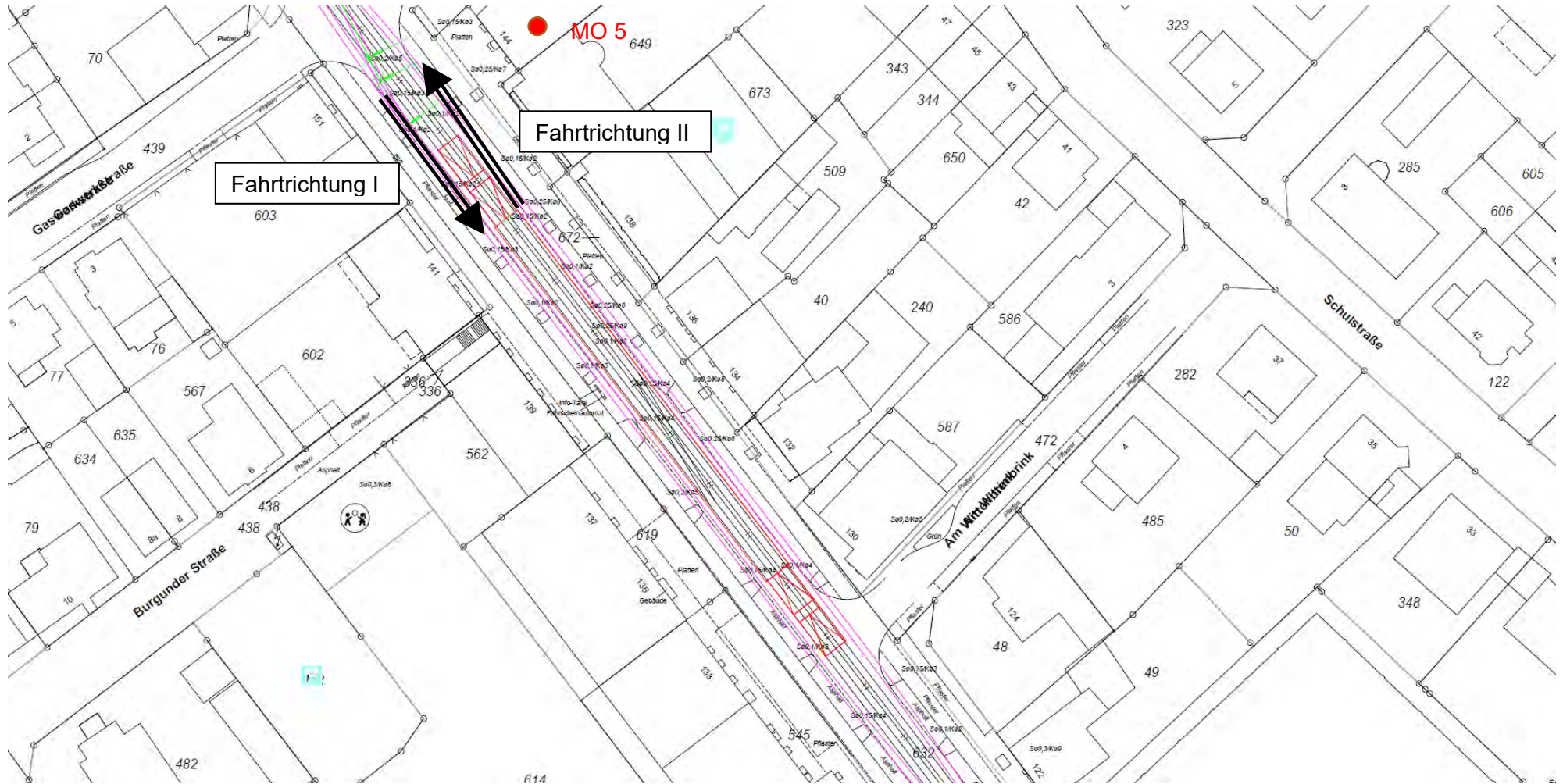
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Umbaumaßnahme Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.  
1.2

LAGEPLAN



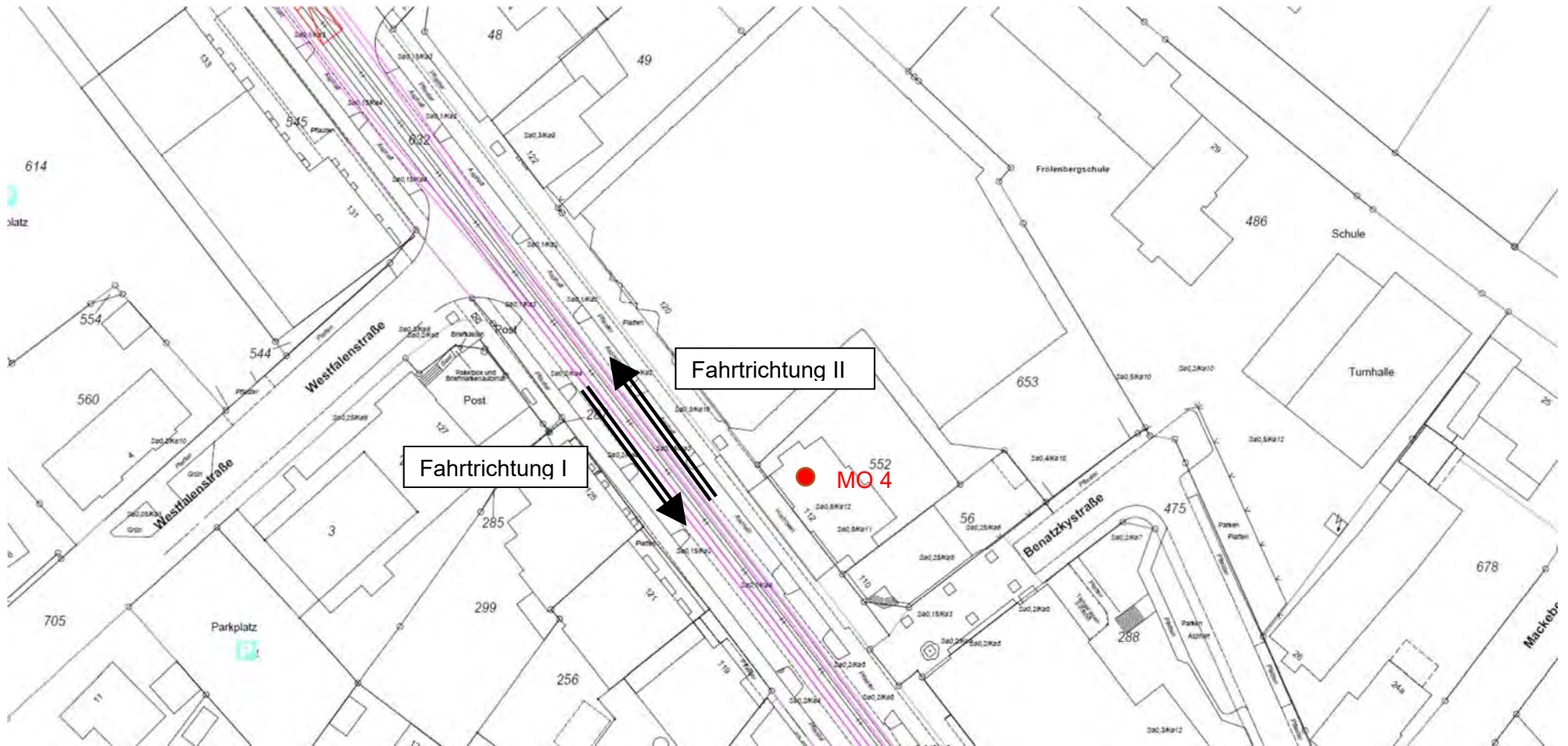
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Umbaumaßnahme Haltestellen Brackwede  
Beweissicherungsmessung

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1.3

LAGEPLAN





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Umbaumaßnahme Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.  
1.4

LAGEPLAN



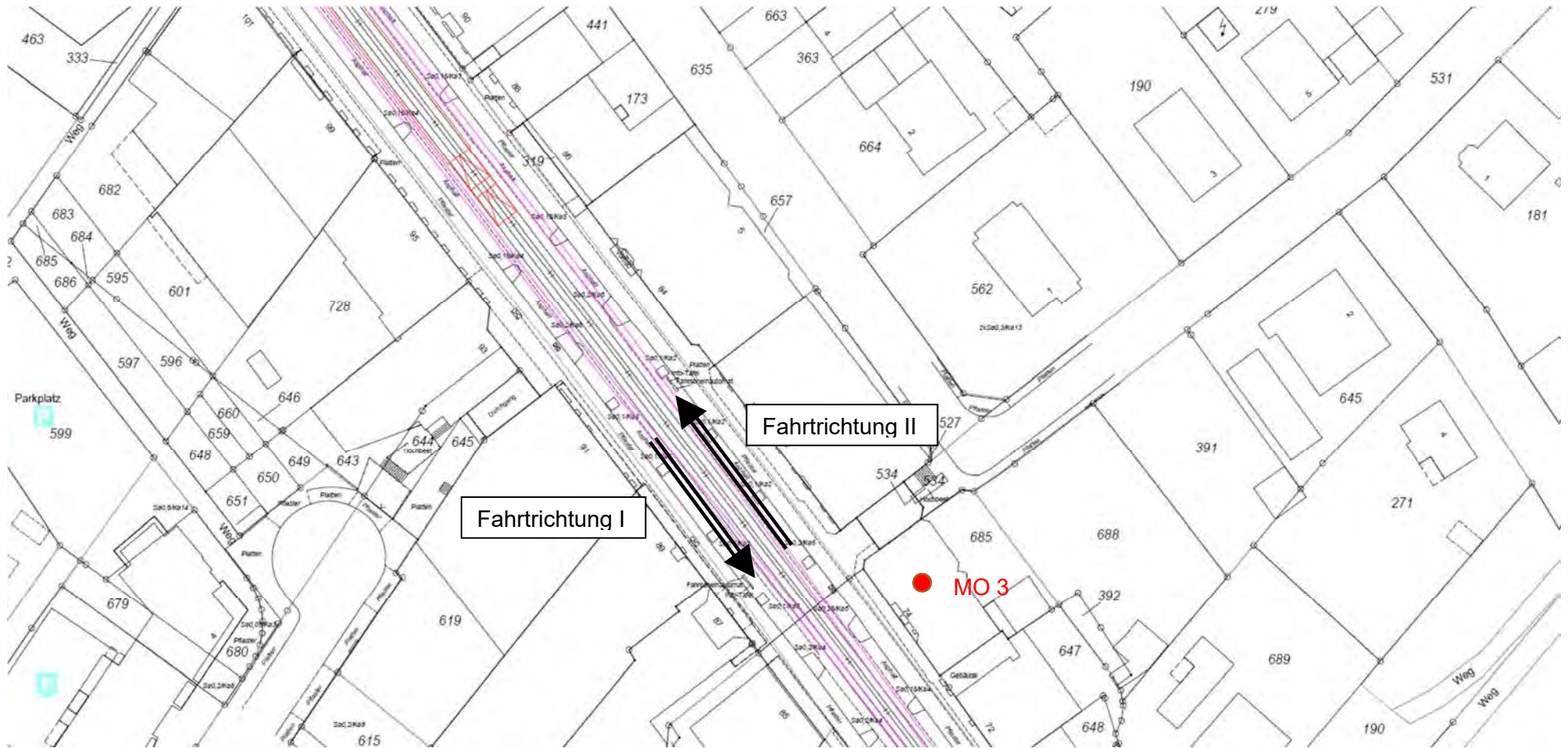
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MOBIEL GMBH  
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AUFTRAG-NR.:  
S 09.1587.16/2

Umbaumaßnahme Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.  
1.5

LAGEPLAN





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Umbaumaßnahme Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.  
1.6

LAGEPLAN





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Umbaumaßnahme Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.  
1.7

LAGEPLAN



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Umbaumaßnahme Haltestellen Brackwede  
Beweissicherungsmessung

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LAGEPLAN





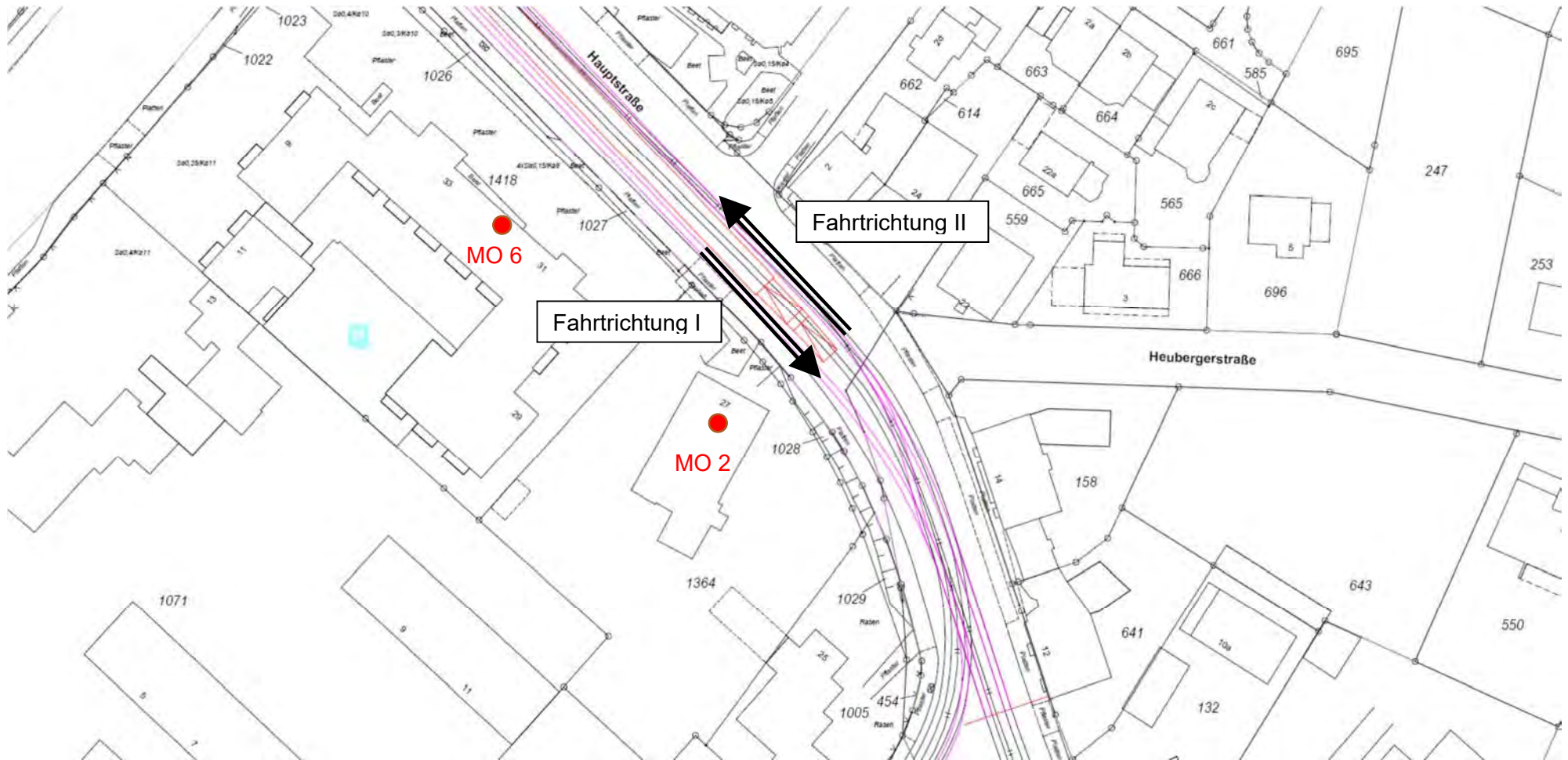
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33604 BIELEFELD

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S 09.1587.16/2

Umbaumaßnahme Haltestellen Brackwede  
Beweissicherungsmessung

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1.9

LAGEPLAN



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moBiel GmbH  
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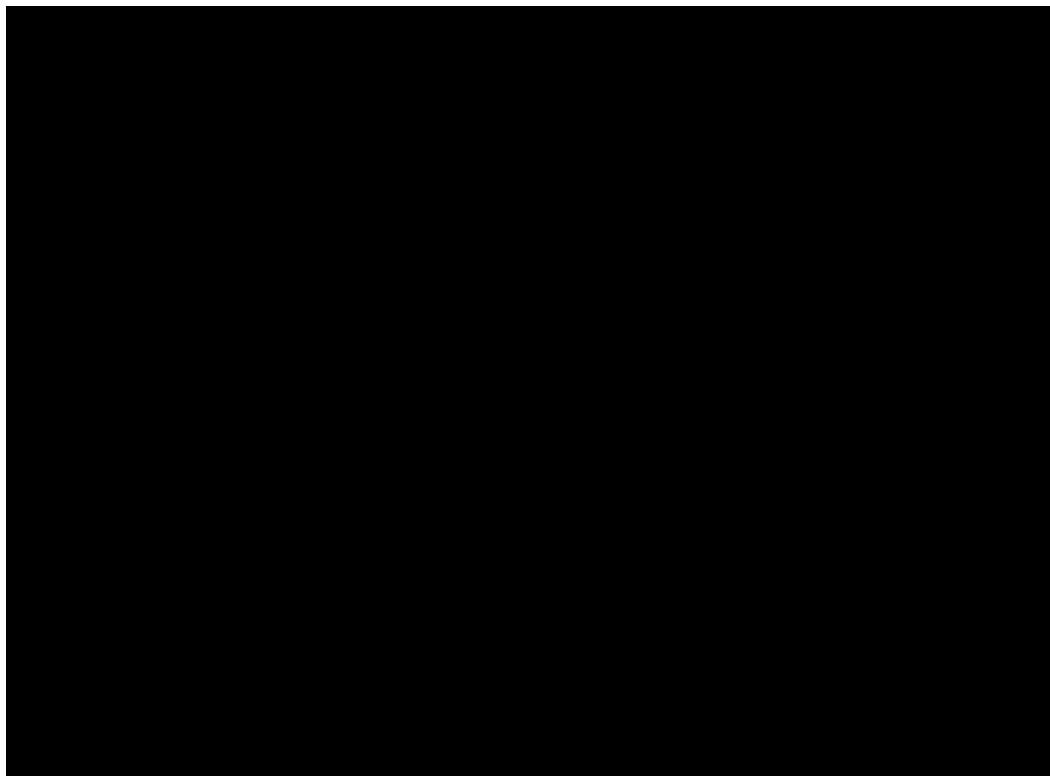
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Umbau Haltestellen Brackwede  
Beweissicherungsmessung

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FOTOS DER MESSPUNKTE

### Hauptstraße 155 MO 1



MP 1

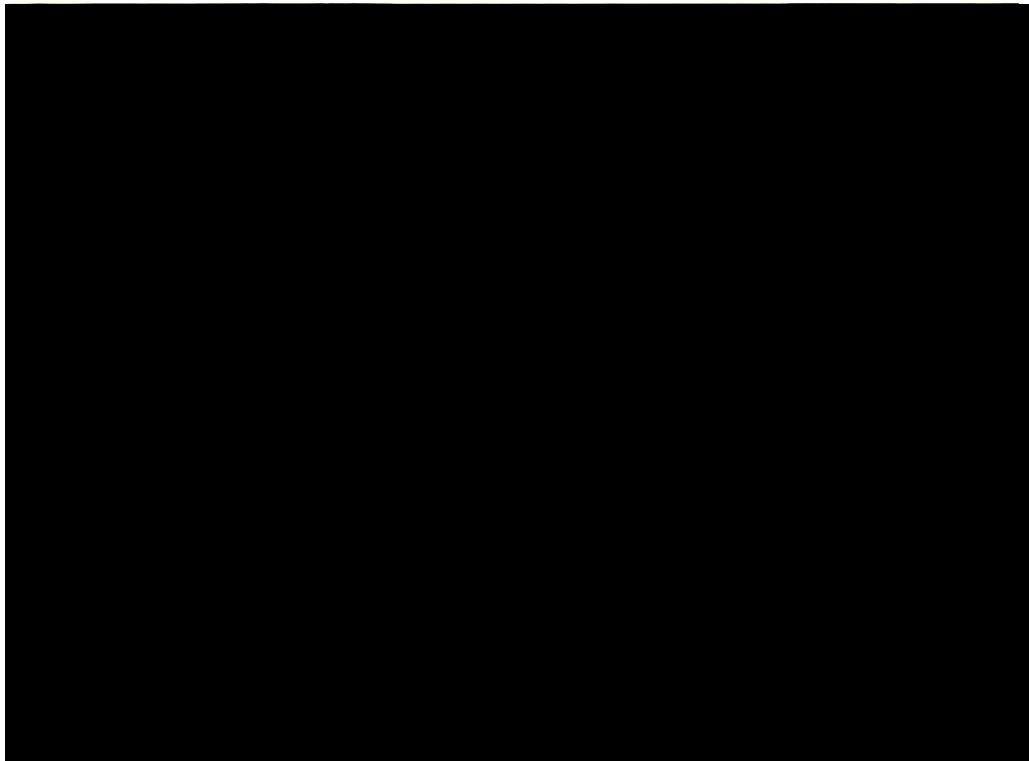
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Otto-Brenner-Str. 242  
33604 Bielefeld

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S 09.1587.16/2

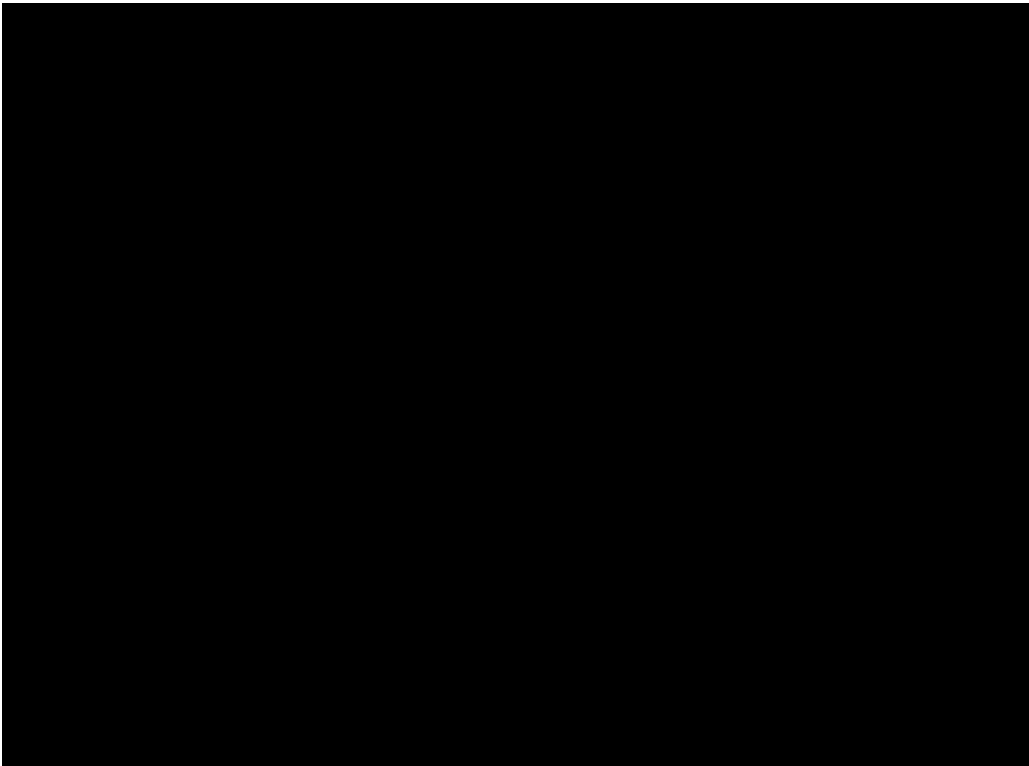
Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
1.11

FOTOS DER MESSPUNKTE



MP 2.1



MP 3.1

AUFTRAGGEBER:  
moBiel GmbH  
Otto-Brenner-Str. 242  
33604 Bielefeld

AUFTRAG-NR.:  
S 09.1587.16/2

Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
1.12

FOTOS DER MESSPUNKTE



MP 3.2

MO 2 – Hauptstraße 27



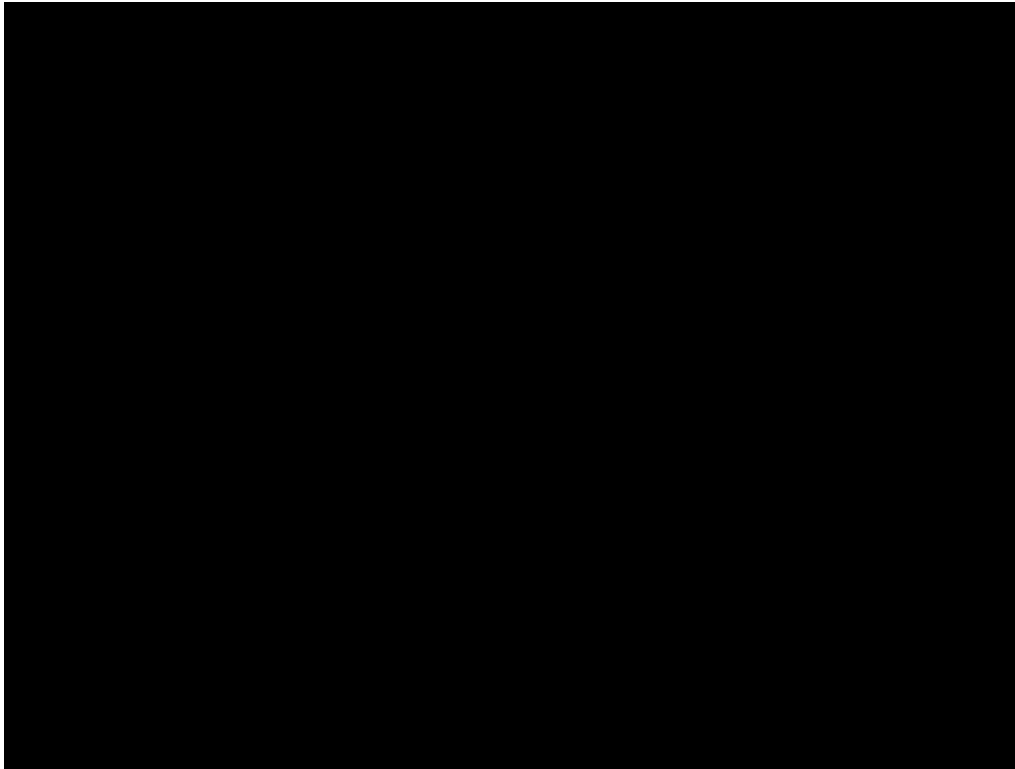
AUFTRAGGEBER:  
moBiel GmbH  
Otto-Brenner-Str. 242  
33604 Bielefeld

AUFTRAG-NR.:  
S 09.1587.16/2

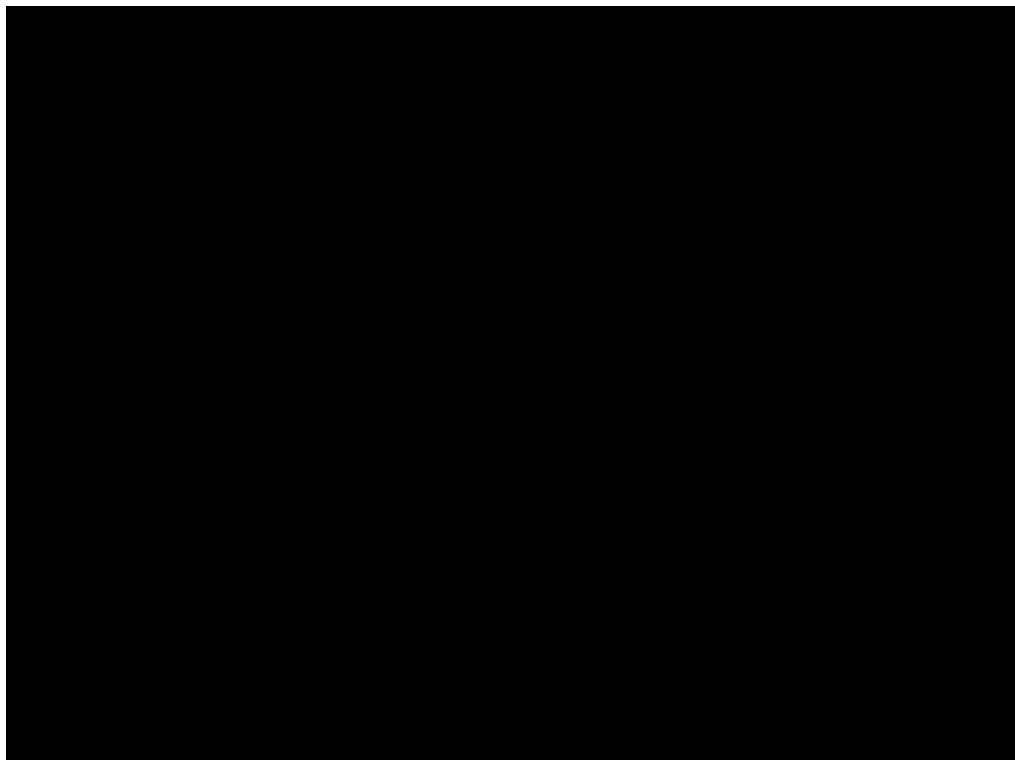
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Beweissicherungsmessung

ANLAGE-NR.:  
1.13

FOTOS DER MESSPUNKTE



MP1



MP 2.1



AUFTRAGGEBER:  
moBiel GmbH  
Otto-Brenner-Str. 242  
33604 Bielefeld

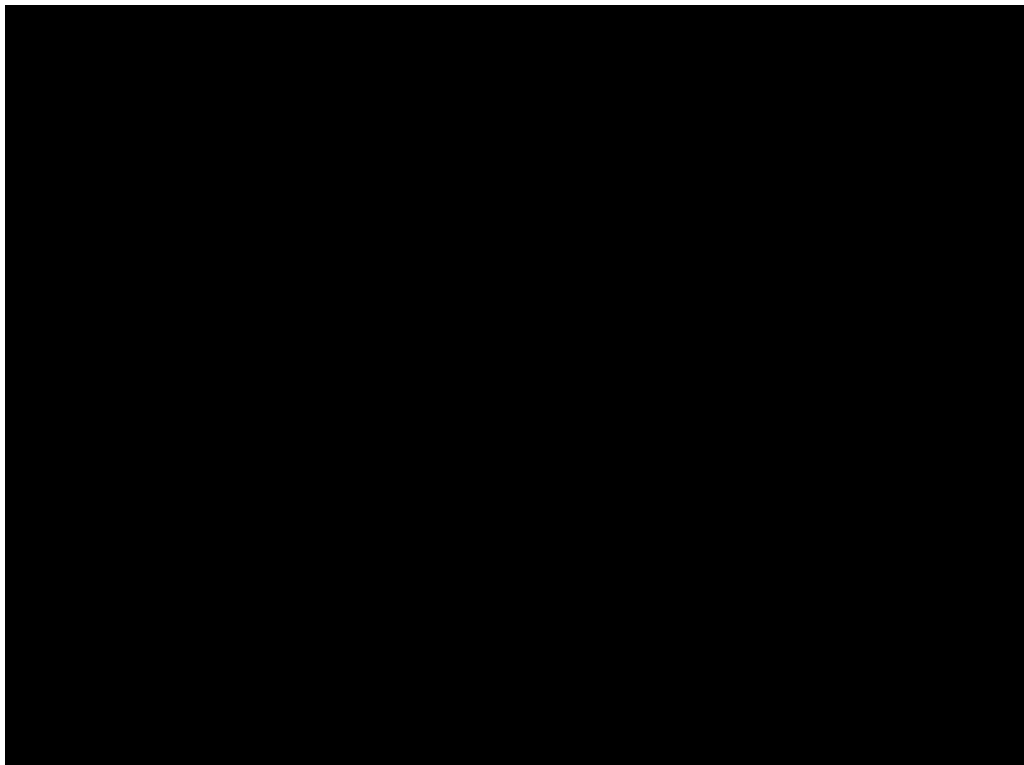
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S 09.1587.16/2

Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
1.14

FOTOS DER MESSPUNKTE

### MO3 Hauptstraße 74



MP 1



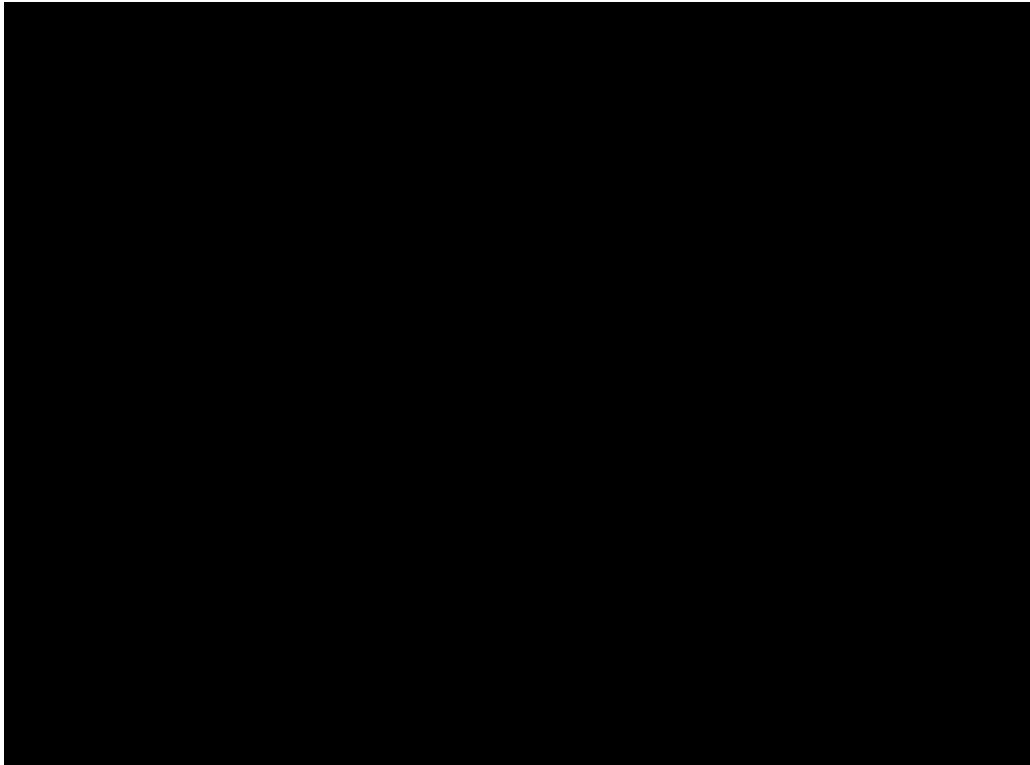
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Otto-Brenner-Str. 242  
33604 Bielefeld

AUFTRAG-NR.:  
S 09.1587.16/2

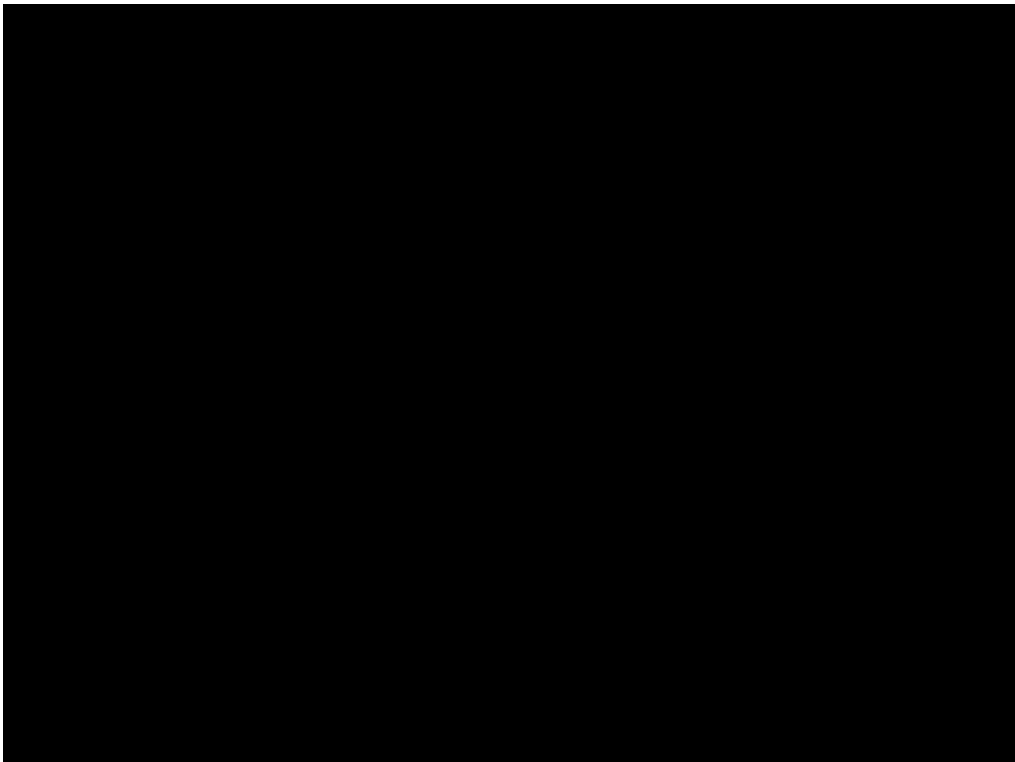
Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
1.15

FOTOS DER MESSPUNKTE



MP2.1



MP 3.1

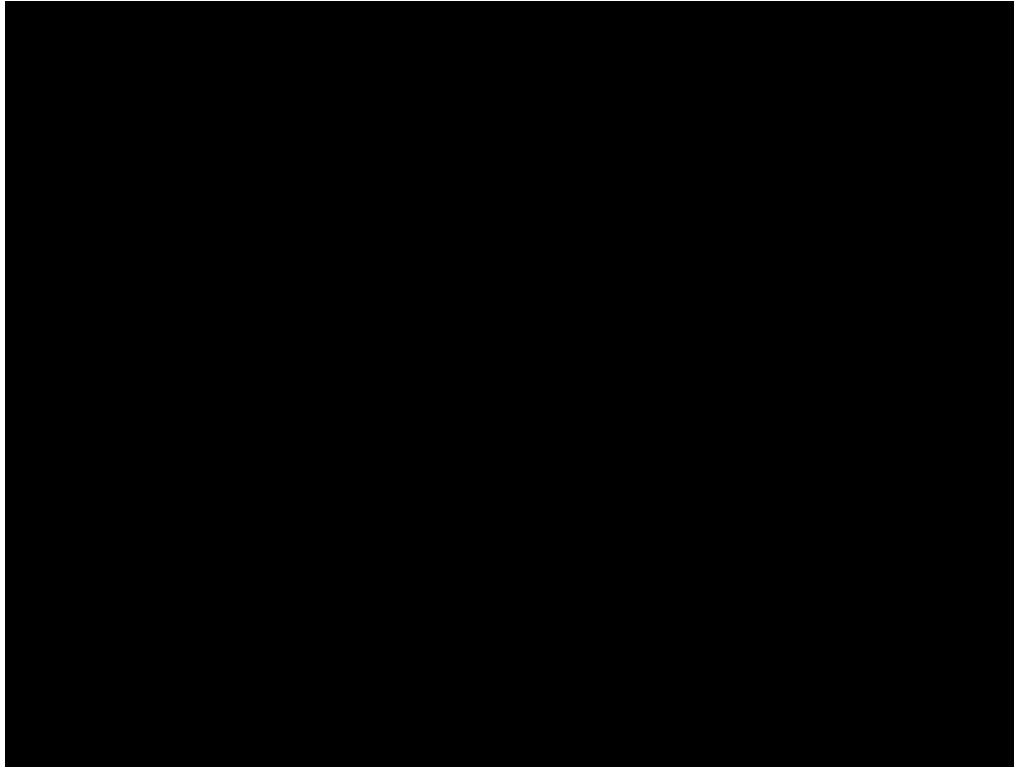
AUFTRAGGEBER:  
moBiel GmbH  
Otto-Brenner-Str. 242  
33604 Bielefeld

AUFTRAG-NR.:  
S 09.1587.16/2

Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
1.16

FOTOS DER MESSPUNKTE



MP 3.2

MO 4 – Hauptstraße 112



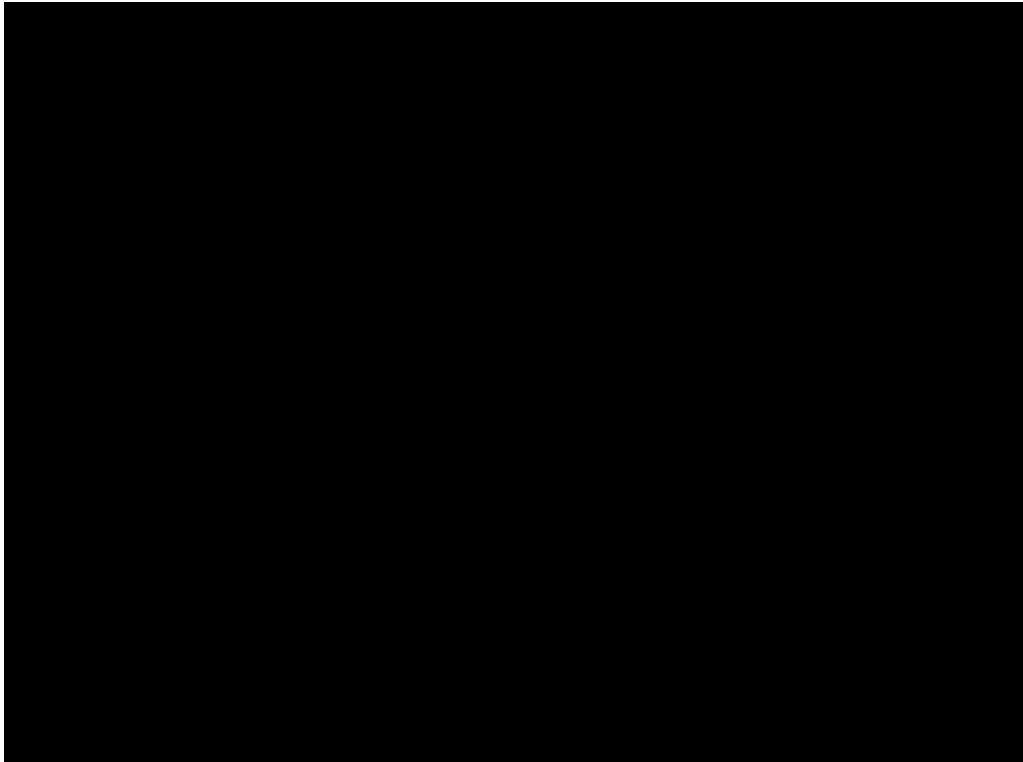
AUFTRAGGEBER:  
moBiel GmbH  
Otto-Brenner-Str. 242  
33604 Bielefeld

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S 09.1587.16/2

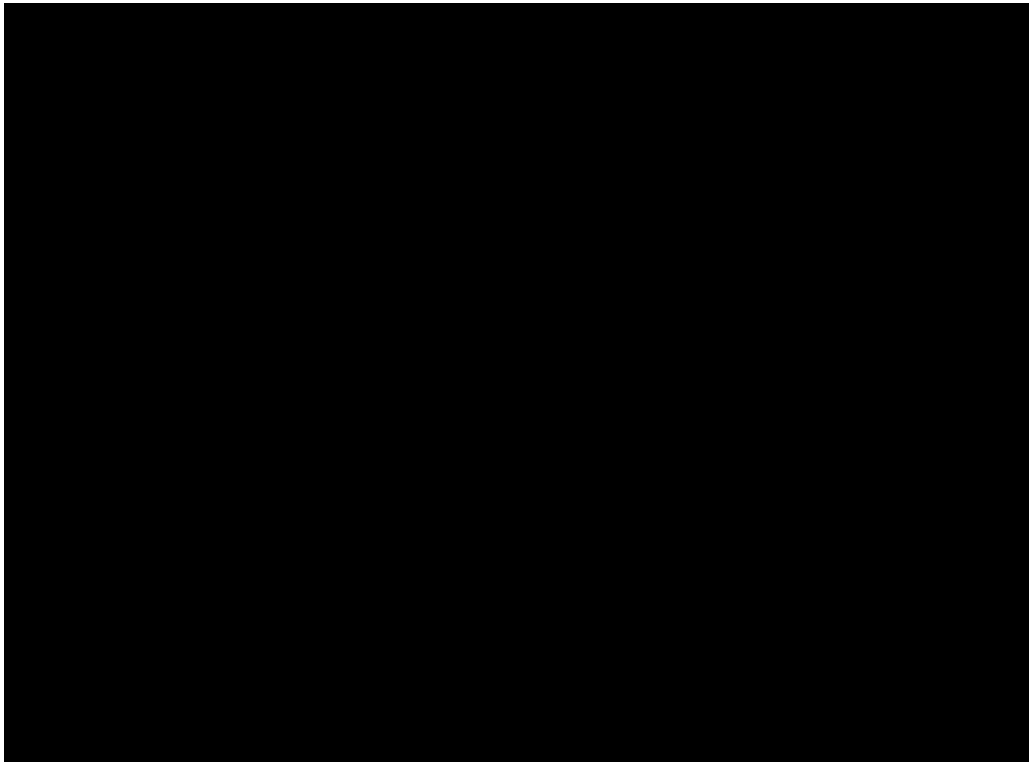
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Beweissicherungsmessung

ANLAGE-NR.:  
1.17

FOTOS DER MESSPUNKTE



MP 1



MP 2.1

AUFTRAGGEBER:  
moBiel GmbH  
Otto-Brenner-Str. 242  
33604 Bielefeld

AUFTRAG-NR.:  
S 09.1587.16/2

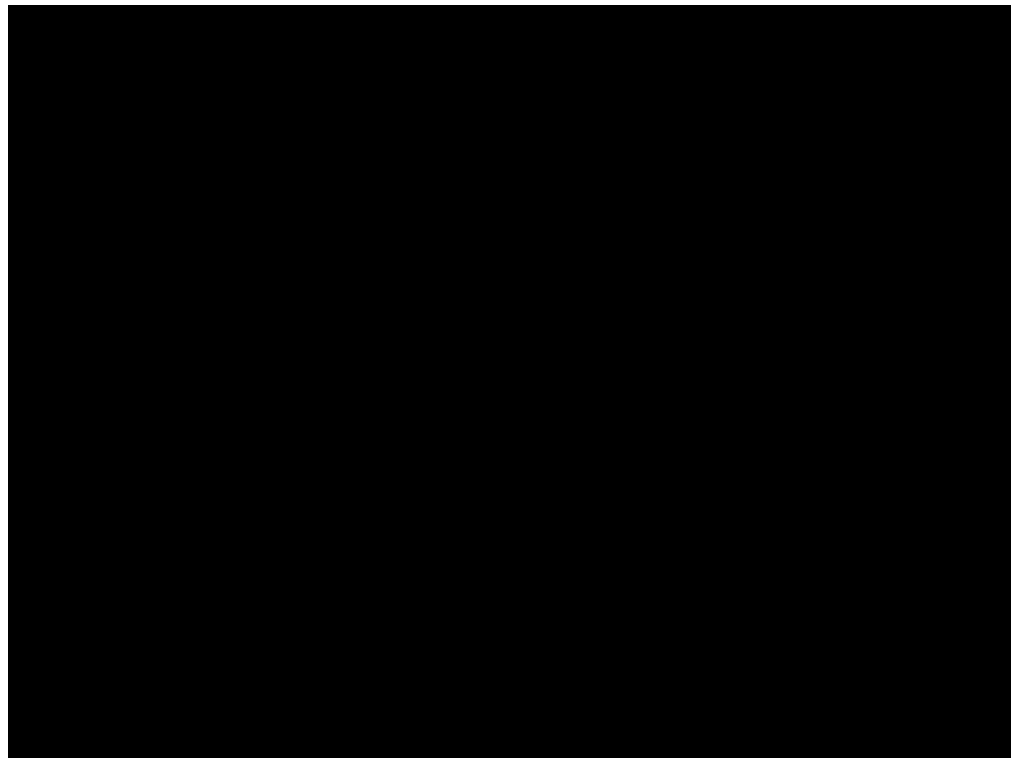
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Beweissicherungsmessung

ANLAGE-NR.:  
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FOTOS DER MESSPUNKTE



MP 3.1



MP 3.2

AUFTRAGGEBER:  
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33604 Bielefeld

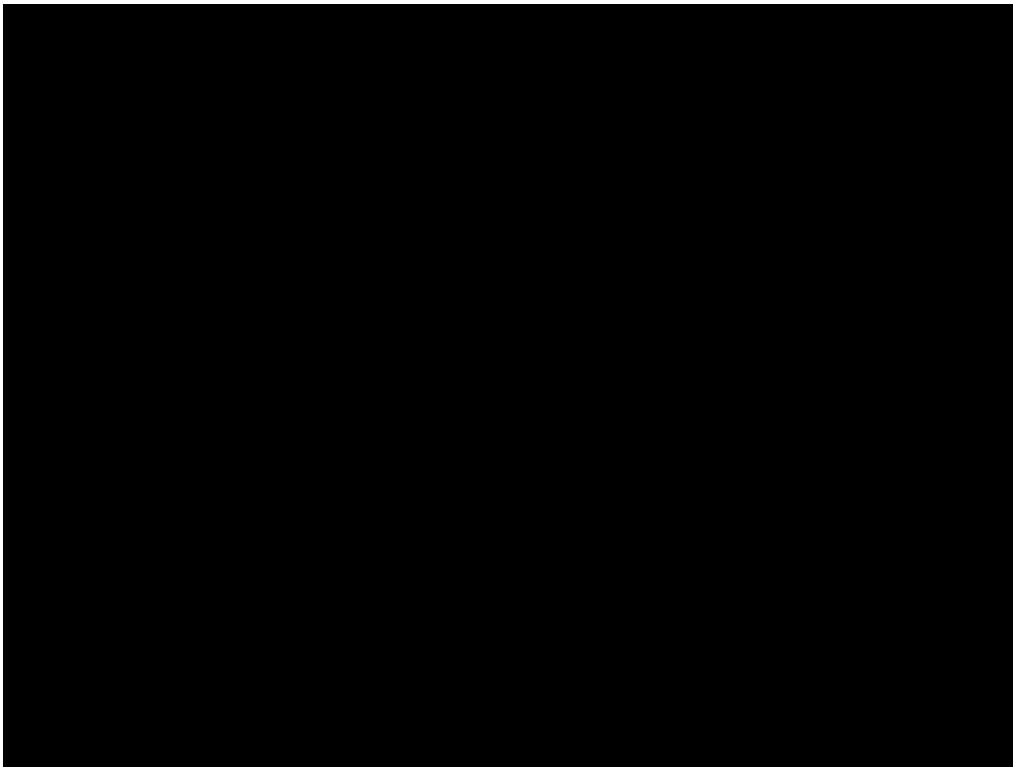
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S 09.1587.16/2

Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
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FOTOS DER MESSPUNKTE

### MO 5 – Hauptstraße 144



MP1

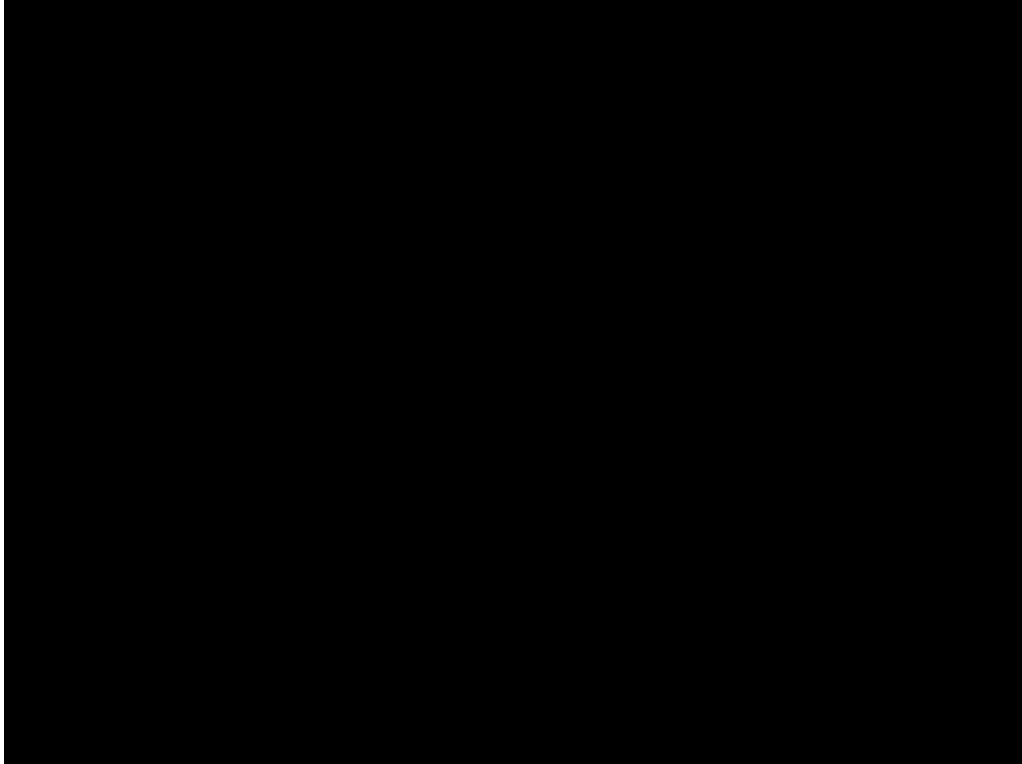
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33604 Bielefeld

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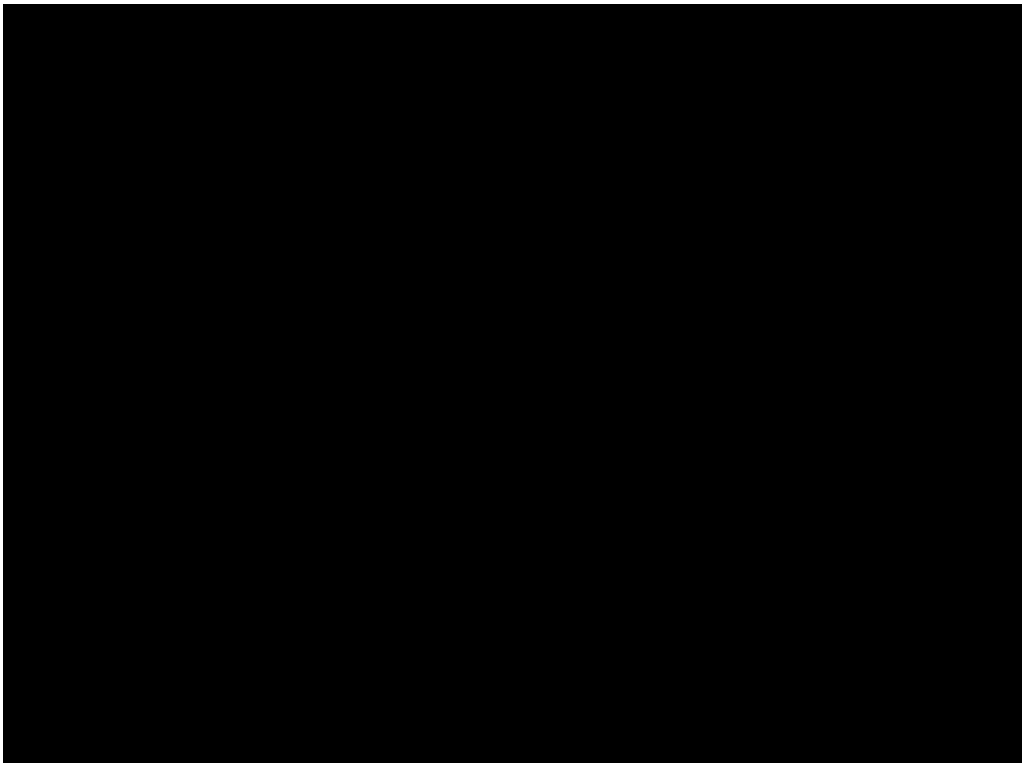
Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
1.20

FOTOS DER MESSPUNKTE



MP 2.1



MP 3.1

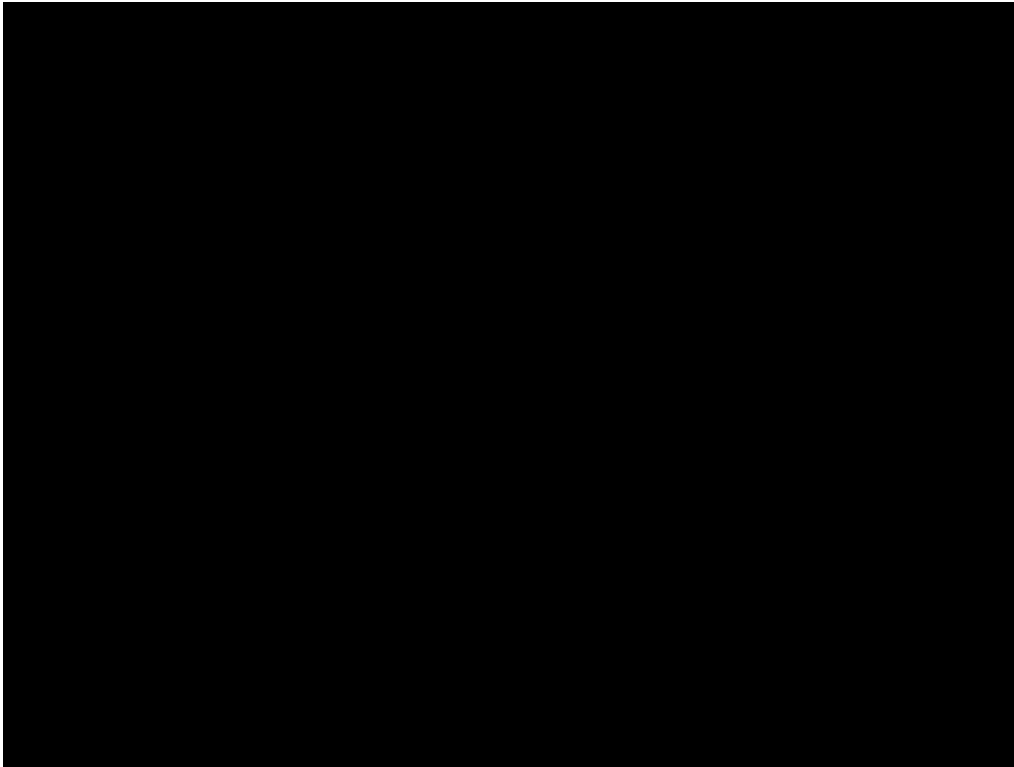
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Otto-Brenner-Str. 242  
33604 Bielefeld

AUFTRAG-NR.:  
S 09.1587.16/2

Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
1.21

FOTOS DER MESSPUNKTE



MP 3.2

MO 6 – Hauptstraße 31/33





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33604 Bielefeld

AUFTRAG-NR.:  
S 09.1587.16/2

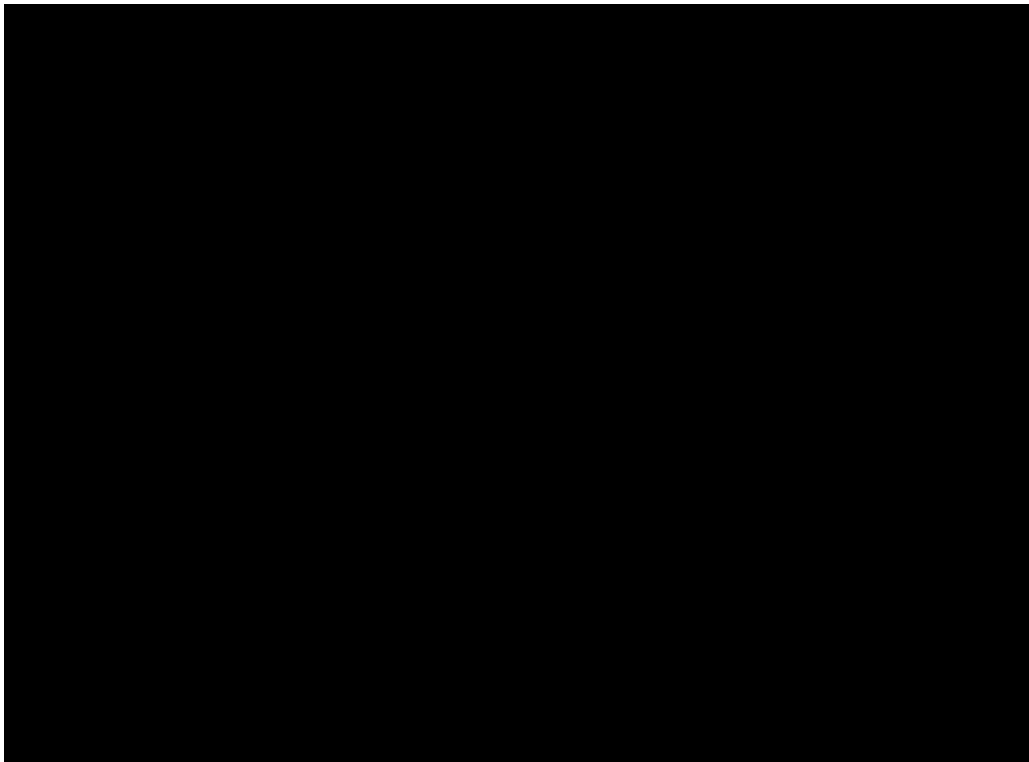
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Beweissicherungsmessung

ANLAGE-NR.:  
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FOTOS DER MESSPUNKTE



MP 1



MP 2.1



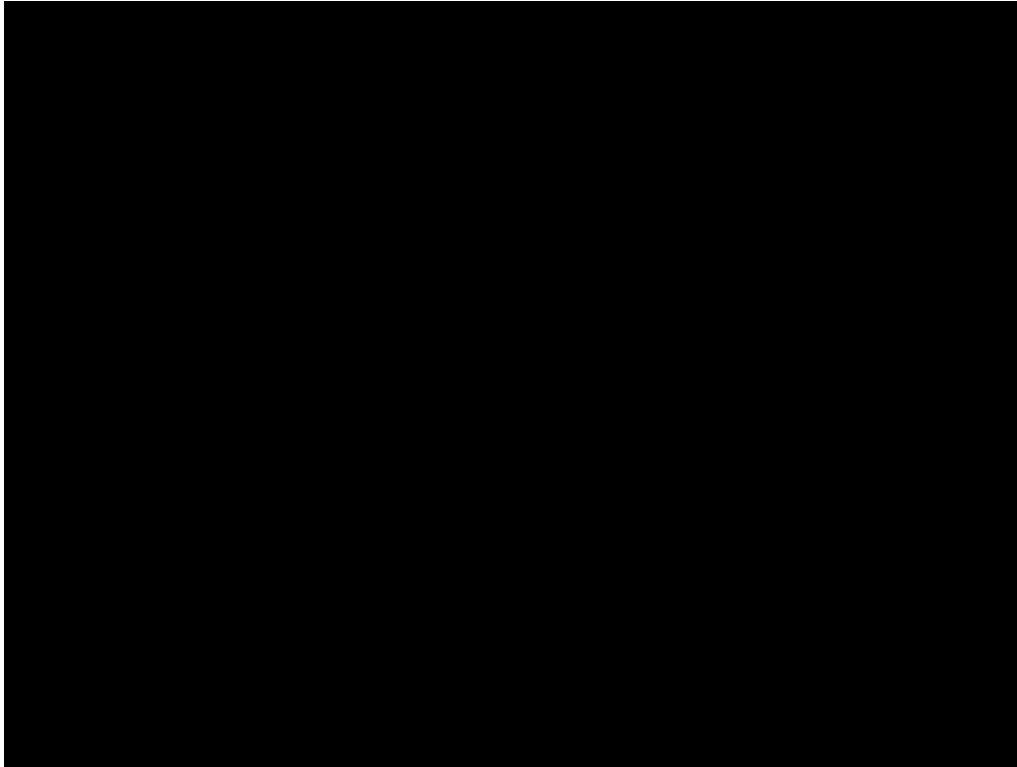
AUFTRAGGEBER:  
moBiel GmbH  
Otto-Brenner-Str. 242  
33604 Bielefeld

AUFTRAG-NR.:  
S 09.1587.16/2

Umbau Haltestellen Brackwede  
Beweissicherungsmessung

ANLAGE-NR.:  
1.23

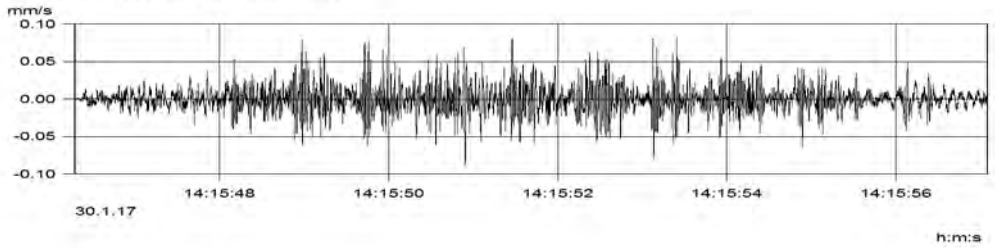
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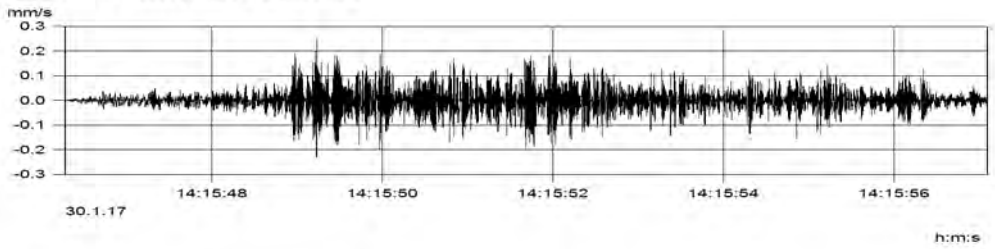
MP 2.2

2017-01-30 14-15-34 (1): M8D Ri I

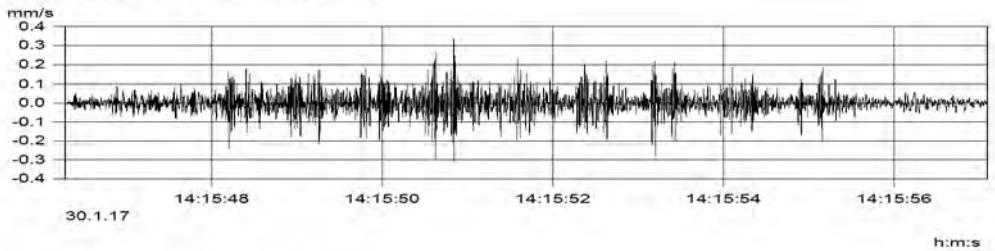
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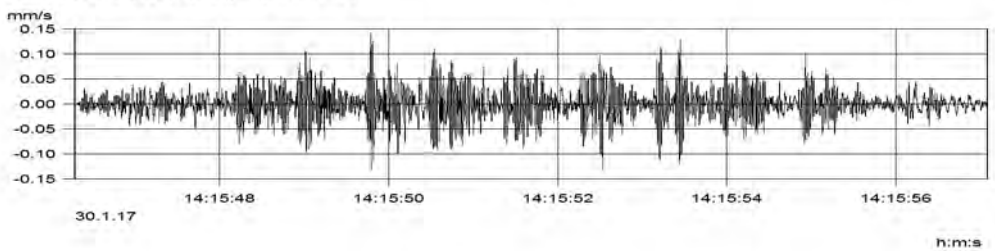
MP2.1 (Kanal\_002) v(max) = 0.252 mm/s



MP3.1 (Kanal\_003) v(max) = 0.339 mm/s

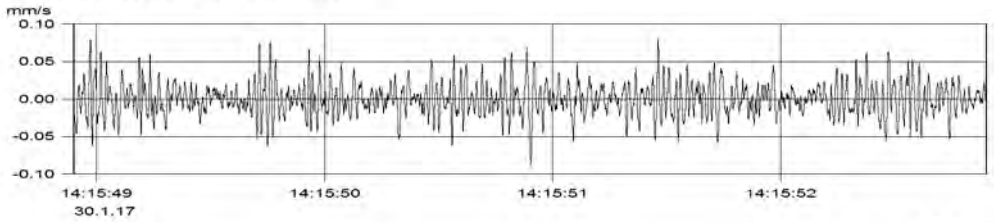


MP3.2 (Kanal\_004) v(max) = 0.143 mm/s



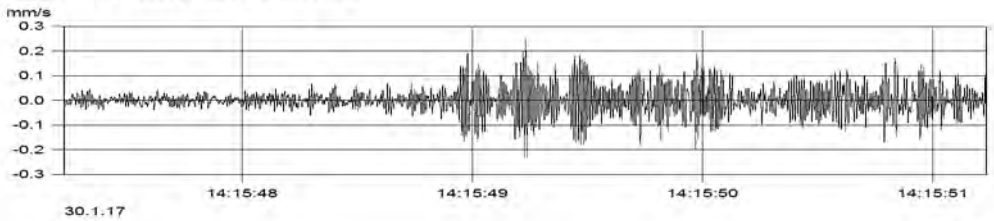
2017-01-30 14:15:34 (1): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.089 mm/s



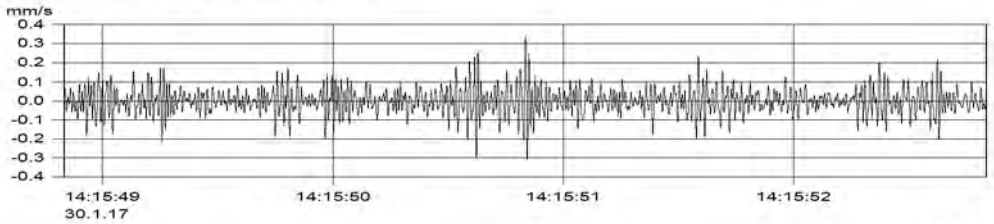
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.252 mm/s



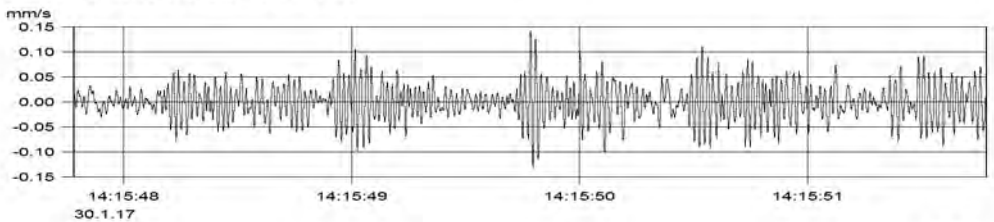
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.339 mm/s



h:m:s

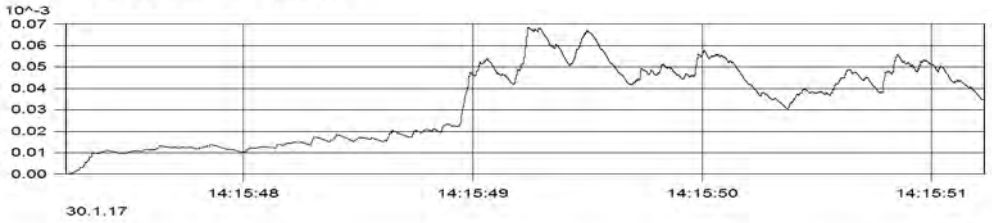
MP3.2 (Kanal\_004) v(max) = 0.143 mm/s



h:m:s

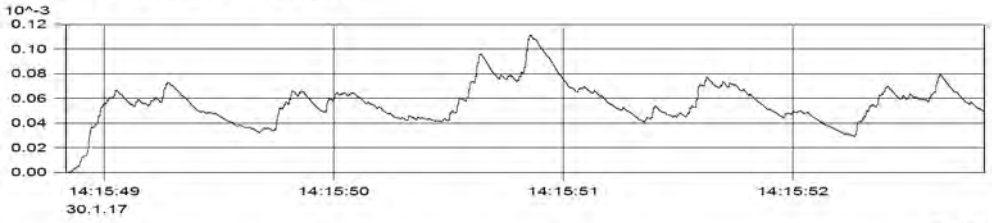
2017-01-30 14:15-34 (1): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.069[-]



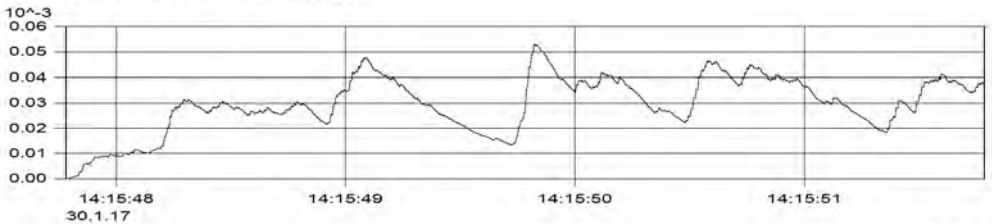
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.112[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.053[-]



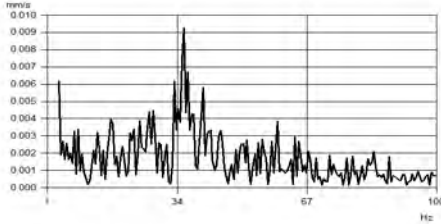
h:m:s

M8D Ri I

2017-01-30 14-15-34 (1)

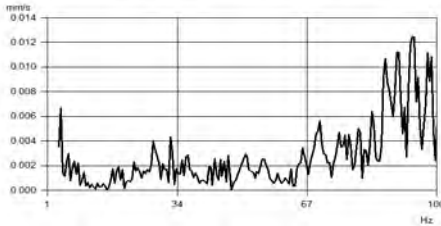
MP1 (Kanal\_001)

$f_e = 35.6 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



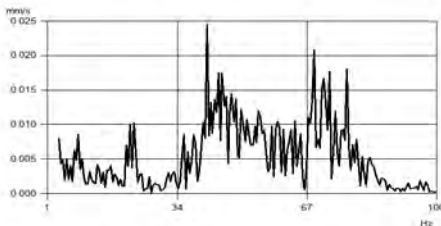
MP2.1 (Kanal\_002)

$f_e = 93.8 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$



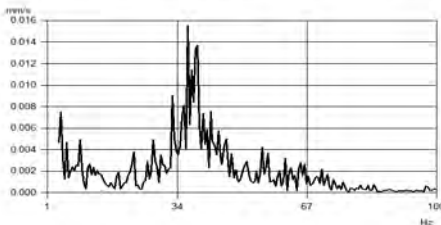
MP3.1 (Kanal\_003)

$f_e = 41.5 \text{ Hz} / v(\text{max}) = 0.024 \text{ mm/s}$



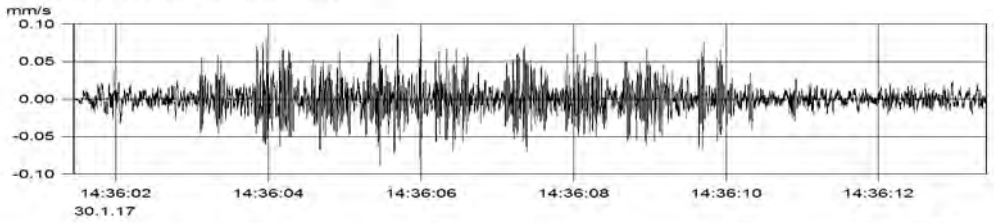
MP3.2 (Kanal\_004)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



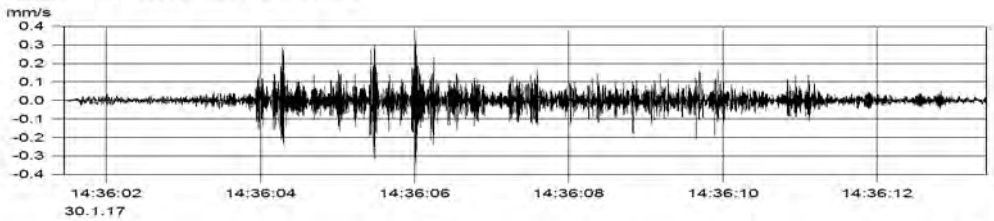
2017-01-30 14:34-08 (1): M8C Ri I

MP1 (Kanal\_001) v(max) = 0.089 mm/s



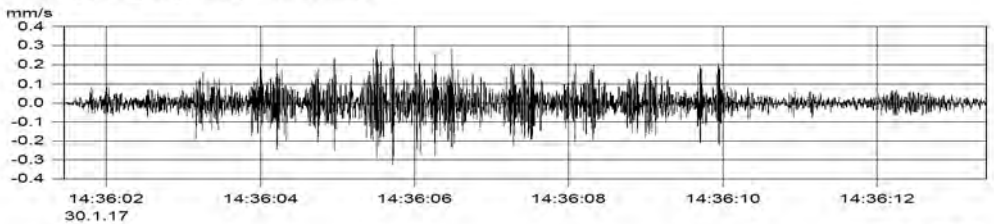
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.340 mm/s



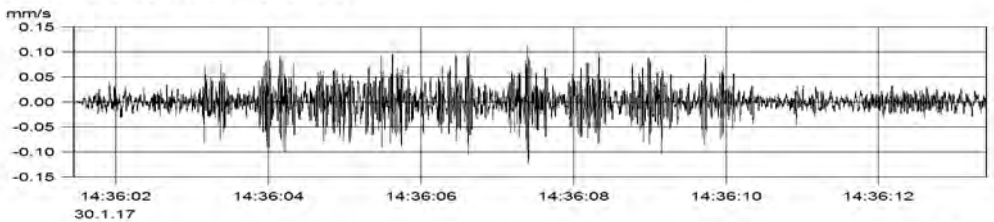
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.326 mm/s



h:m:s

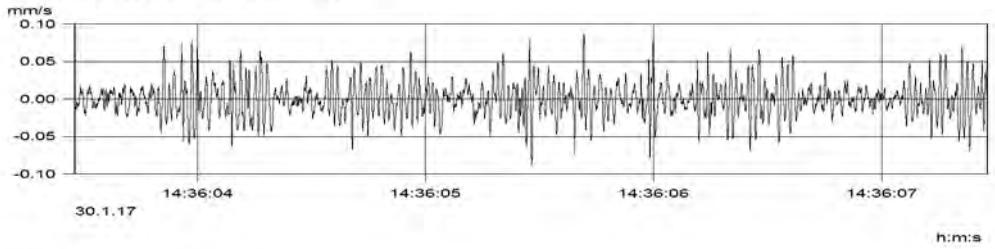
MP3.2 (Kanal\_004) v(max) = 0.123 mm/s



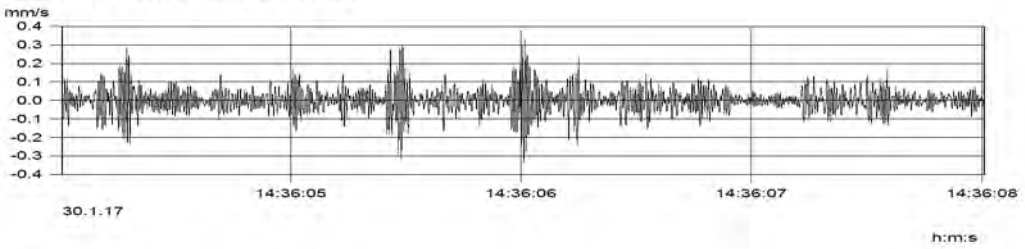
h:m:s

2017-01-30 14:34-08 (1): M8C Ri I

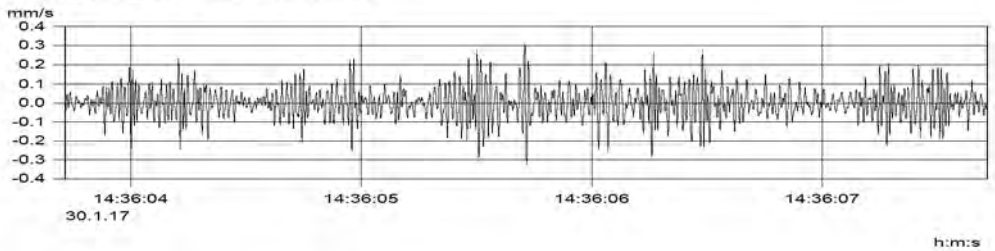
MP1 (Kanal\_001) v(max) = 0.089 mm/s



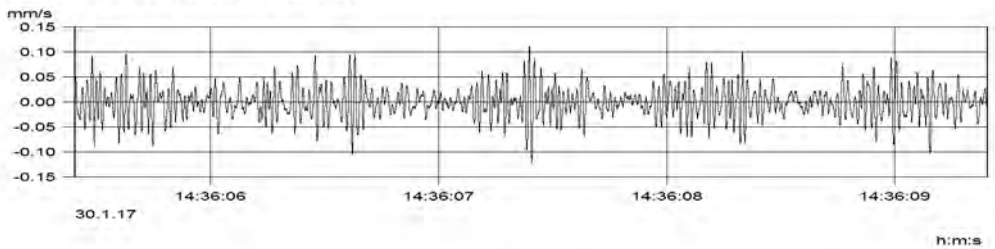
MP2.1 (Kanal\_002) v(max) = 0.340 mm/s



MP3.1 (Kanal\_003) v(max) = 0.326 mm/s

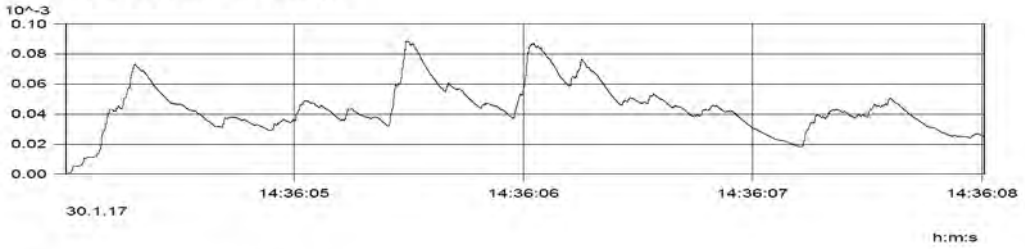


MP3.2 (Kanal\_004) v(max) = 0.123 mm/s

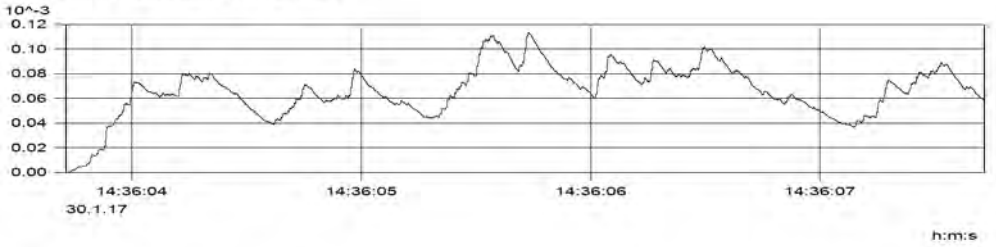


2017-01-30 14:34-08 (1): M8C Ri I

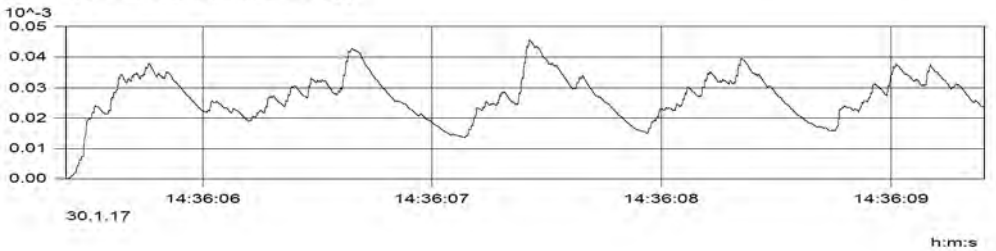
MP2.1 (Kanal\_002) KB(max) = 0.089[-]



MP3.1 (Kanal\_003) KB(max) = 0.114[-]



MP3.2 (Kanal\_004) KB(max) = 0.046[-]



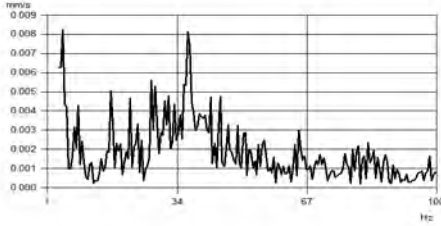


M8C Ri I

2017-01-30 14-34-08 (1)

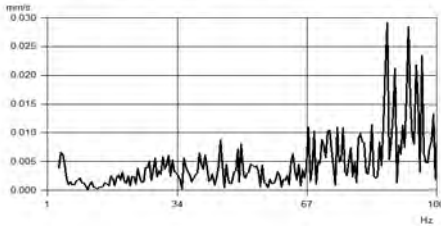
MP1 (Kanal\_001)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



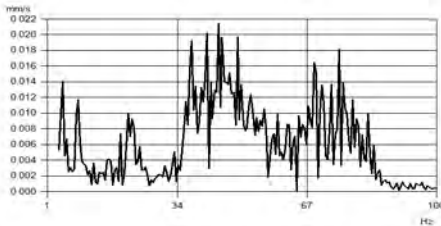
MP2.1 (Kanal\_002)

$f_e = 87.4 \text{ Hz} / v(\text{max}) = 0.029 \text{ mm/s}$



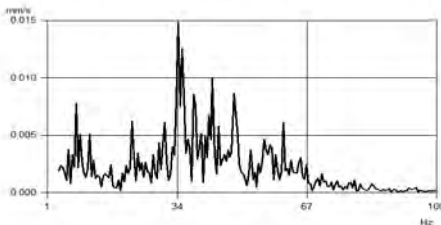
MP3.1 (Kanal\_003)

$f_e = 44.4 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



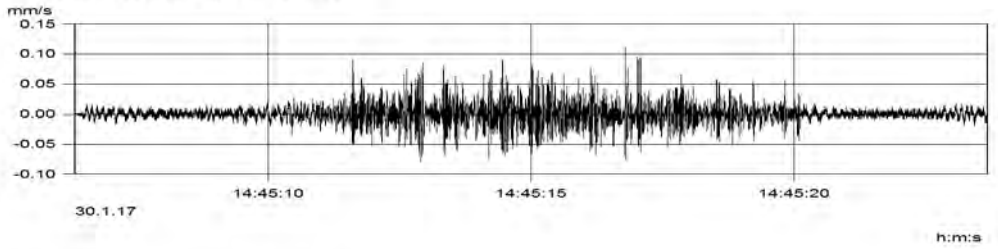
MP3.2 (Kanal\_004)

$f_e = 34.2 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$

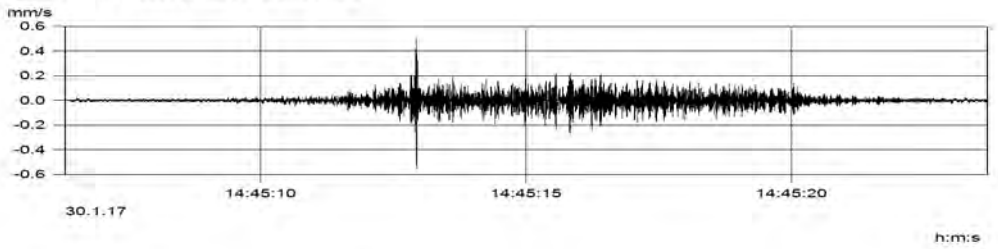


2017-01-30 14:40-24 (3): M8D Ri I

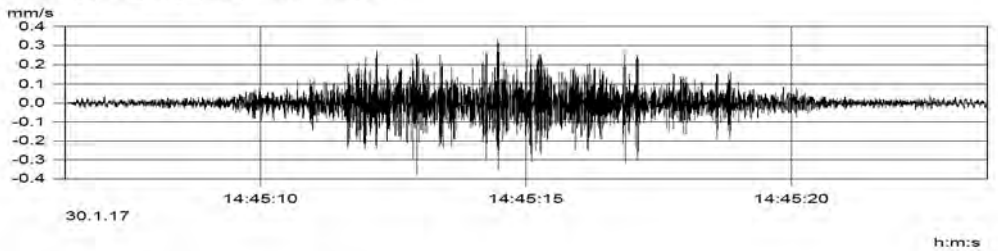
MP1 (Kanal\_001) v(max) = 0.112 mm/s



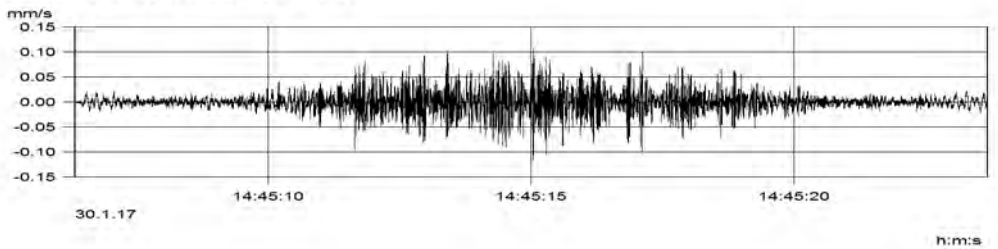
MP2.1 (Kanal\_002) v(max) = 0.558 mm/s



MP3.1 (Kanal\_003) v(max) = 0.377 mm/s

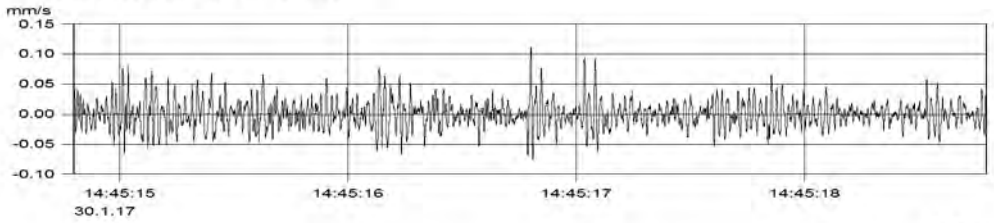


MP3.2 (Kanal\_004) v(max) = 0.116 mm/s



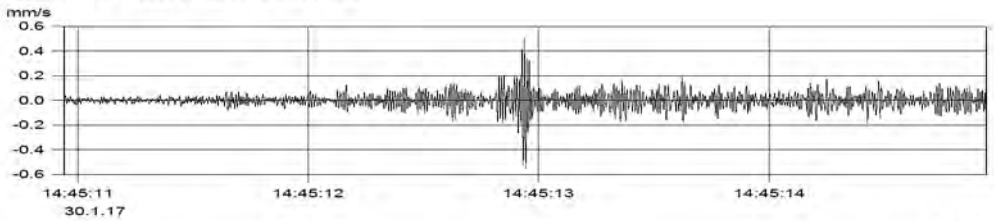
2017-01-30 14:40-24 (3): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.112 mm/s



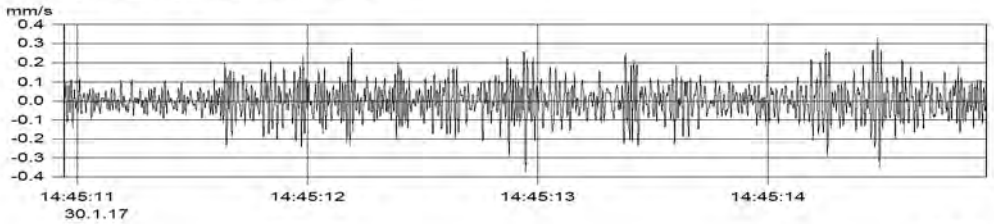
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.558 mm/s



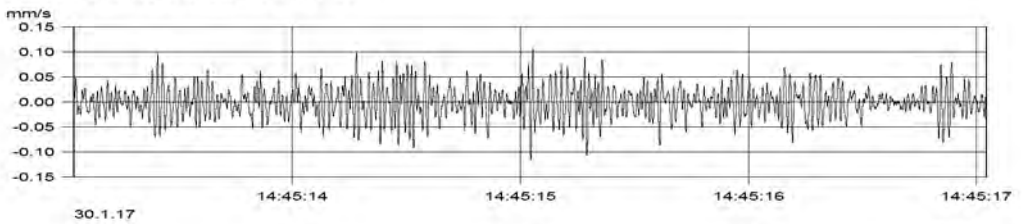
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.377 mm/s



h:m:s

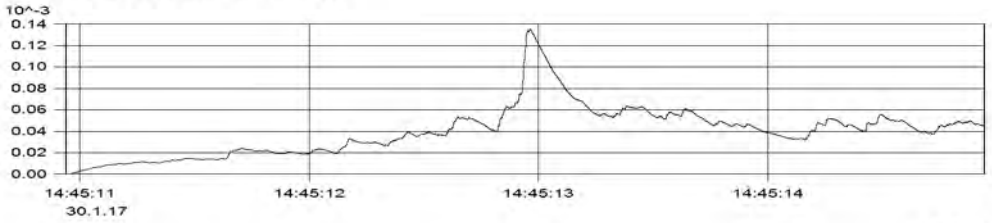
MP3.2 (Kanal\_004) v(max) = 0.116 mm/s



h:m:s

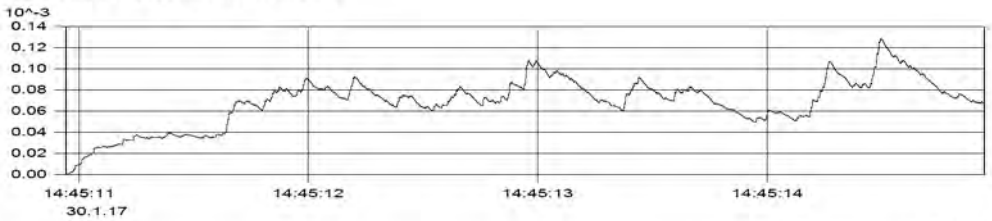
2017-01-30 14:40-24 (3): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.136[-]



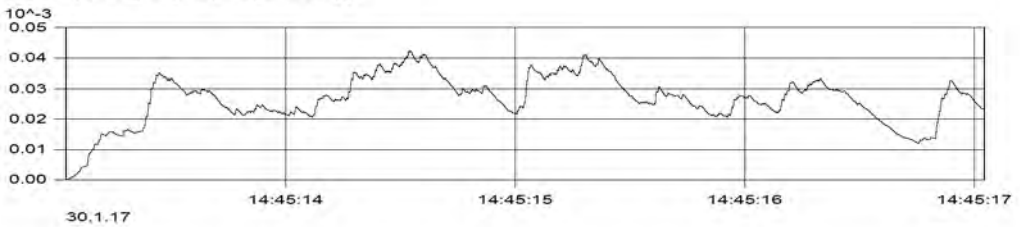
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.129[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.042[-]



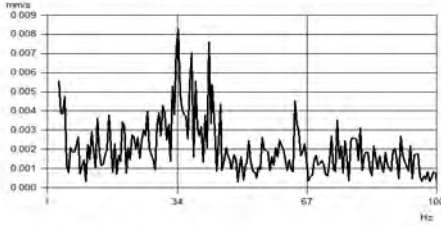
h:m:s

M8D Ri I

2017-01-30 14-40-24 (3)

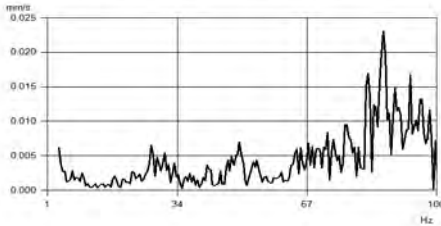
MP1 (Kanal\_001)

$f_e = 34.2 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



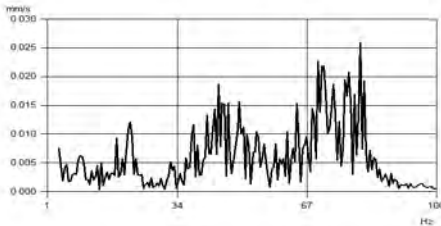
MP2.1 (Kanal\_002)

$f_e = 86.4 \text{ Hz} / v(\text{max}) = 0.023 \text{ mm/s}$



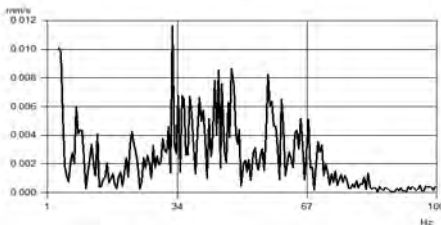
MP3.1 (Kanal\_003)

$f_e = 80.6 \text{ Hz} / v(\text{max}) = 0.026 \text{ mm/s}$



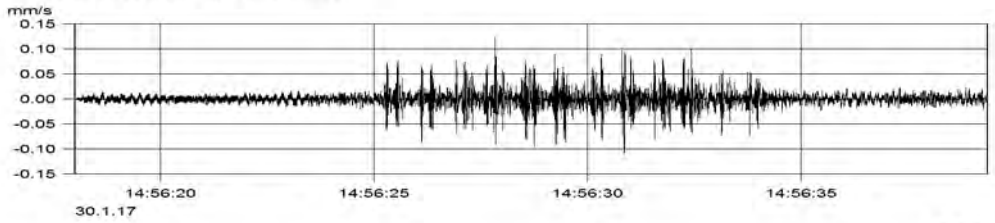
MP3.2 (Kanal\_004)

$f_e = 32.7 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



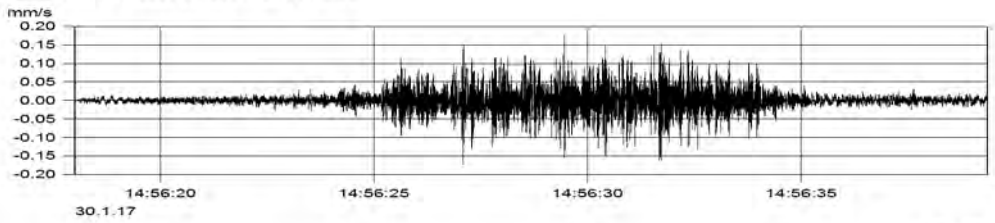
2017-01-30 14:45-58 (4): M8C 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.123 mm/s



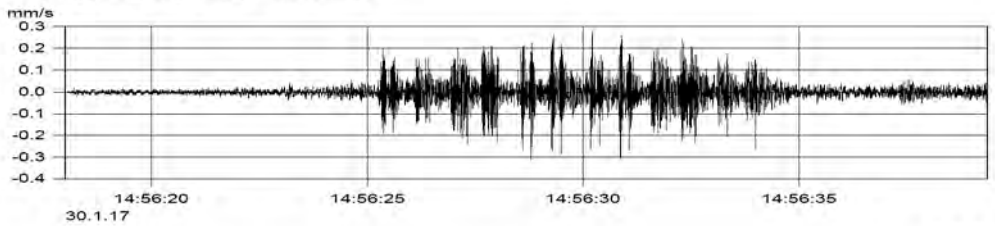
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.177 mm/s



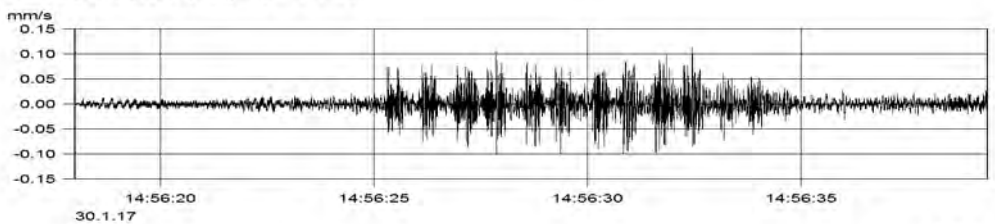
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.310 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.113 mm/s

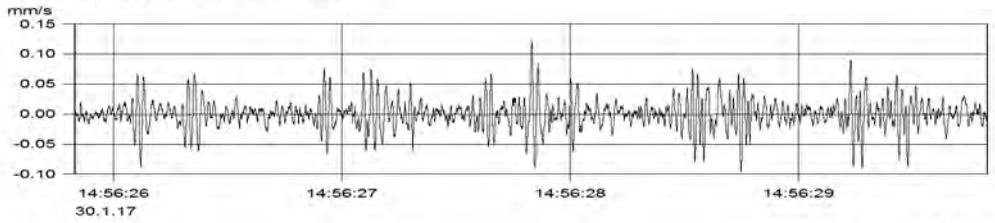


h:m:s



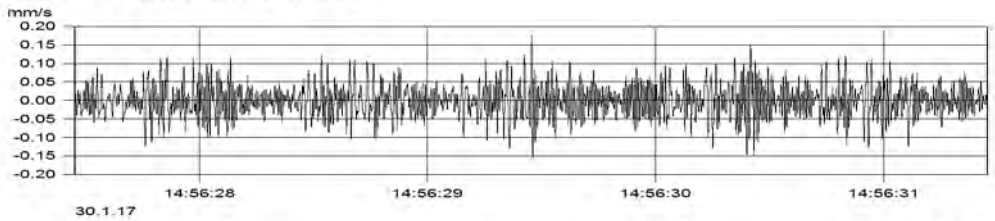
2017-01-30 14:45-58 (4): M8C 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.123 mm/s



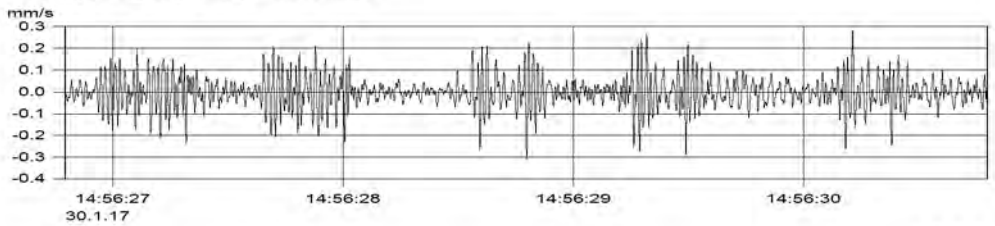
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.177 mm/s



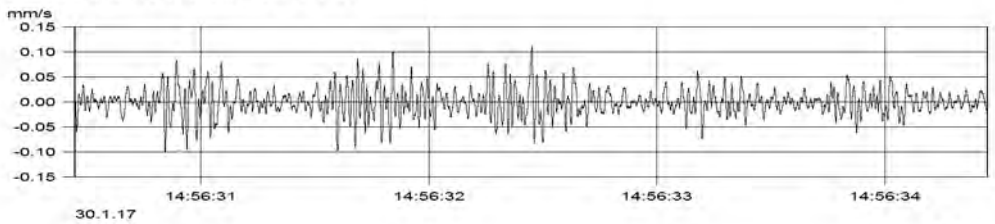
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.310 mm/s



h:m:s

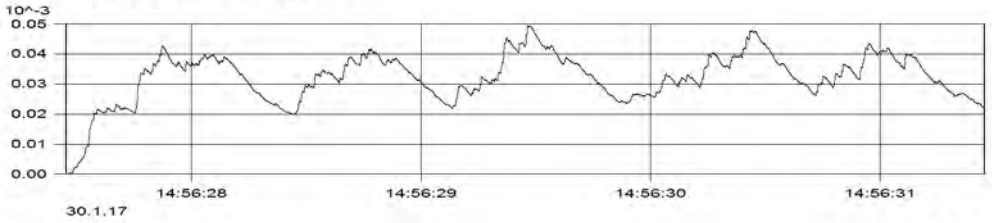
MP3.2 (Kanal\_004) v(max) = 0.113 mm/s



h:m:s

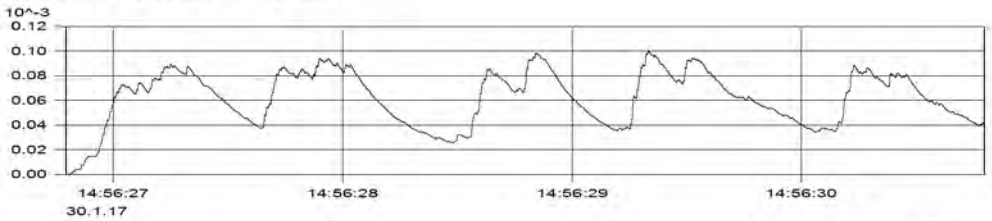
2017-01-30 14:45-58 (4): M8C 3fach Ri II

MP2.1 (Kanal\_002) KB(max) = 0.050[-]



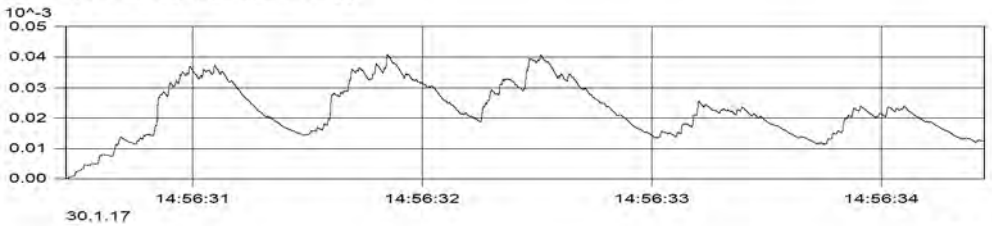
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.100[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.041[-]



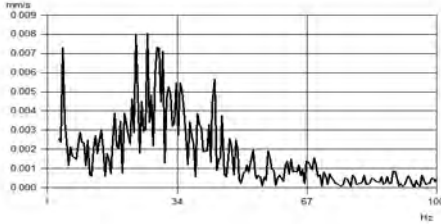
h:m:s

M8C 3fach Ri II

2017-01-30 14-45-58 (4)

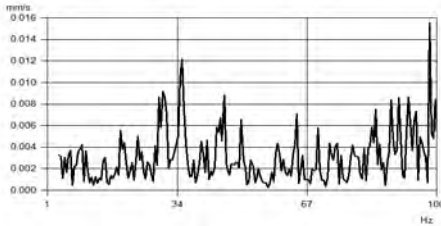
MP1 (Kanal\_001)

$f_e = 26.4 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



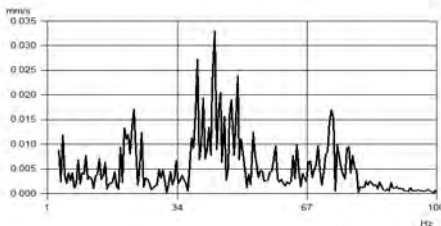
MP2.1 (Kanal\_002)

$f_e = 98.1 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



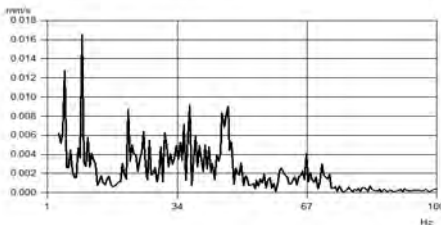
MP3.1 (Kanal\_003)

$f_e = 43.5 \text{ Hz} / v(\text{max}) = 0.033 \text{ mm/s}$



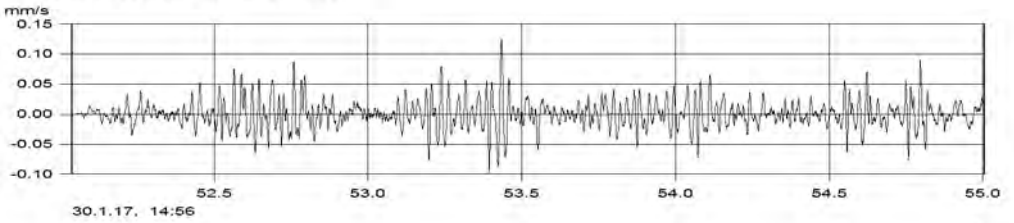
MP3.2 (Kanal\_004)

$f_e = 9.8 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



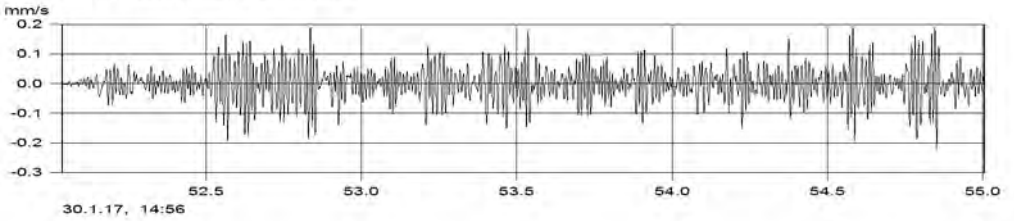
2017-01-30 14:56-51 (5): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.125 mm/s



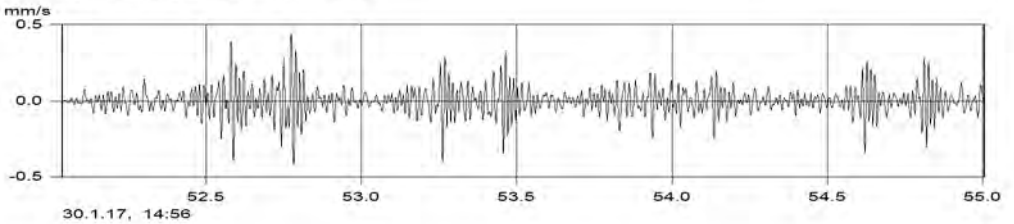
s

MP2.1 (Kanal\_002) v(max) = 0.225 mm/s



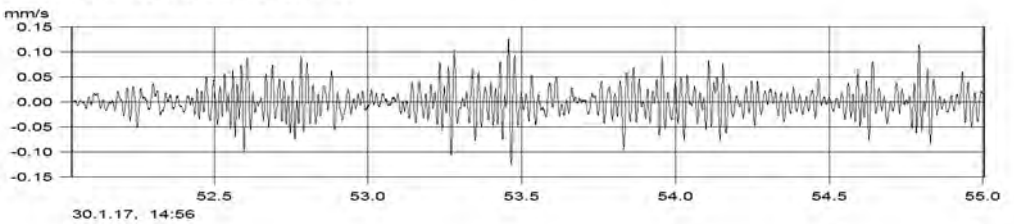
s

MP3.1 (Kanal\_003) v(max) = 0.441 mm/s



s

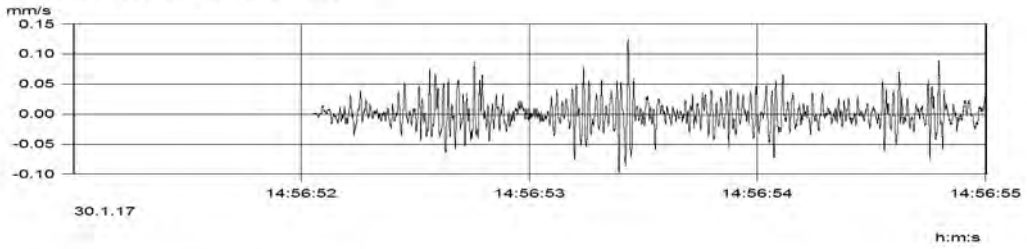
MP3.2 (Kanal\_004) v(max) = 0.127 mm/s



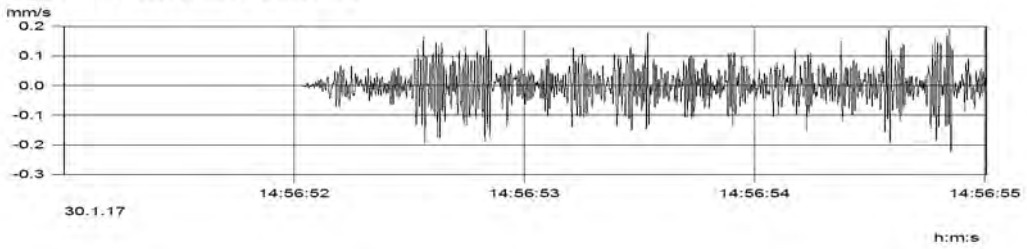
s

2017-01-30 14:56-51 (5): M8D Ri I

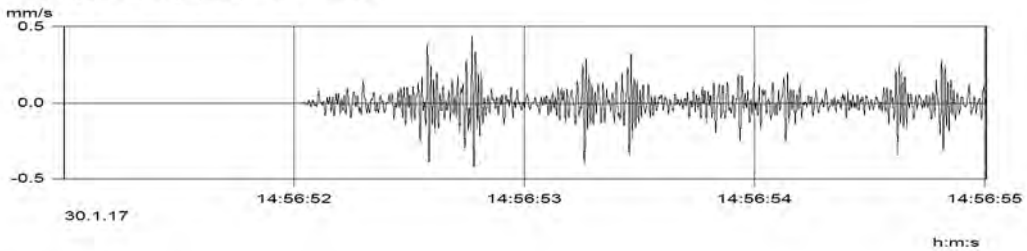
MP1 (Kanal\_001) v(max) = 0.125 mm/s



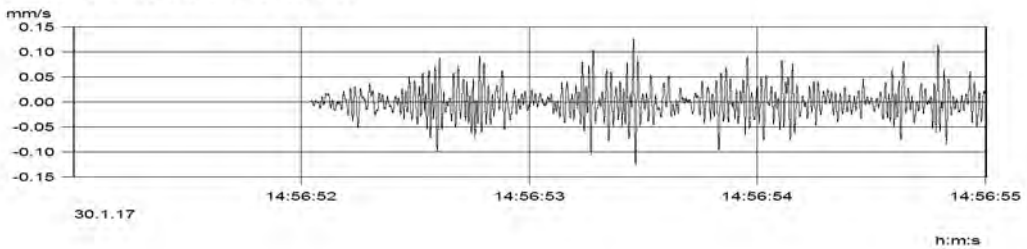
MP2.1 (Kanal\_002) v(max) = 0.225 mm/s



MP3.1 (Kanal\_003) v(max) = 0.441 mm/s

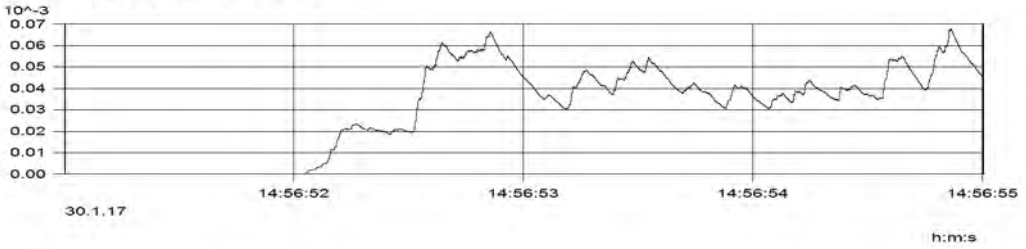


MP3.2 (Kanal\_004) v(max) = 0.127 mm/s

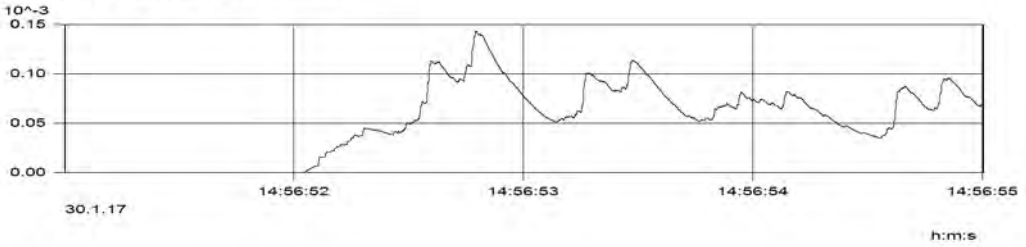


2017-01-30 14:56-51 (5): M8D Ri I

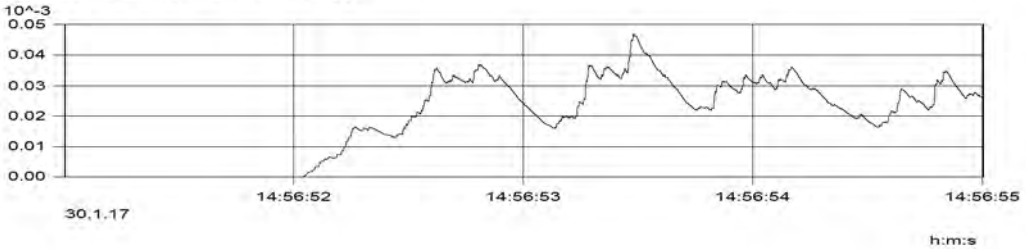
MP2.1 (Kanal\_002) KB(max) = 0.068[-]



MP3.1 (Kanal\_003) KB(max) = 0.144[-]



MP3.2 (Kanal\_004) KB(max) = 0.047[-]

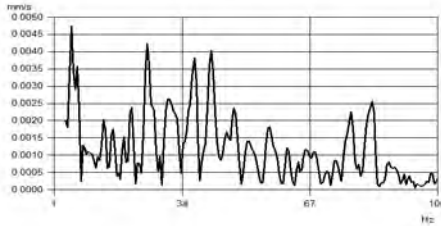


M8D Ri I

2017-01-30 14-56-51 (5)

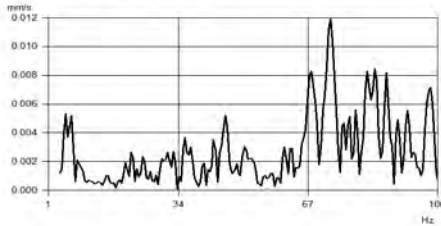
MP1 (Kanal\_001)

$f_e = 5.4 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



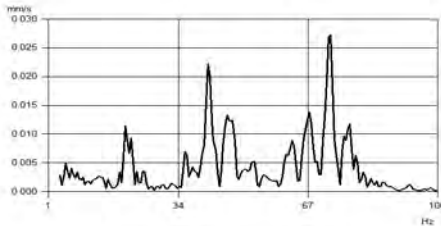
MP2.1 (Kanal\_002)

$f_e = 72.8 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



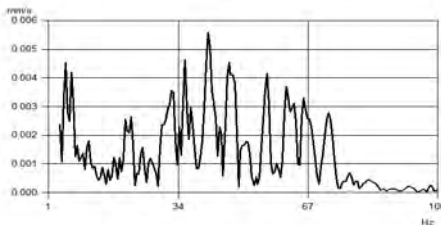
MP3.1 (Kanal\_003)

$f_e = 72.8 \text{ Hz} / v(\text{max}) = 0.027 \text{ mm/s}$



MP3.2 (Kanal\_004)

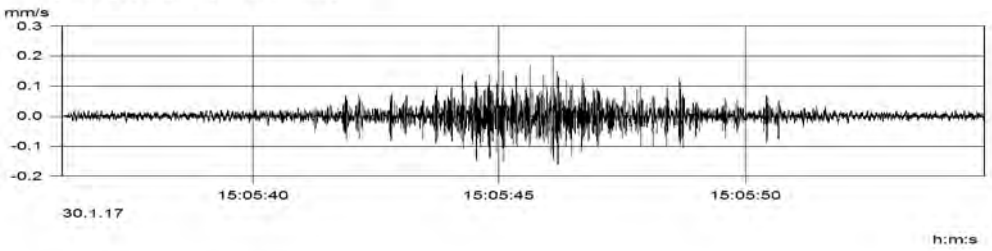
$f_e = 41.5 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



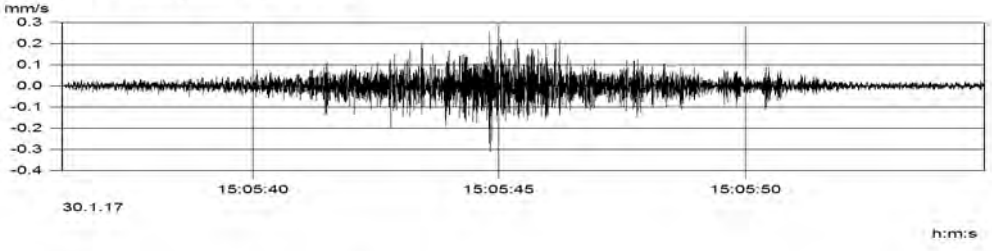


2017-01-30 15-03-08 (7): M8C Ri II

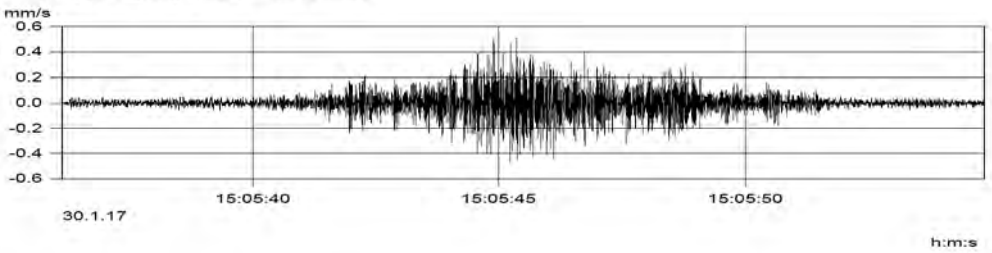
MP1 (Kanal\_001) v(max) = 0.201 mm/s



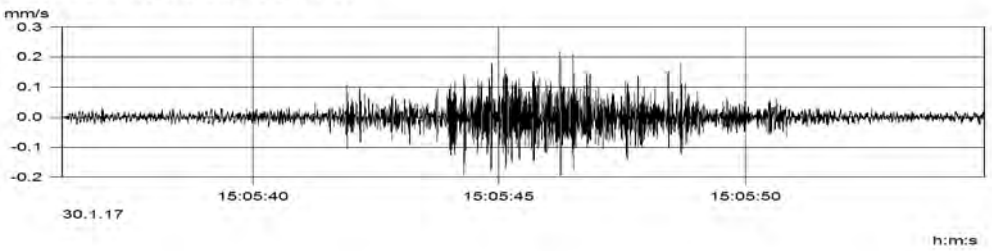
MP2.1 (Kanal\_002) v(max) = 0.310 mm/s



MP3.1 (Kanal\_003) v(max) = 0.512 mm/s

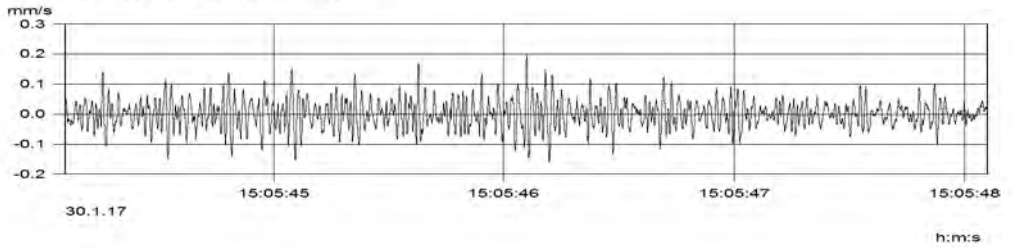


MP3.2 (Kanal\_004) v(max) = 0.217 mm/s

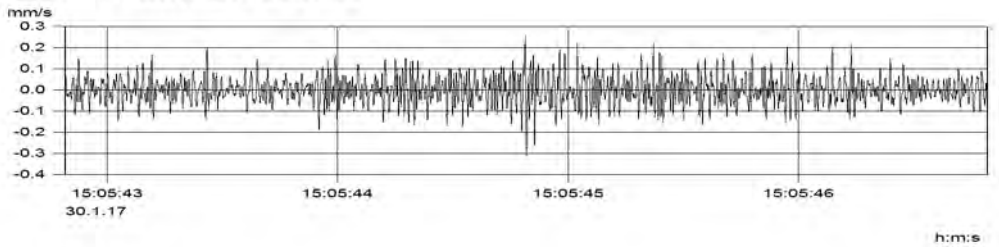


2017-01-30 15-03-08 (7): M8C Ri II

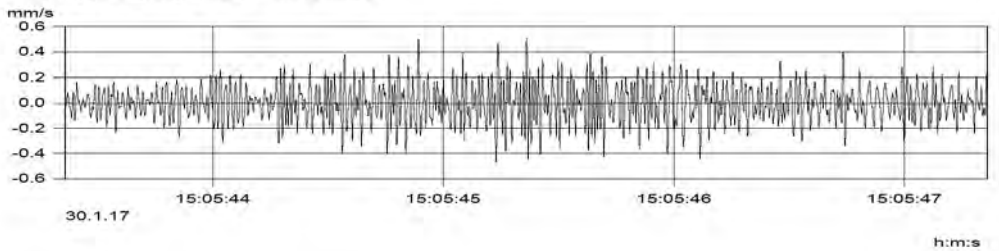
MP1 (Kanal\_001) v(max) = 0.201 mm/s



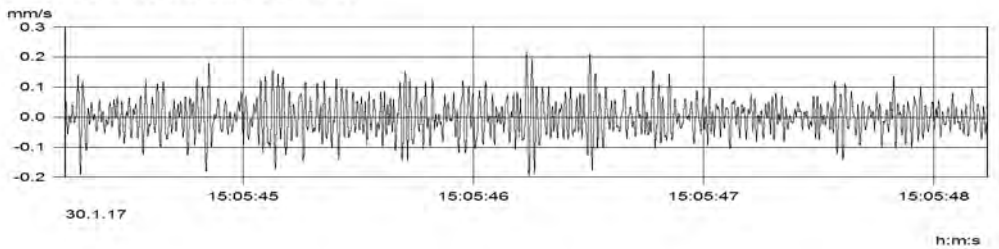
MP2.1 (Kanal\_002) v(max) = 0.310 mm/s



MP3.1 (Kanal\_003) v(max) = 0.512 mm/s

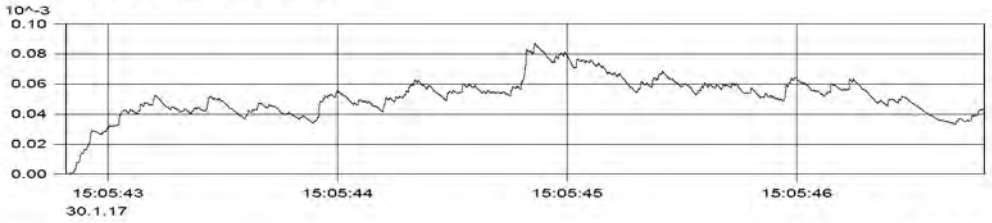


MP3.2 (Kanal\_004) v(max) = 0.217 mm/s



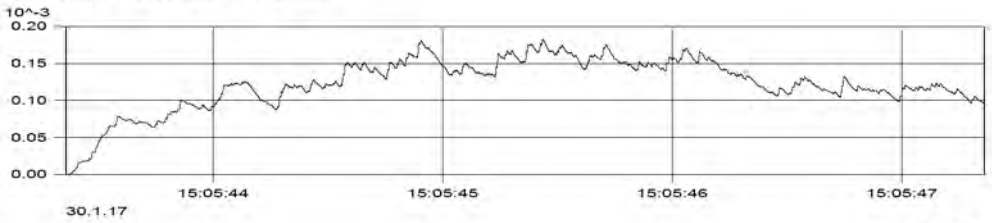
2017-01-30 15-03-08 (7): M8C Ri II

MP2.1 (Kanal\_002) KB(max) = 0.087[-]



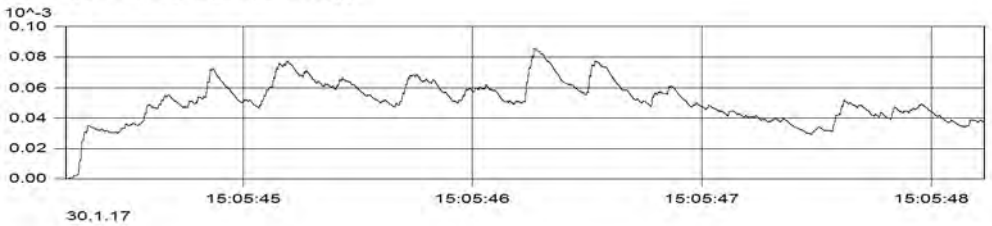
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.183[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.086[-]



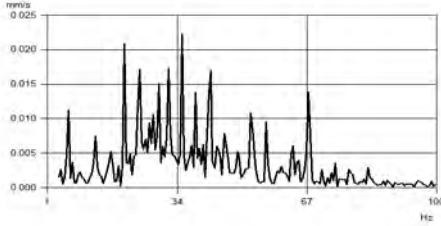
h:m:s

M8C Ri II

2017-01-30 15-03-08 (7)

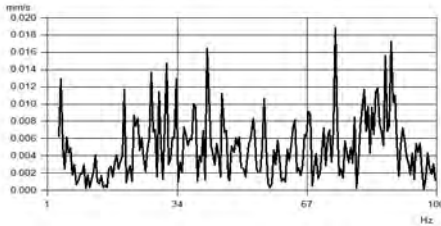
MP1 (Kanal\_001)

$f_e = 35.2 \text{ Hz} / v(\text{max}) = 0.022 \text{ mm/s}$



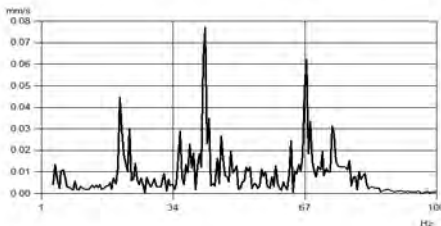
MP2.1 (Kanal\_002)

$f_e = 74.2 \text{ Hz} / v(\text{max}) = 0.019 \text{ mm/s}$



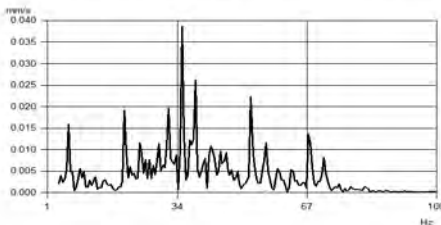
MP3.1 (Kanal\_003)

$f_e = 42.0 \text{ Hz} / v(\text{max}) = 0.077 \text{ mm/s}$



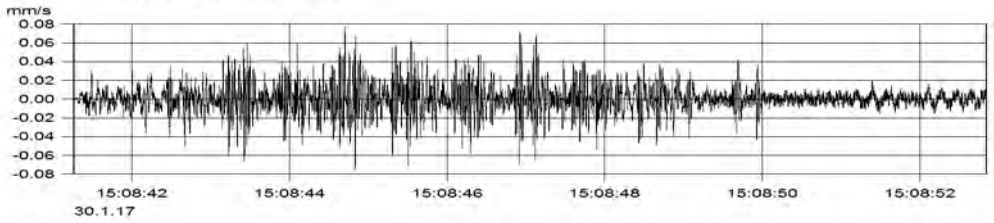
MP3.2 (Kanal\_004)

$f_e = 35.2 \text{ Hz} / v(\text{max}) = 0.039 \text{ mm/s}$

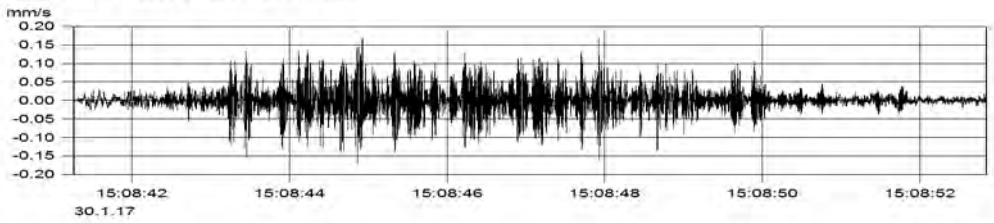


2017-01-30 15-06-01 (8): M8D Ri I

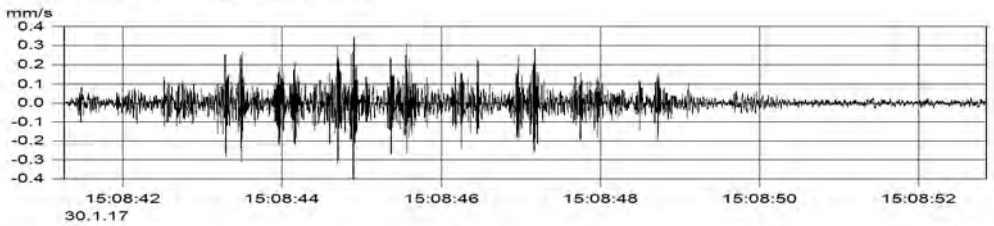
MP1 (Kanal\_001) v(max) = 0.077 mm/s



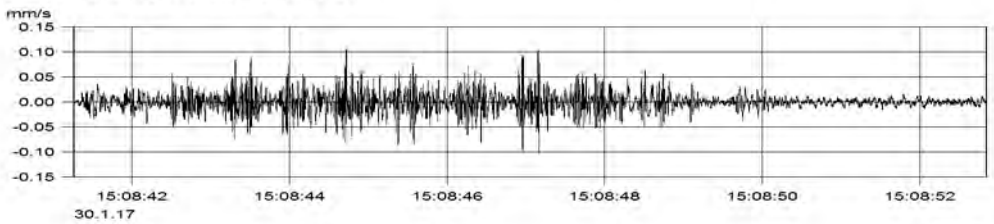
MP2.1 (Kanal\_002) v(max) = 0.171 mm/s



MP3.1 (Kanal\_003) v(max) = 0.399 mm/s

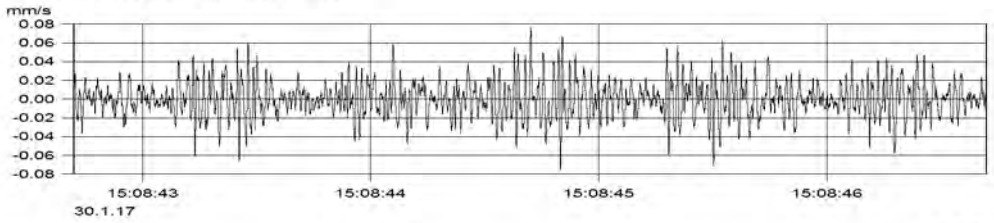


MP3.2 (Kanal\_004) v(max) = 0.105 mm/s



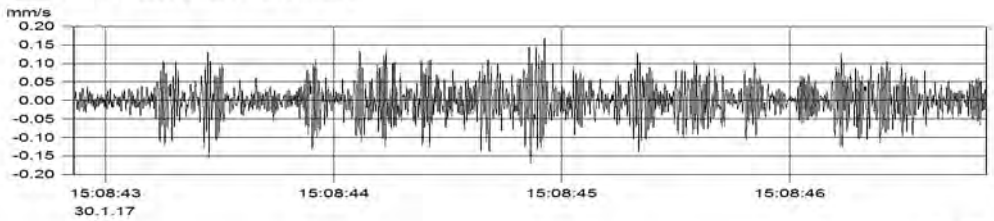
2017-01-30 15-06-01 (8): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.077 mm/s



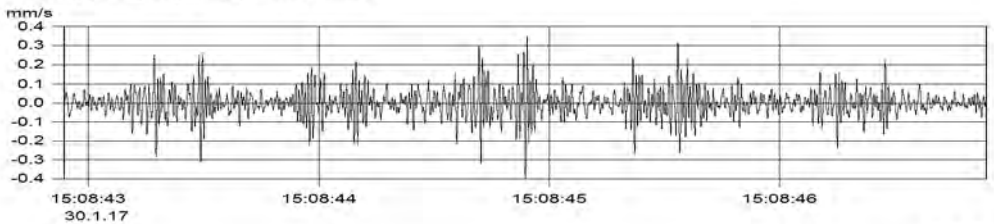
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.171 mm/s



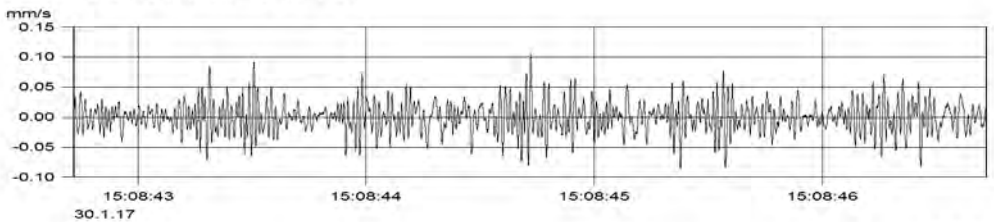
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.399 mm/s



h:m:s

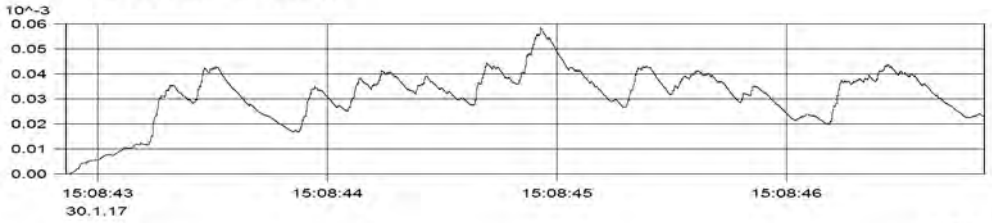
MP3.2 (Kanal\_004) v(max) = 0.105 mm/s



h:m:s

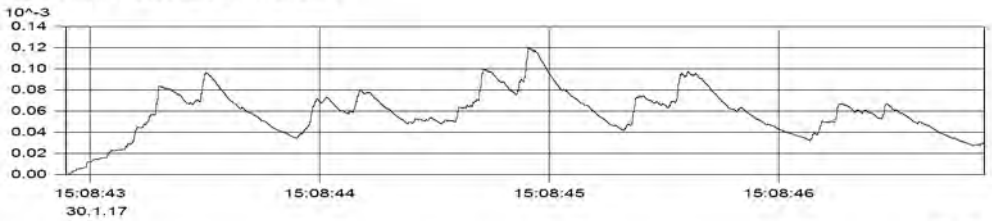
2017-01-30 15:06-01 (8): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.059[-]



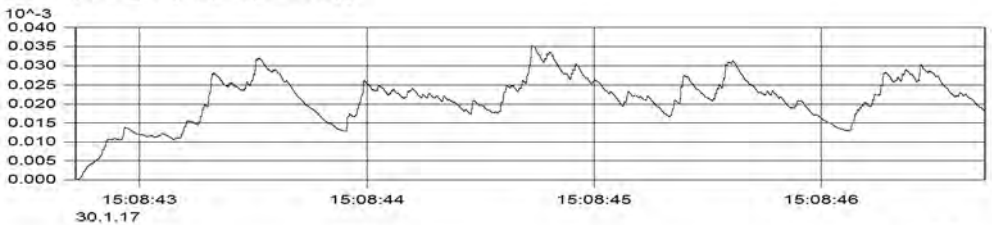
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.120[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.035[-]



h:m:s

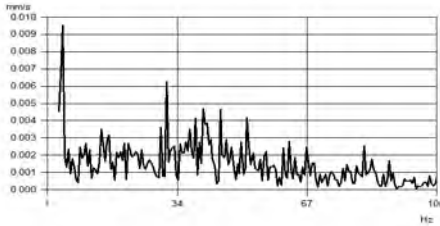


M8D Ri I

2017-01-30 15-06-01 (8)

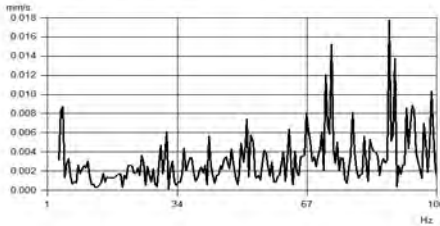
MP1 (Kanal\_001)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



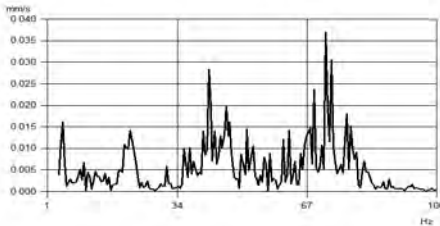
MP2.1 (Kanal\_002)

$f_e = 87.9 \text{ Hz} / v(\text{max}) = 0.018 \text{ mm/s}$



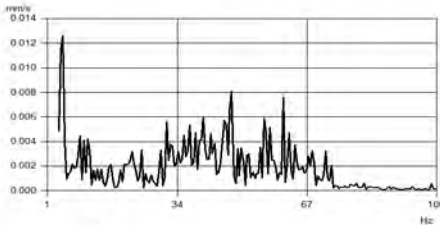
MP3.1 (Kanal\_003)

$f_e = 71.8 \text{ Hz} / v(\text{max}) = 0.037 \text{ mm/s}$



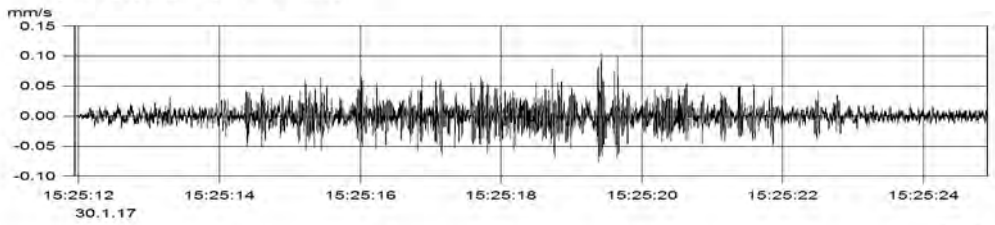
MP3.2 (Kanal\_004)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$

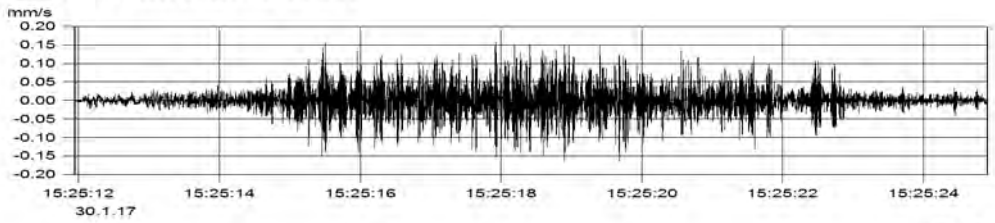


2017-01-30 15:22-20 (12): M8D Ri I

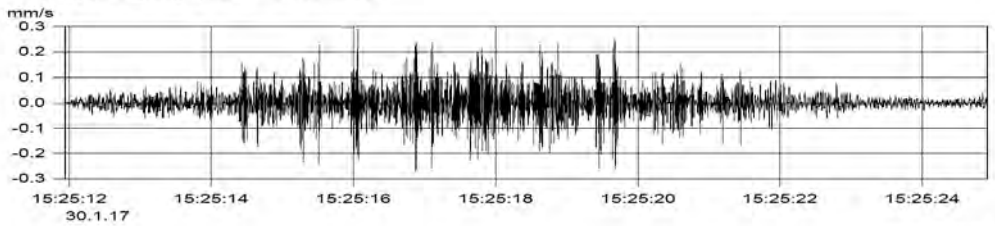
MP1 (Kanal\_001) v(max) = 0.104 mm/s



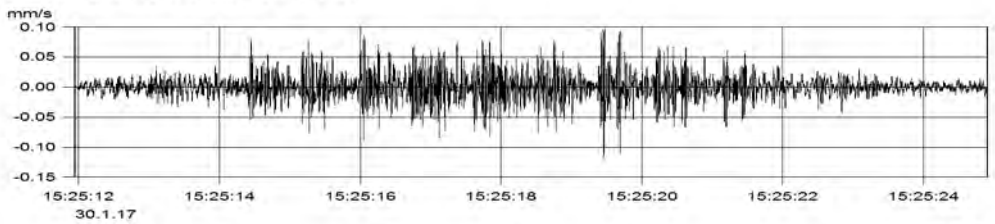
MP2.1 (Kanal\_002) v(max) = 0.164 mm/s



MP3.1 (Kanal\_003) v(max) = 0.292 mm/s

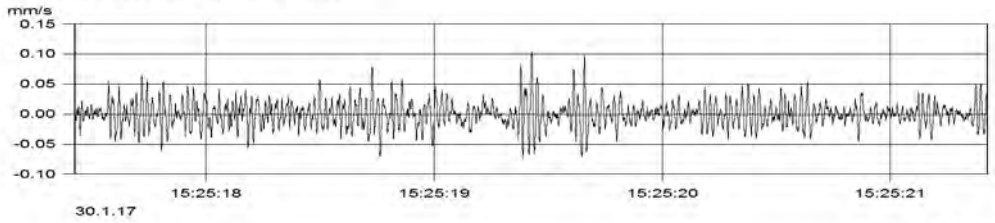


MP3.2 (Kanal\_004) v(max) = 0.119 mm/s



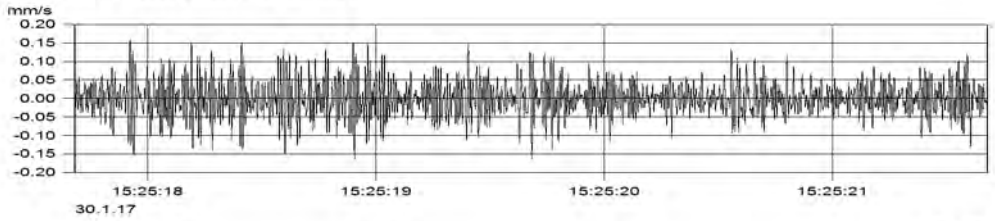
2017-01-30 15:22-20 (12): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.104 mm/s



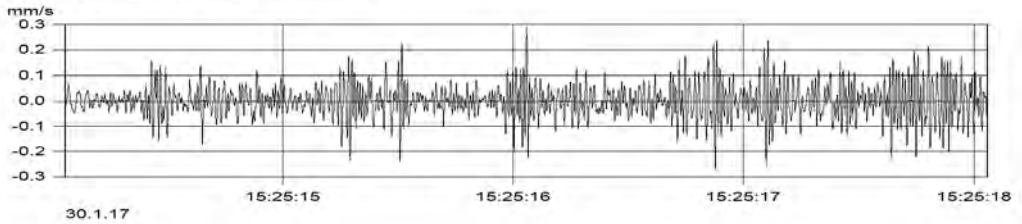
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.164 mm/s



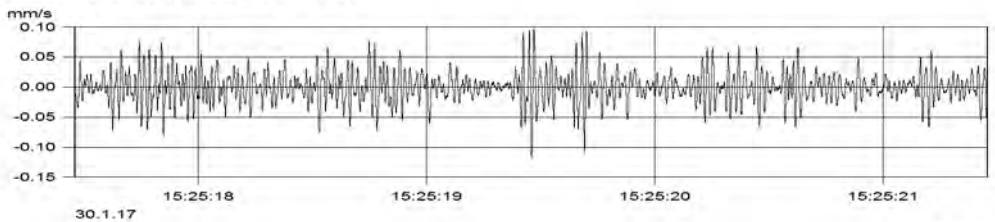
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.292 mm/s



h:m:s

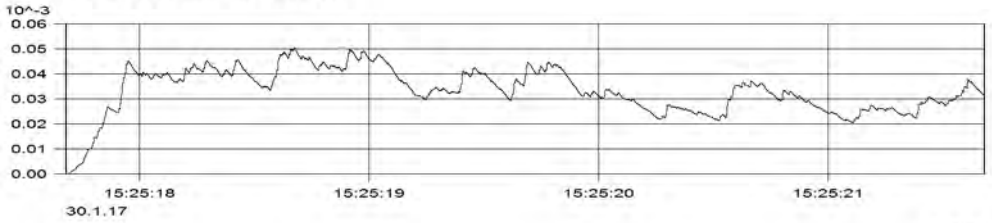
MP3.2 (Kanal\_004) v(max) = 0.119 mm/s



h:m:s

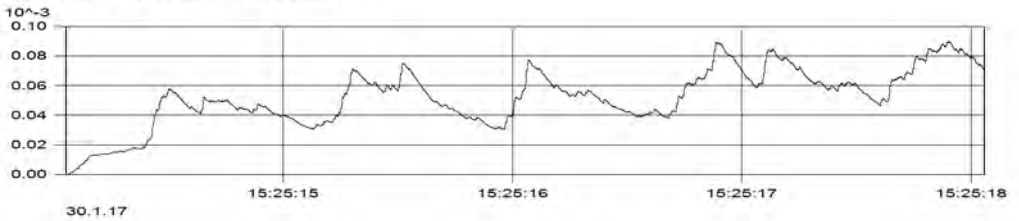
2017-01-30 15:22-20 (12): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.050[-]



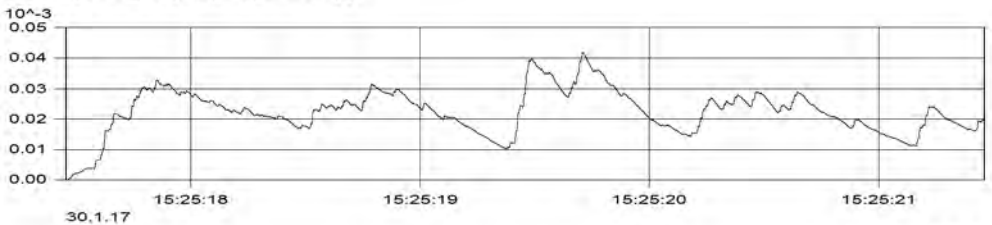
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.090[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.042[-]



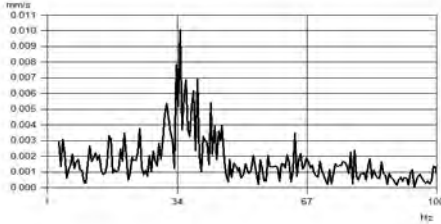
h:m:s

M8D Ri I

2017-01-30 15-22-20 (12)

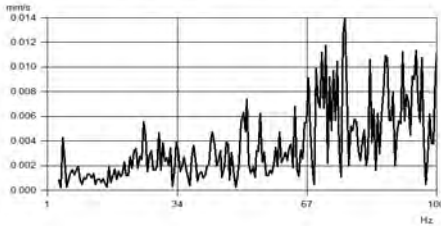
MP1 (Kanal\_001)

$f_e = 34.7 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



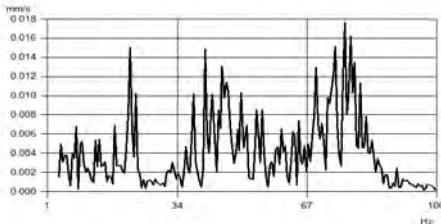
MP2.1 (Kanal\_002)

$f_e = 76.7 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



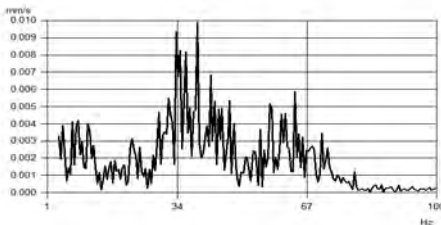
MP3.1 (Kanal\_003)

$f_e = 76.7 \text{ Hz} / v(\text{max}) = 0.018 \text{ mm/s}$



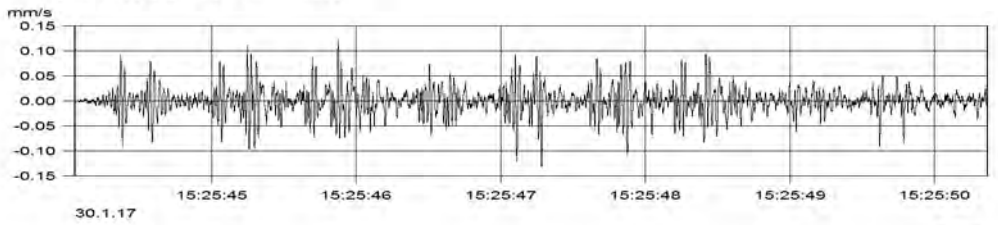
MP3.2 (Kanal\_004)

$f_e = 39.1 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



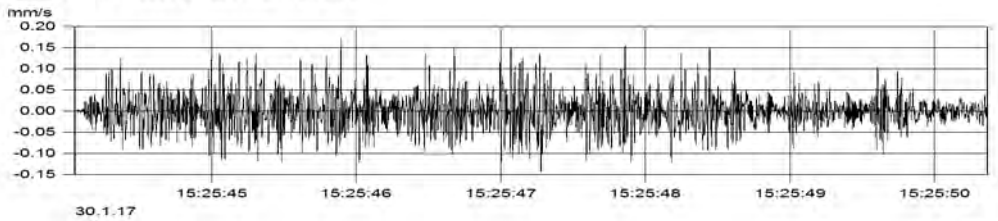
2017-01-30 15:25-30 (13): M8C Ri II

MP1 (Kanal\_001) v(max) = 0.131 mm/s



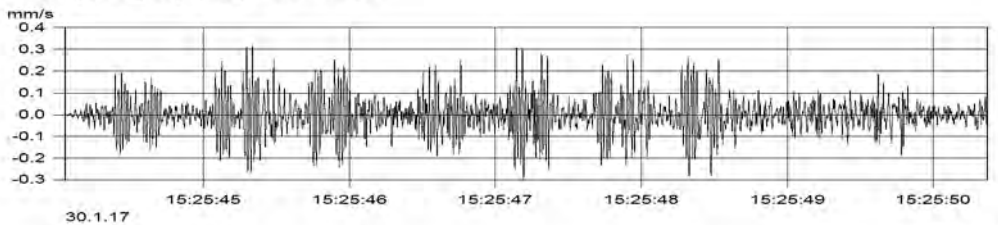
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.170 mm/s



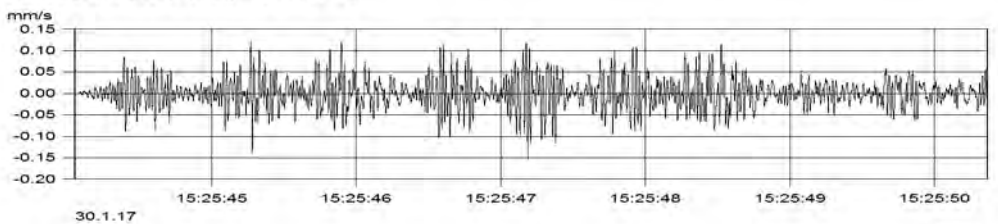
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.317 mm/s



h:m:s

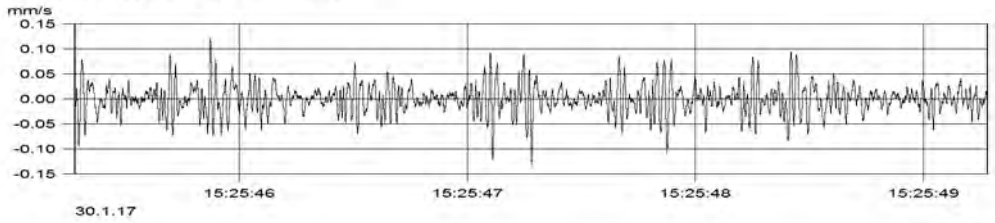
MP3.2 (Kanal\_004) v(max) = 0.154 mm/s



h:m:s

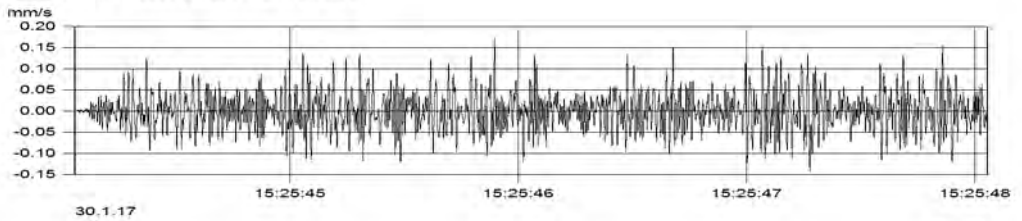
2017-01-30 15:25-30 (13): M8C Ri II

MP1 (Kanal\_001) v(max) = 0.131 mm/s



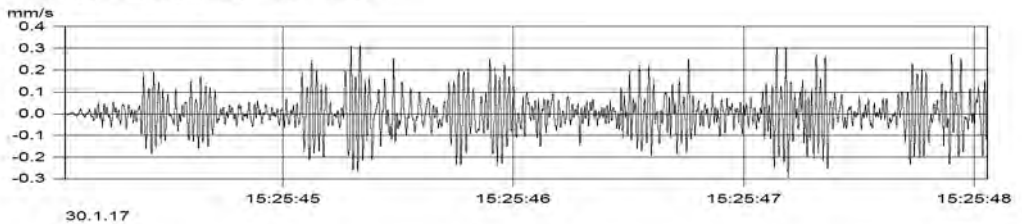
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.170 mm/s



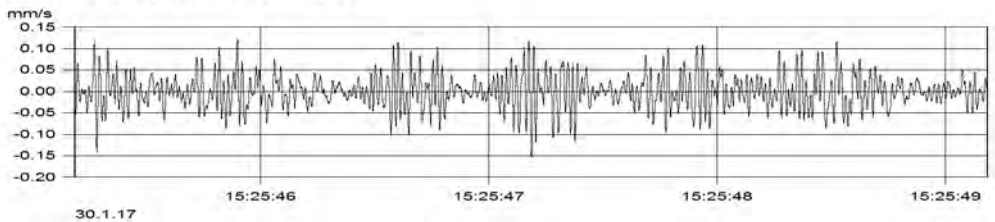
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.317 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.154 mm/s

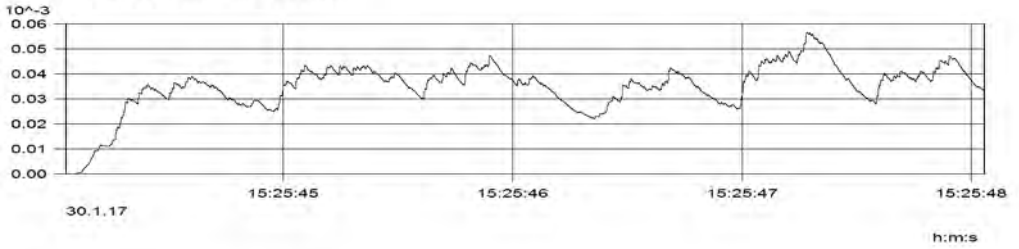


h:m:s

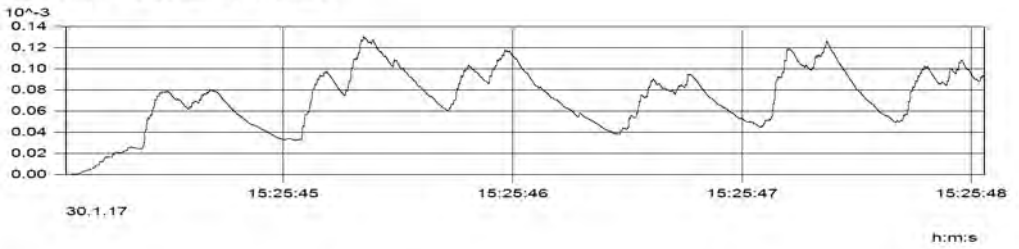


2017-01-30 15:25-30 (13): M8C Ri II

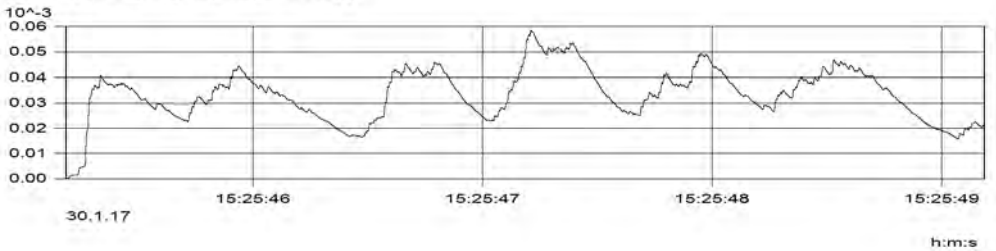
MP2.1 (Kanal\_002) KB(max) = 0.057[-]



MP3.1 (Kanal\_003) KB(max) = 0.130[-]



MP3.2 (Kanal\_004) KB(max) = 0.059[-]

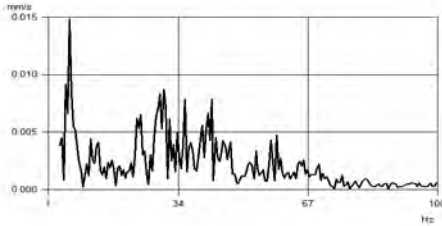


M8C Ri II

2017-01-30 15-25-30 (13)

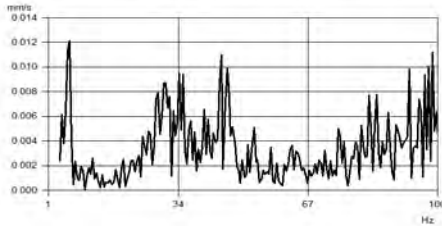
MP1 (Kanal\_001)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



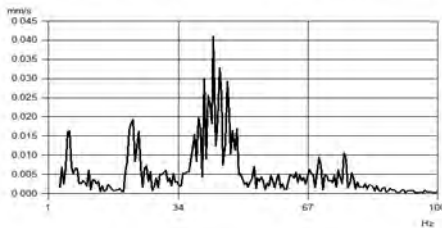
MP2.1 (Kanal\_002)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



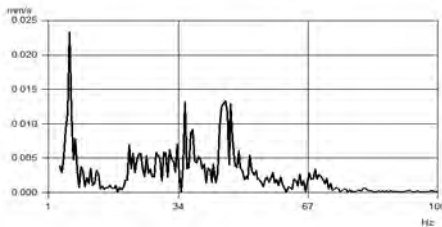
MP3.1 (Kanal\_003)

$f_e = 43.0 \text{ Hz} / v(\text{max}) = 0.041 \text{ mm/s}$



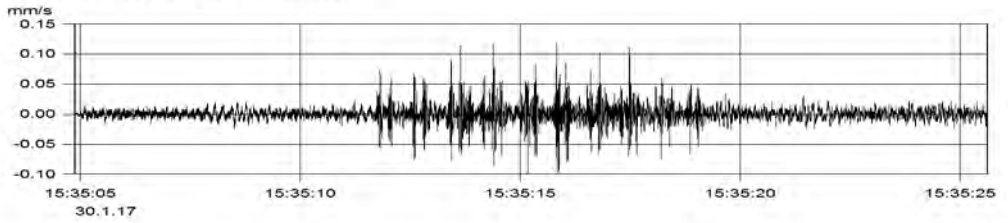
MP3.2 (Kanal\_004)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.023 \text{ mm/s}$



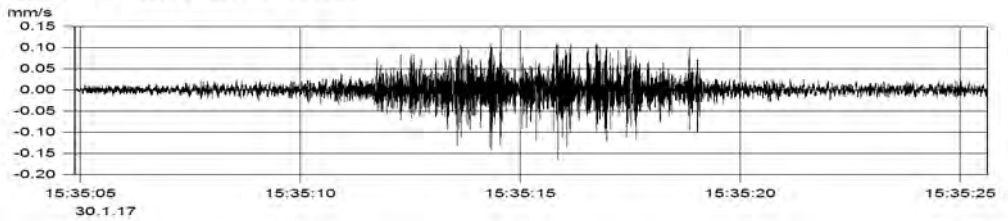
2017-01-30 15:25-56 (14): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.118 mm/s



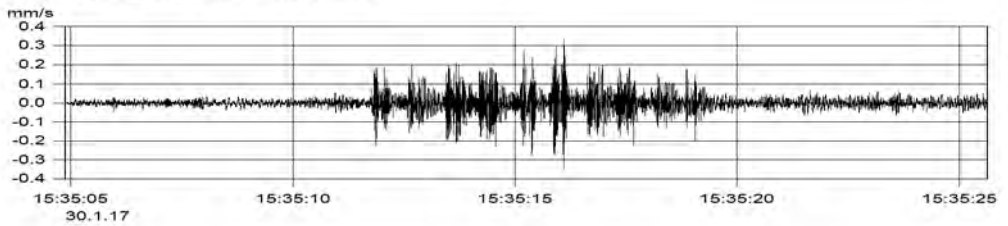
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.165 mm/s



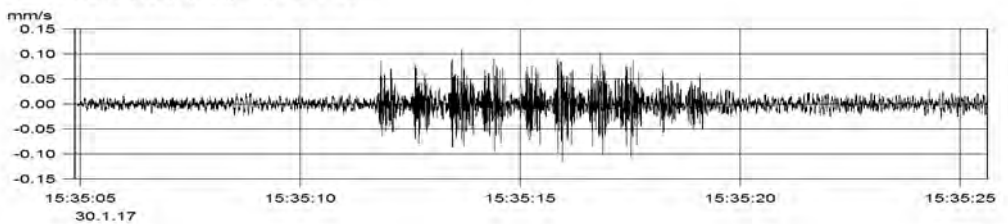
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.345 mm/s



h:m:s

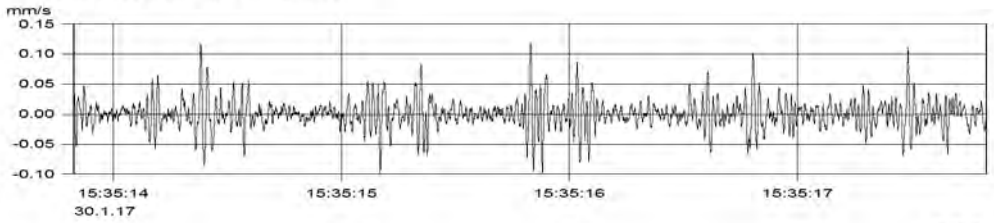
MP3.2 (Kanal\_004) v(max) = 0.115 mm/s



h:m:s

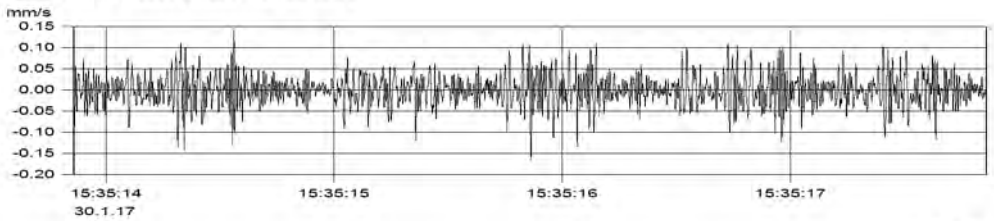
2017-01-30 15:25-56 (14): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.118 mm/s



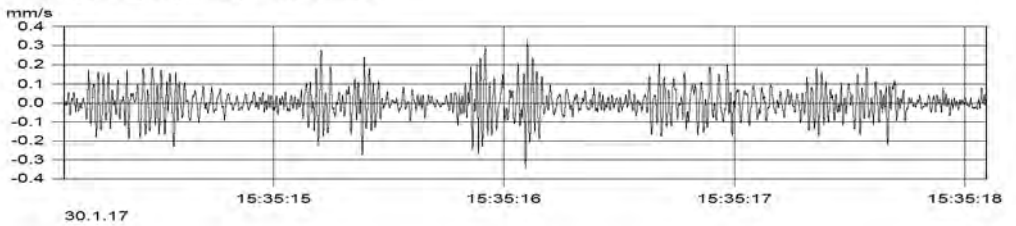
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.165 mm/s



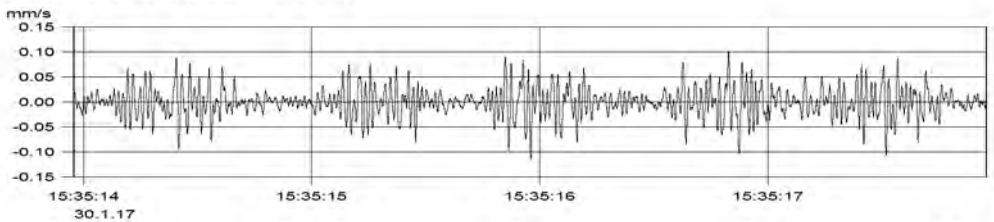
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.345 mm/s



h:m:s

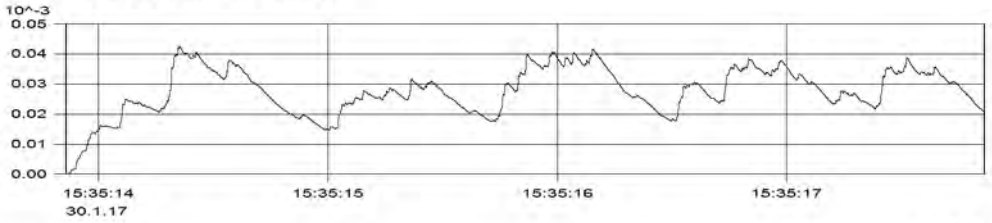
MP3.2 (Kanal\_004) v(max) = 0.115 mm/s



h:m:s

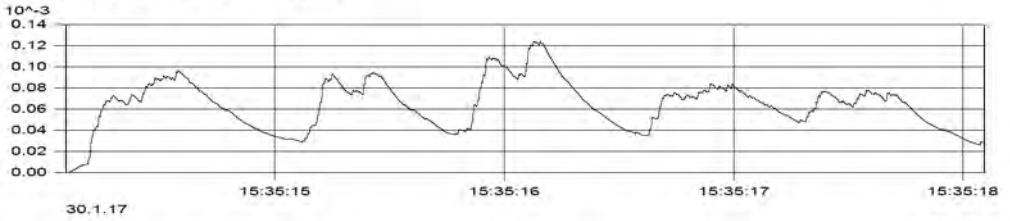
2017-01-30 15:25-56 (14): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.043[-]



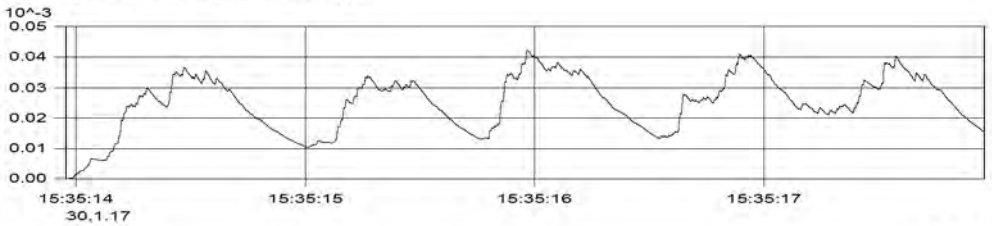
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.124[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.042[-]



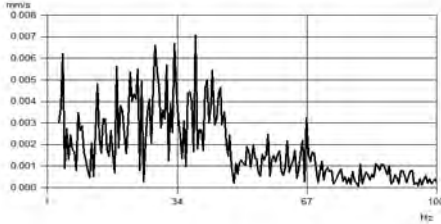
h:m:s

M8D Ri II

2017-01-30 15-25-56 (14)

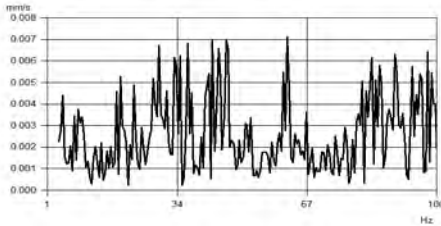
MP1 (Kanal\_001)

$f_e = 38.6 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



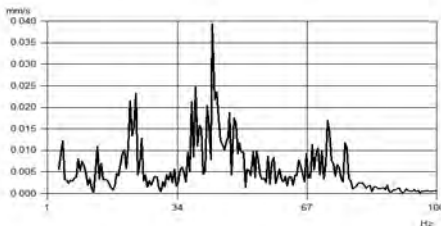
MP2.1 (Kanal\_002)

$f_e = 62.0 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



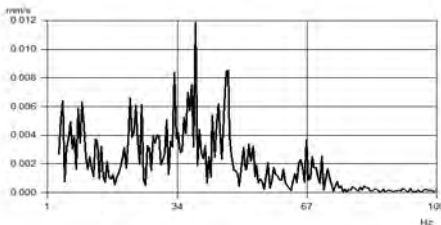
MP3.1 (Kanal\_003)

$f_e = 43.0 \text{ Hz} / v(\text{max}) = 0.039 \text{ mm/s}$



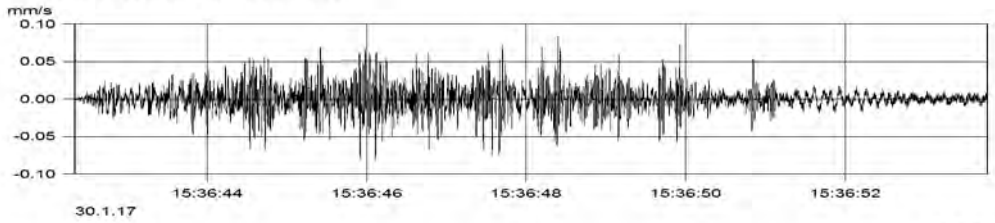
MP3.2 (Kanal\_004)

$f_e = 38.6 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



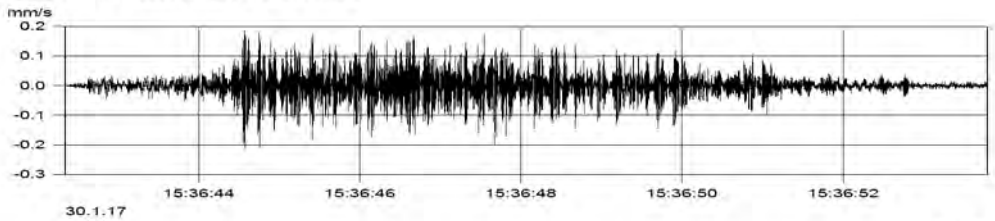
2017-01-30 15:35-26 (15): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.084 mm/s



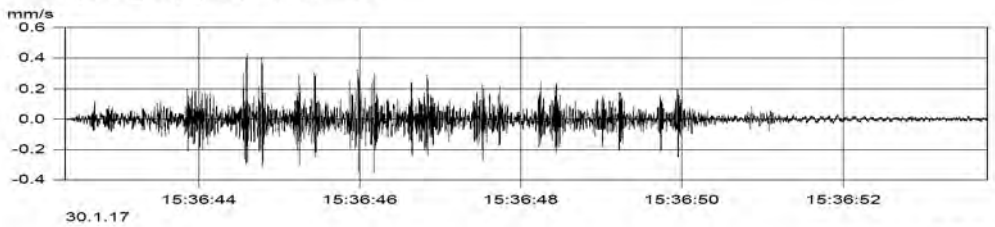
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.211 mm/s



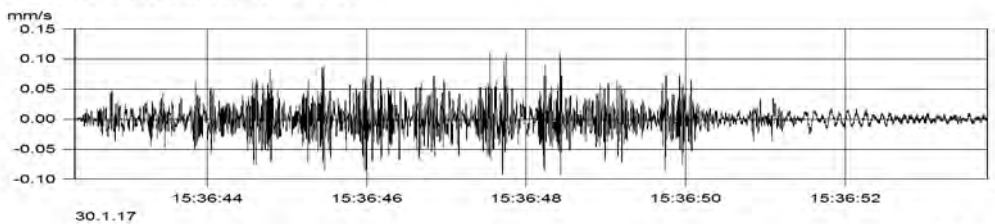
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.429 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.111 mm/s

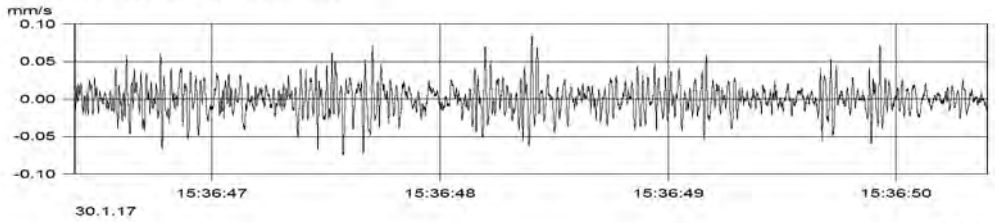


h:m:s



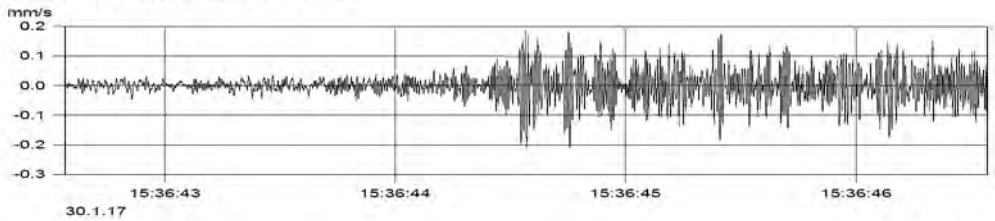
2017-01-30 15:35-26 (15): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.084 mm/s



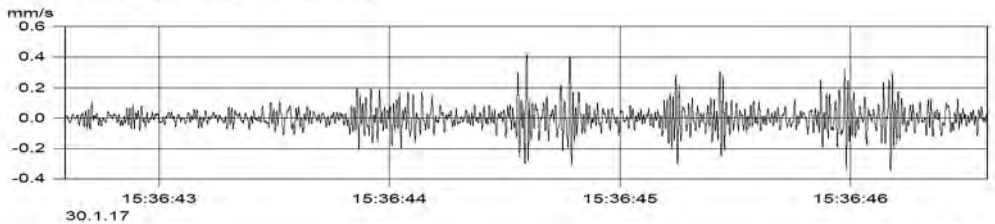
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.211 mm/s



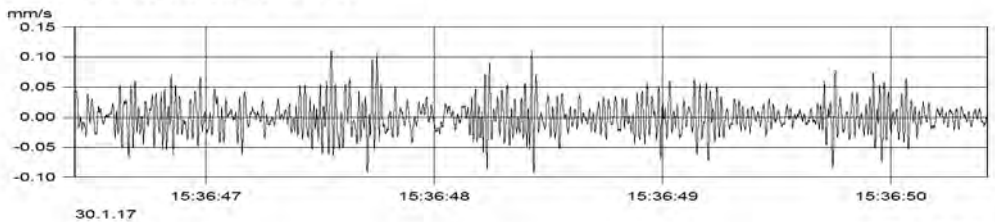
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.429 mm/s



h:m:s

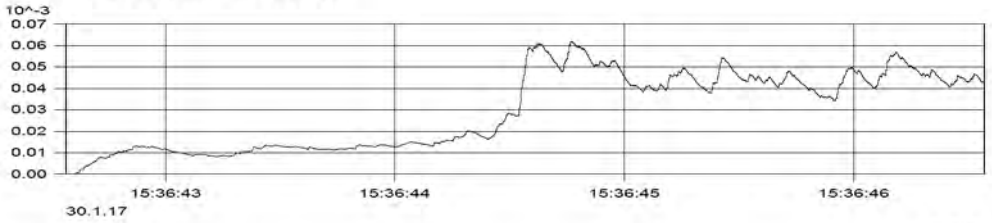
MP3.2 (Kanal\_004) v(max) = 0.111 mm/s



h:m:s

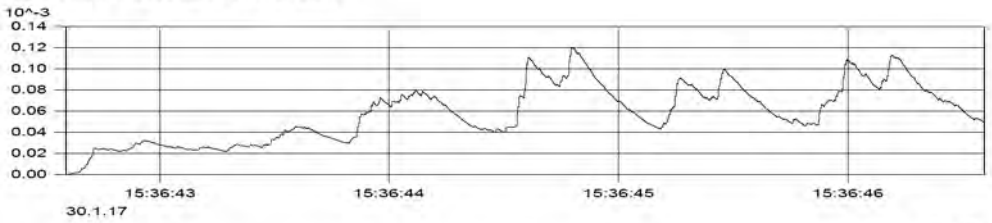
2017-01-30 15:35-26 (15): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.062[-]



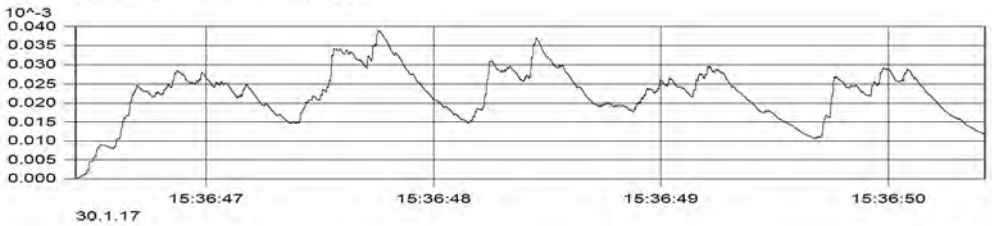
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.120[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.039[-]



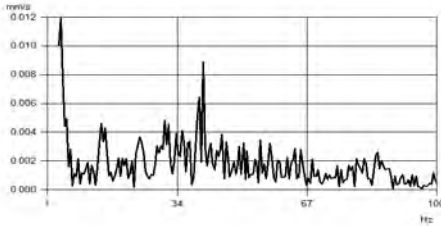
h:m:s

M8D Ri I

2017-01-30 15-35-26 (15)

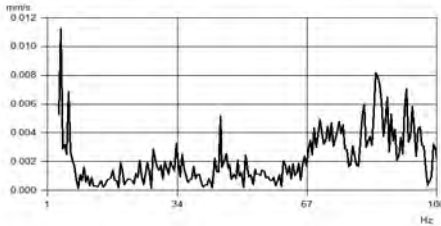
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



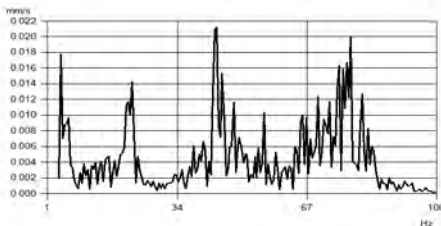
MP2.1 (Kanal\_002)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



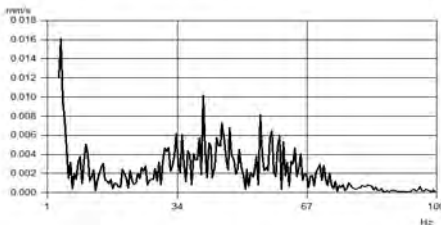
MP3.1 (Kanal\_003)

$f_e = 43.9 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



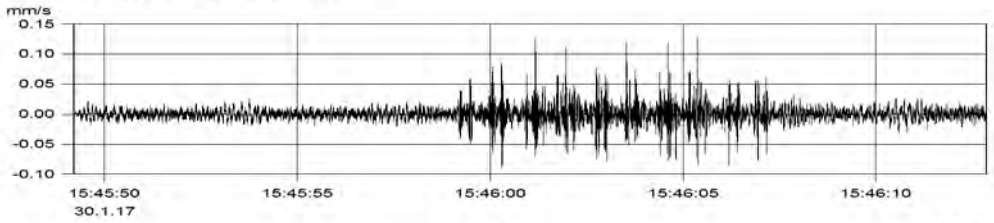
MP3.2 (Kanal\_004)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



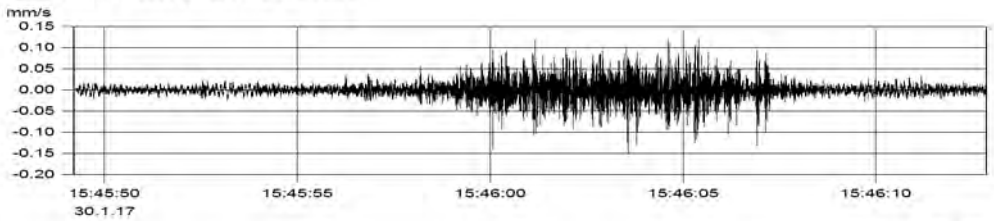
2017-01-30 15-37-03 (16): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.128 mm/s



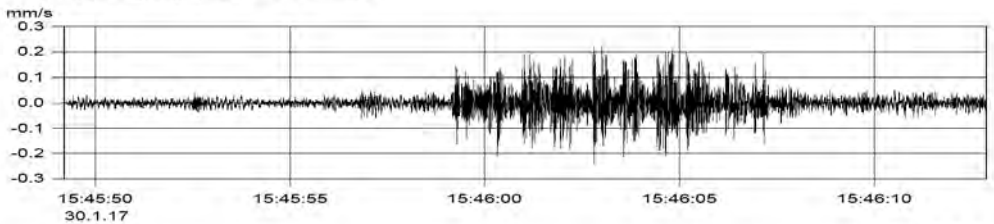
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.152 mm/s



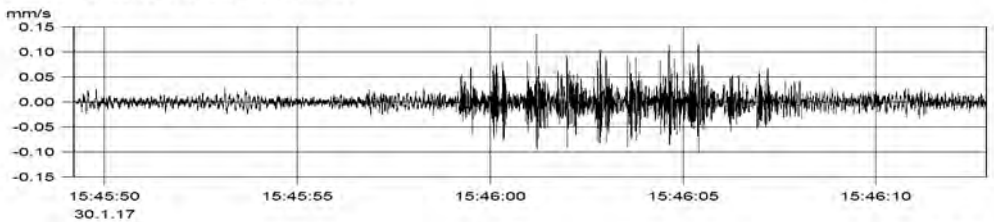
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.242 mm/s



h:m:s

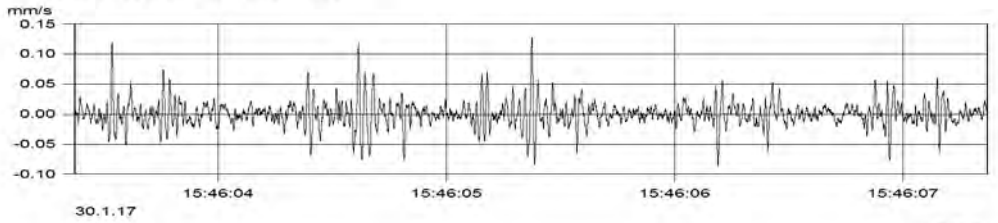
MP3.2 (Kanal\_004) v(max) = 0.136 mm/s



h:m:s

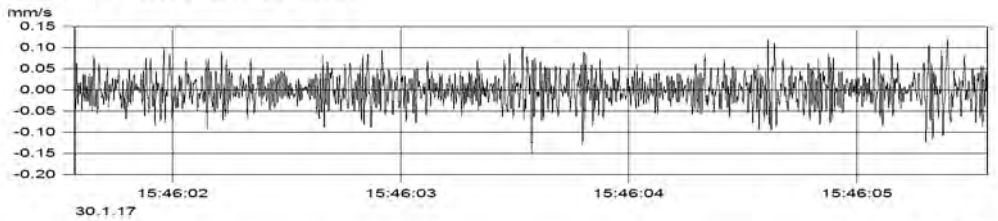
2017-01-30 15:37-03 (16): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.128 mm/s



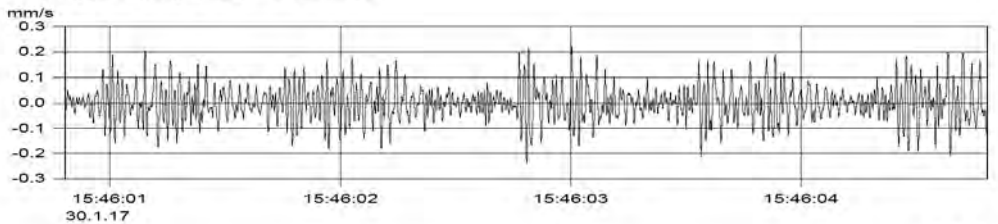
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.152 mm/s



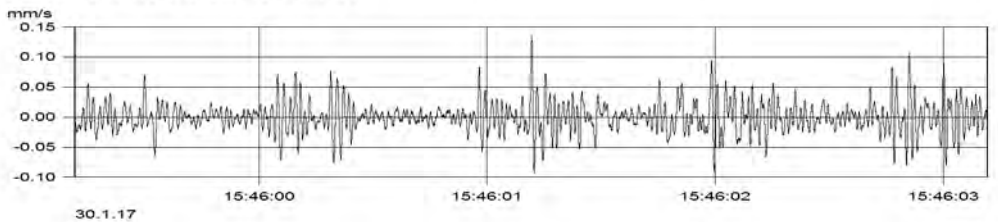
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.242 mm/s



h:m:s

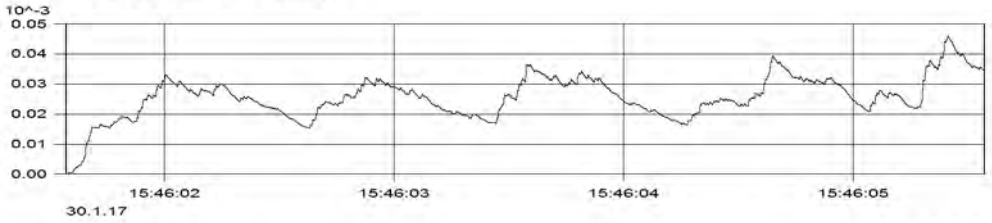
MP3.2 (Kanal\_004) v(max) = 0.136 mm/s



h:m:s

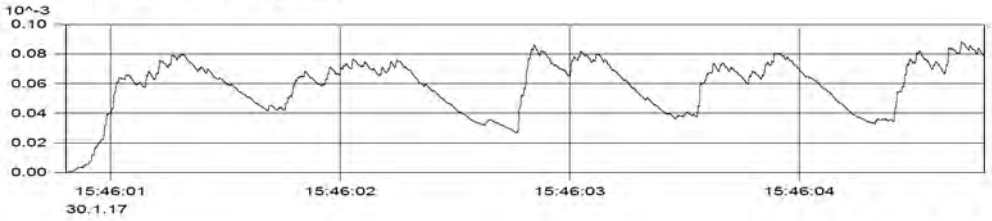
2017-01-30 15:37-03 (16): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.046[-]



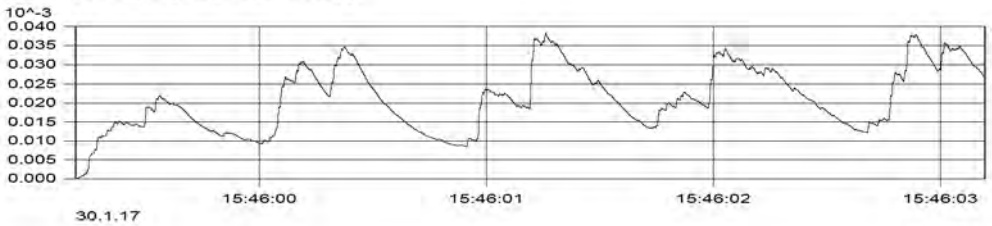
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.088[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.038[-]



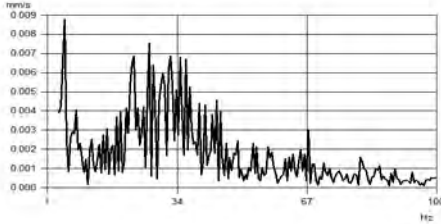
h:m:s

M8D Ri II

2017-01-30 15-37-03 (16)

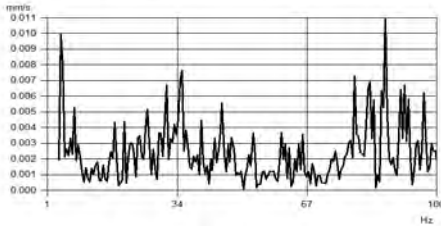
MP1 (Kanal\_001)

$f_e = 5.4 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



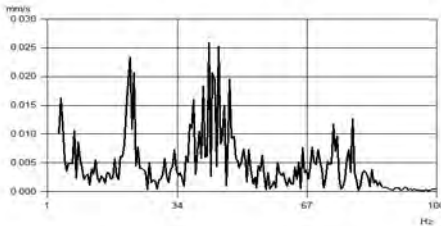
MP2.1 (Kanal\_002)

$f_e = 86.9 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



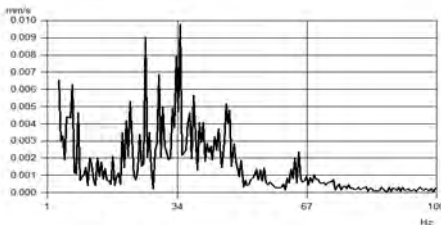
MP3.1 (Kanal\_003)

$f_e = 42.0 \text{ Hz} / v(\text{max}) = 0.026 \text{ mm/s}$



MP3.2 (Kanal\_004)

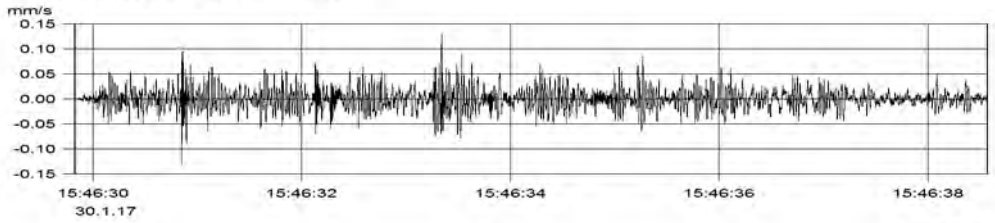
$f_e = 34.7 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



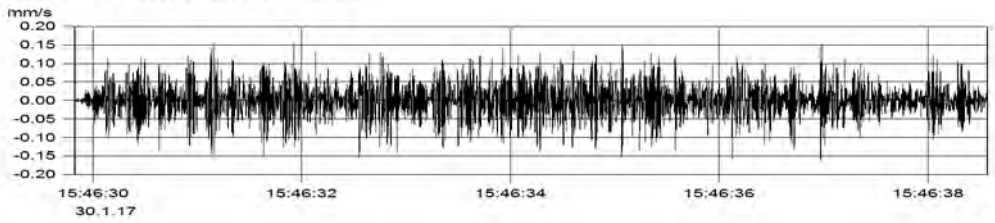


2017-01-30 15:46:14 (17): M8D 3fach Ri I

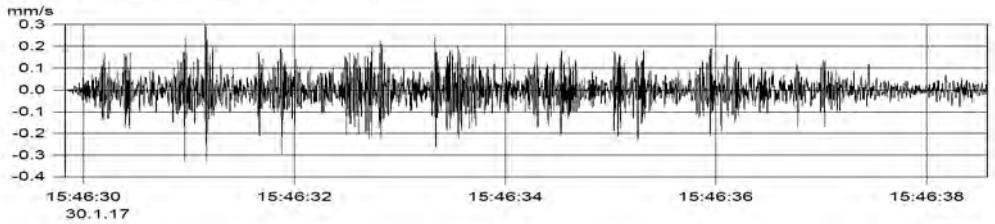
MP1 (Kanal\_001) v(max) = 0.131 mm/s



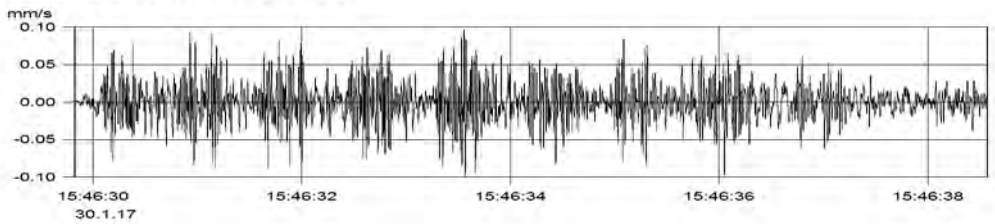
MP2.1 (Kanal\_002) v(max) = 0.162 mm/s



MP3.1 (Kanal\_003) v(max) = 0.328 mm/s

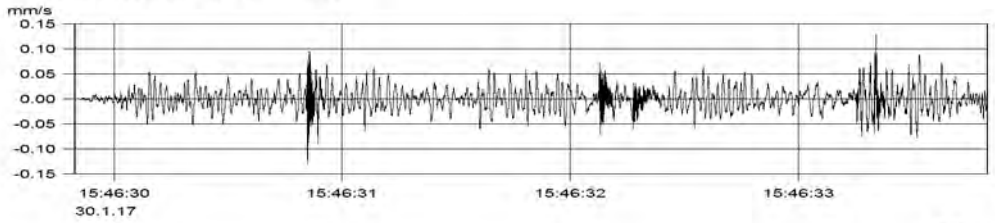


MP3.2 (Kanal\_004) v(max) = 0.099 mm/s



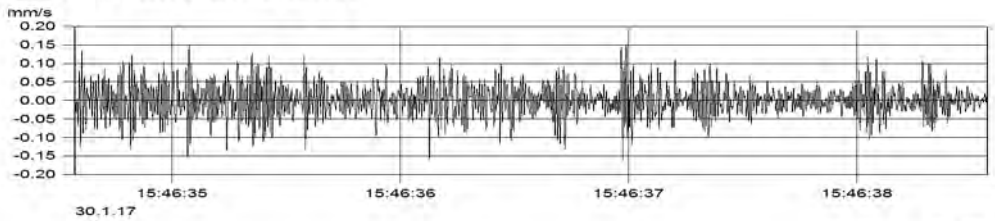
2017-01-30 15:46-14 (17): M8D 3fach Ri I

MP1 (Kanal\_001) v(max) = 0.131 mm/s



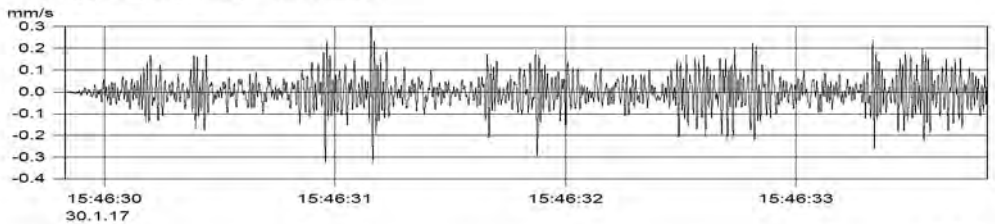
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.162 mm/s



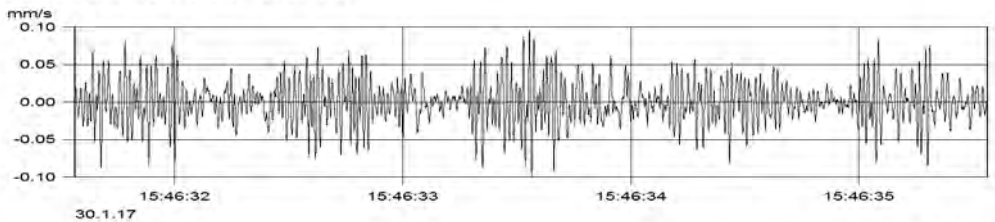
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.328 mm/s



h:m:s

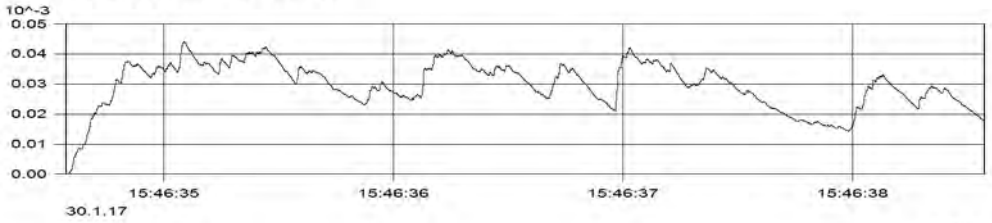
MP3.2 (Kanal\_004) v(max) = 0.099 mm/s



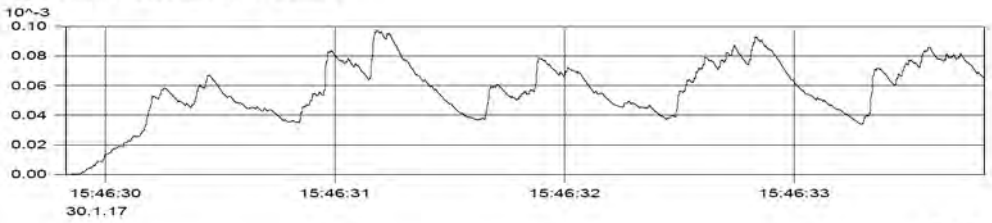
h:m:s

2017-01-30 15:46-14 (17): M8D 3fach Ri I

MP2.1 (Kanal\_002) KB(max) = 0.044[-]



MP3.1 (Kanal\_003) KB(max) = 0.098[-]



MP3.2 (Kanal\_004) KB(max) = 0.042[-]

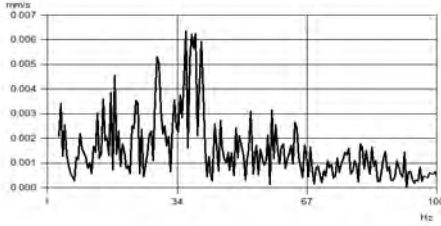


M8D 3fach Ri I

2017-01-30 15-46-14 (17)

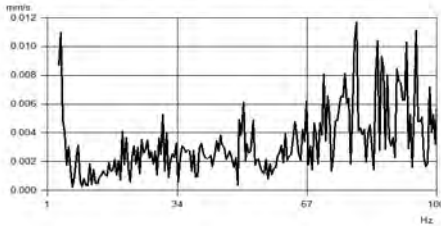
MP1 (Kanal\_001)

$f_e = 36.1 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



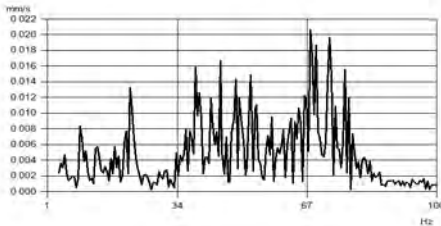
MP2.1 (Kanal\_002)

$f_e = 79.6 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



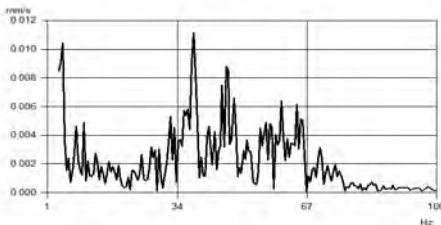
MP3.1 (Kanal\_003)

$f_e = 67.9 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



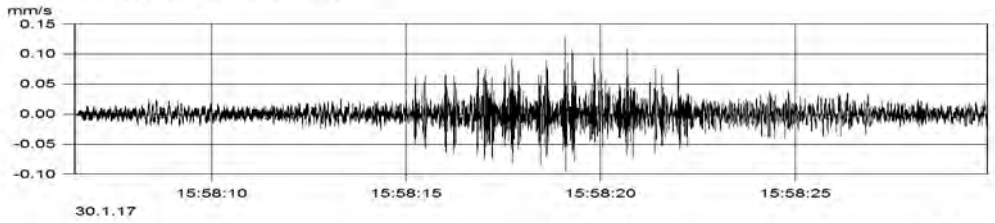
MP3.2 (Kanal\_004)

$f_e = 38.1 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



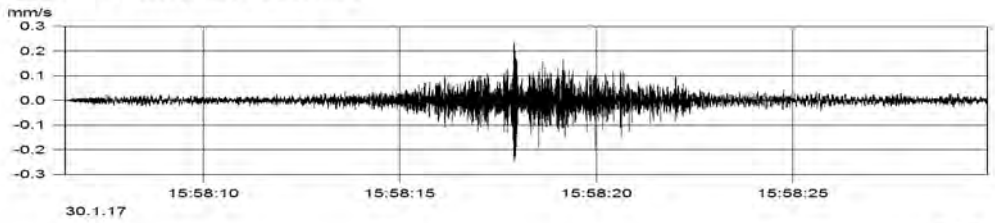
2017-01-30 15:46-46 (18): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.129 mm/s



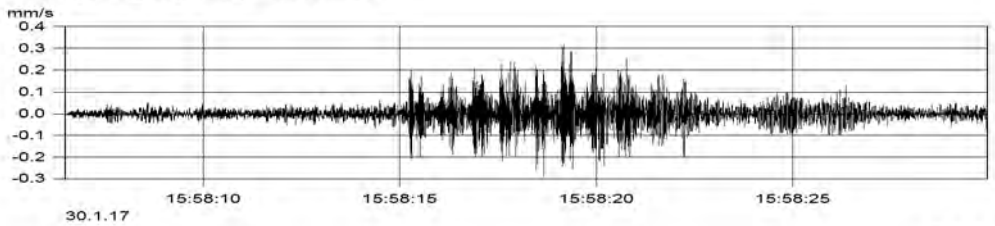
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.245 mm/s



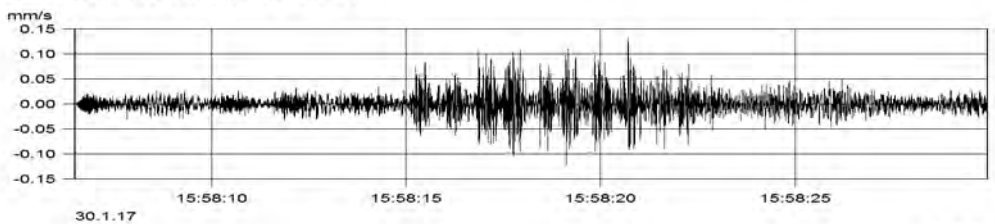
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.315 mm/s



h:m:s

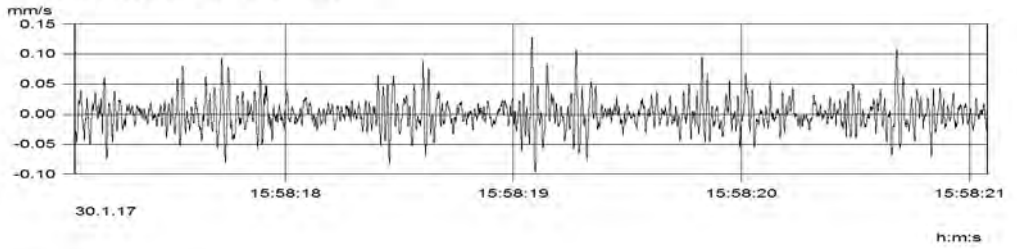
MP3.2 (Kanal\_004) v(max) = 0.133 mm/s



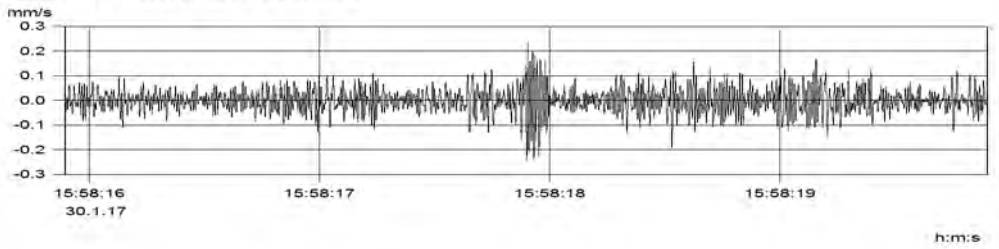
h:m:s

2017-01-30 15:46-46 (18): M8D Ri II

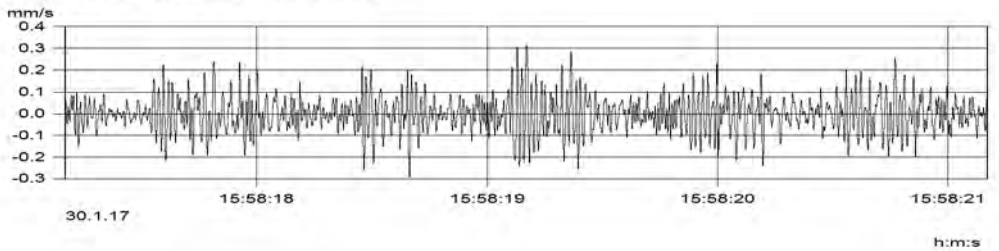
MP1 (Kanal\_001) v(max) = 0.129 mm/s



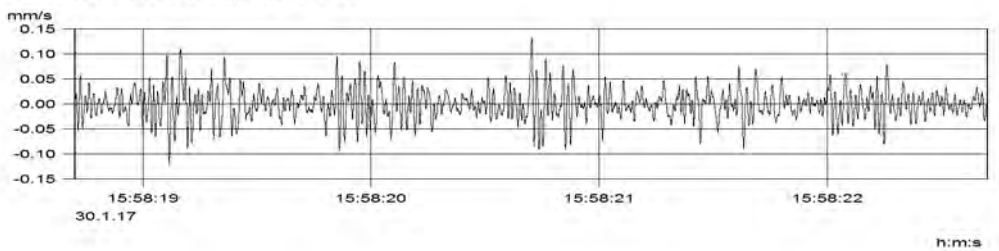
MP2.1 (Kanal\_002) v(max) = 0.245 mm/s



MP3.1 (Kanal\_003) v(max) = 0.315 mm/s

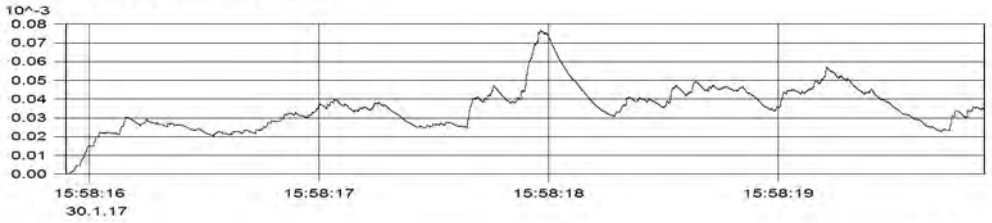


MP3.2 (Kanal\_004) v(max) = 0.133 mm/s



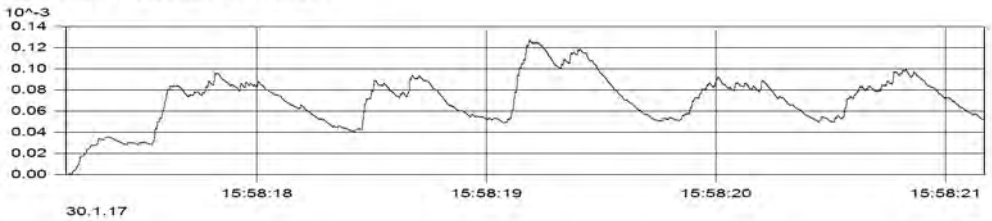
2017-01-30 15:46:46 (18): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.077[-]



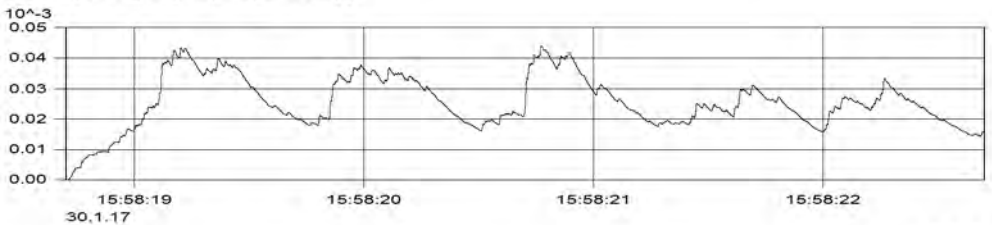
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.127[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.044[-]



h:m:s

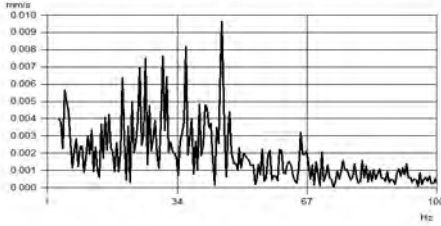


M8D Ri II

2017-01-30 15-46-46 (18)

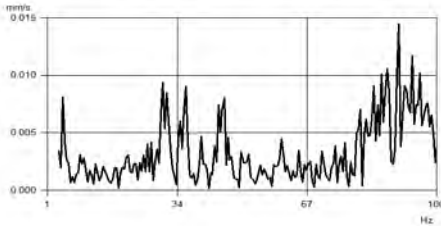
MP1 (Kanal\_001)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



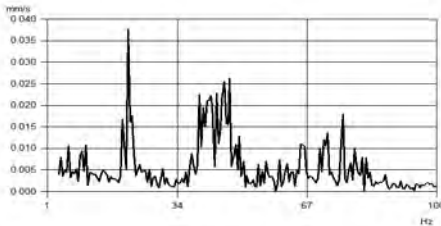
MP2.1 (Kanal\_002)

$f_e = 90.3 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



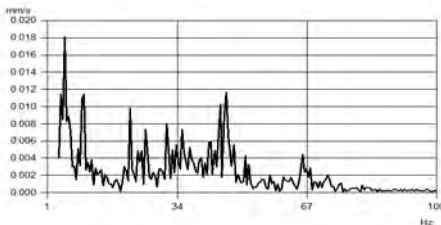
MP3.1 (Kanal\_003)

$f_e = 21.5 \text{ Hz} / v(\text{max}) = 0.038 \text{ mm/s}$



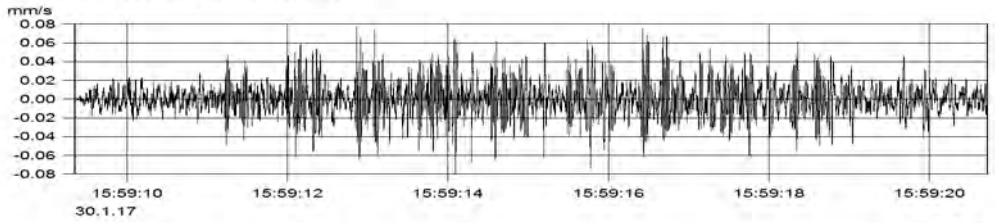
MP3.2 (Kanal\_004)

$f_e = 5.4 \text{ Hz} / v(\text{max}) = 0.018 \text{ mm/s}$

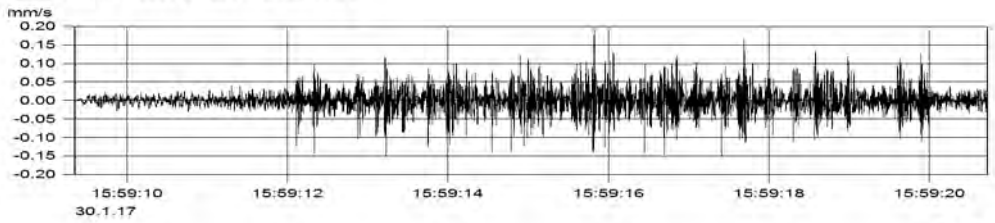


2017-01-30 15:58-31 (19): M8D Ri I

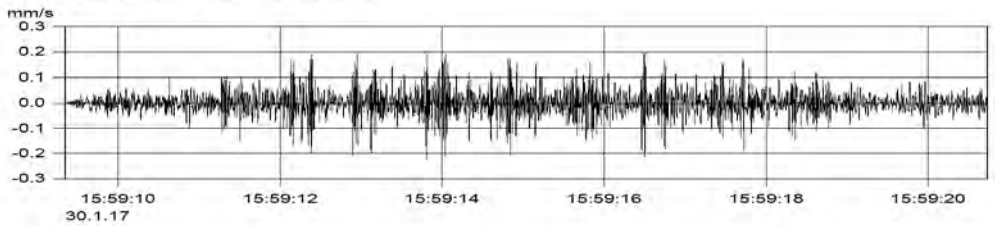
MP1 (Kanal\_001) v(max) = 0.079 mm/s



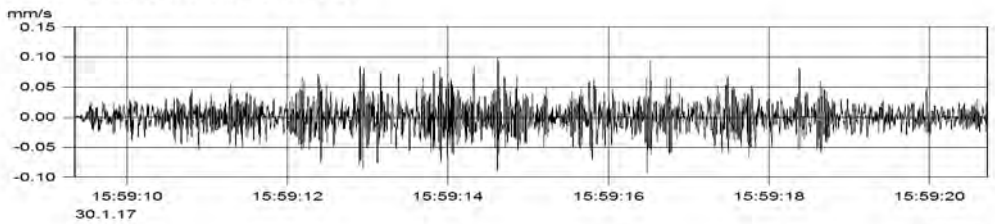
MP2.1 (Kanal\_002) v(max) = 0.198 mm/s



MP3.1 (Kanal\_003) v(max) = 0.225 mm/s

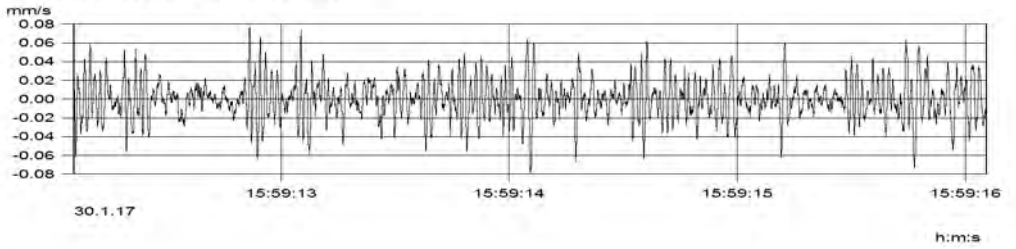


MP3.2 (Kanal\_004) v(max) = 0.100 mm/s

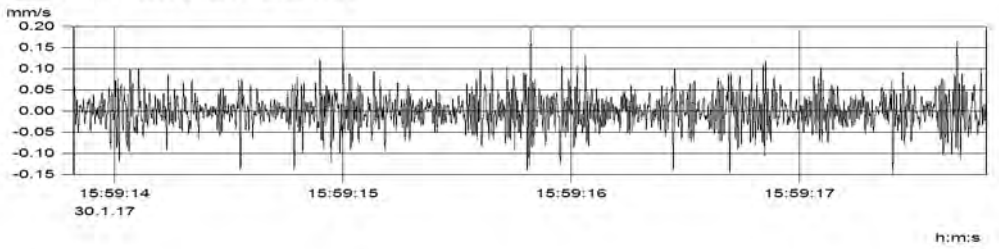


2017-01-30 15:58-31 (19): M8D Ri I

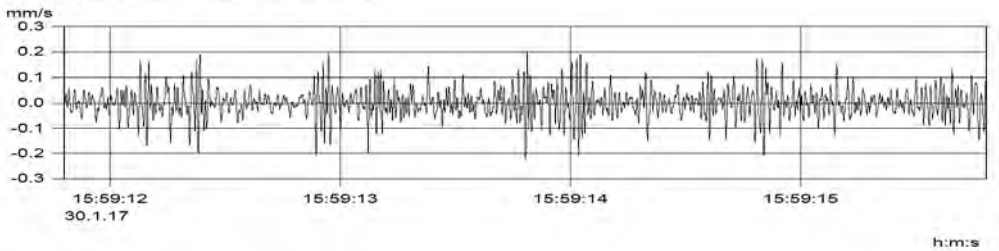
MP1 (Kanal\_001) v(max) = 0.079 mm/s



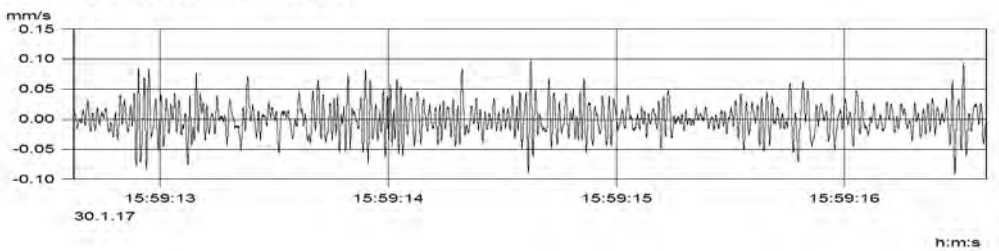
MP2.1 (Kanal\_002) v(max) = 0.198 mm/s



MP3.1 (Kanal\_003) v(max) = 0.225 mm/s

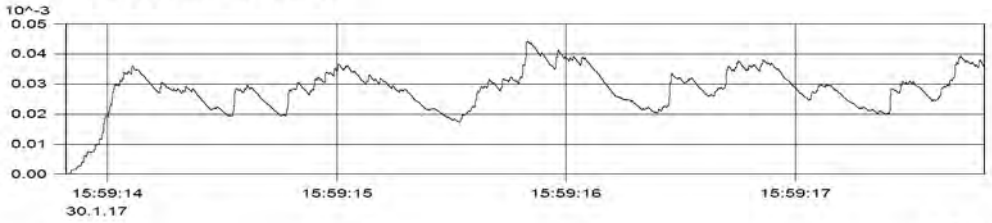


MP3.2 (Kanal\_004) v(max) = 0.100 mm/s

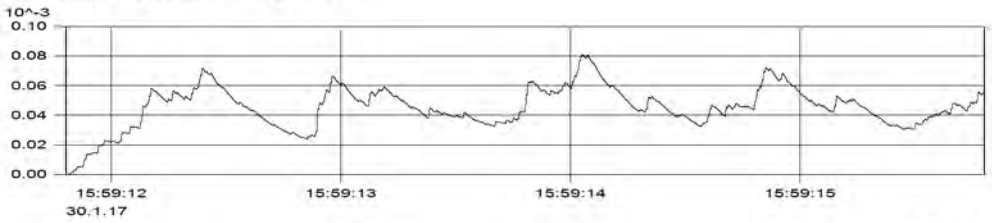


2017-01-30 15:58-31 (19): M8D Ri I

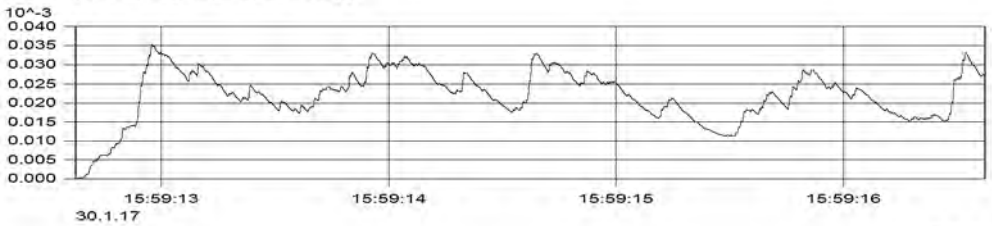
MP2.1 (Kanal\_002) KB(max) = 0.044[-]



MP3.1 (Kanal\_003) KB(max) = 0.081[-]



MP3.2 (Kanal\_004) KB(max) = 0.035[-]

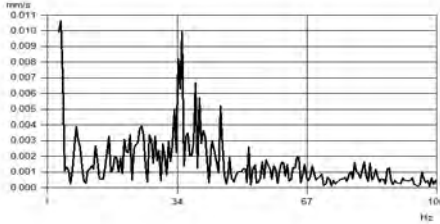


M8D Ri I

2017-01-30 15-58-31 (19)

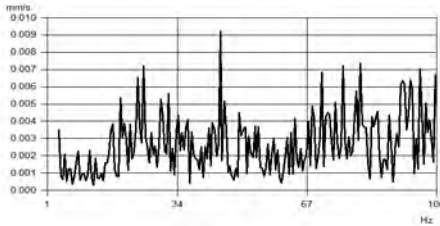
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



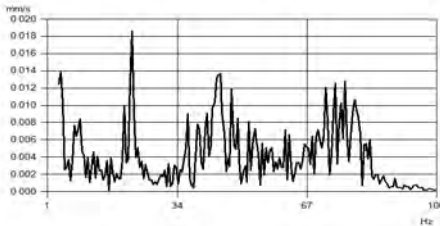
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



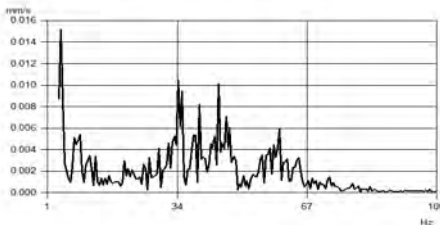
MP3.1 (Kanal\_003)

$f_e = 22.5 \text{ Hz} / v(\text{max}) = 0.019 \text{ mm/s}$



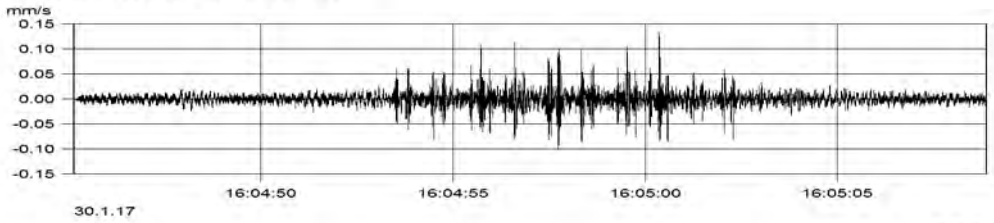
MP3.2 (Kanal\_004)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



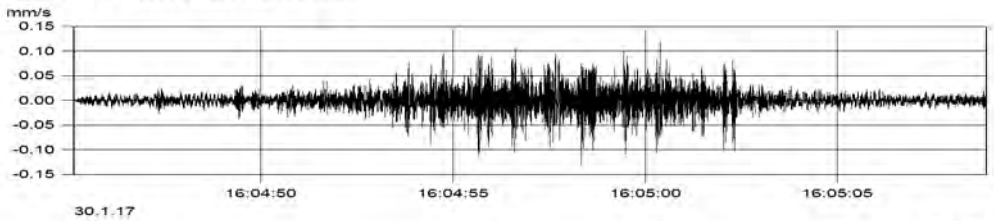
2017-01-30 15-59-29 (20): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.133 mm/s



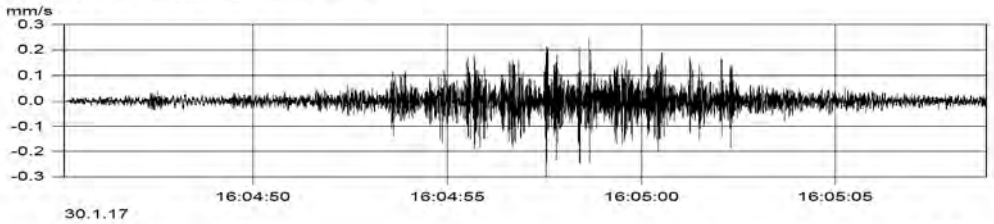
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.129 mm/s



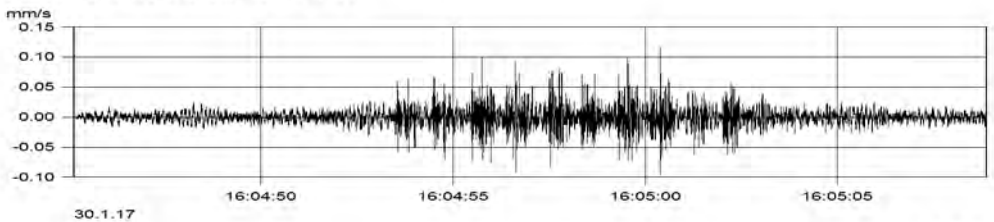
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.297 mm/s



h:m:s

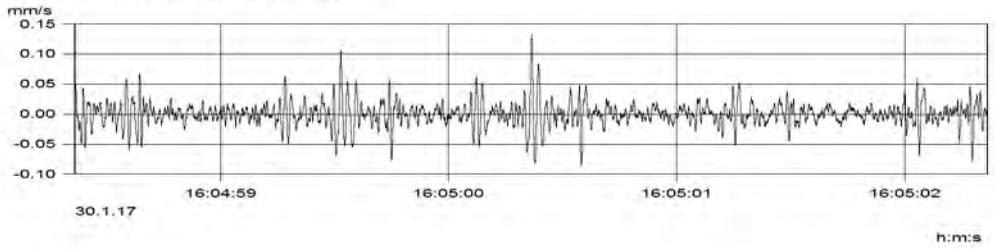
MP3.2 (Kanal\_004) v(max) = 0.117 mm/s



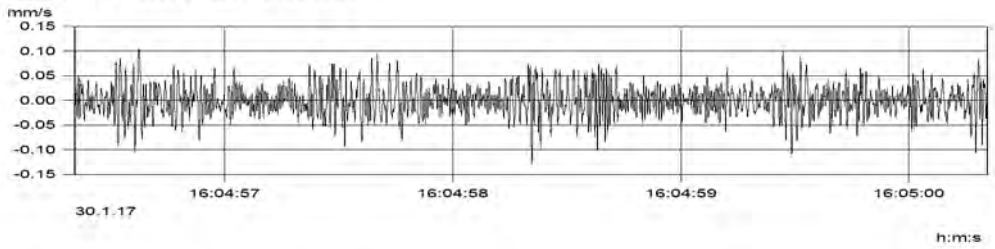
h:m:s

2017-01-30 15-59-29 (20): M8D Ri II

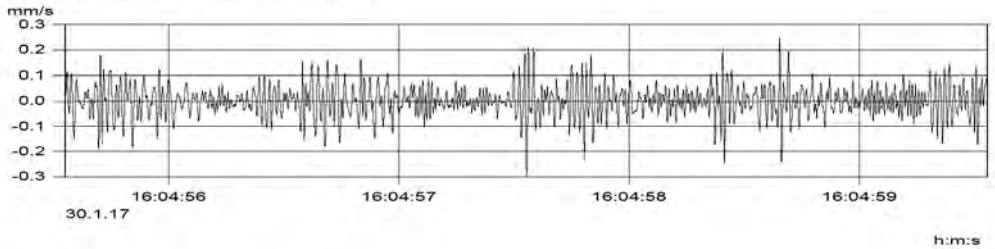
MP1 (Kanal\_001) v(max) = 0.133 mm/s



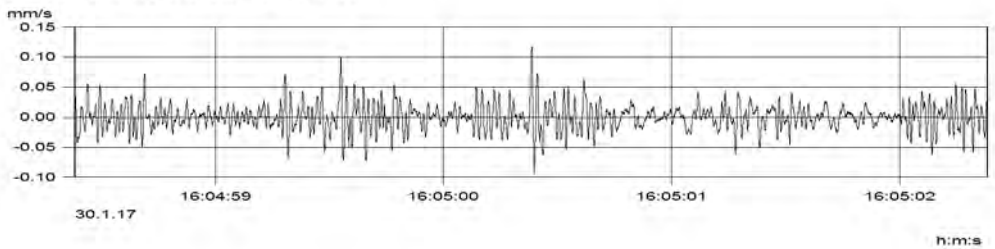
MP2.1 (Kanal\_002) v(max) = 0.129 mm/s



MP3.1 (Kanal\_003) v(max) = 0.297 mm/s



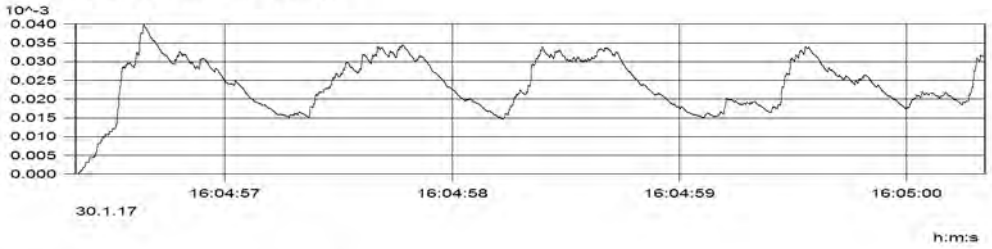
MP3.2 (Kanal\_004) v(max) = 0.117 mm/s



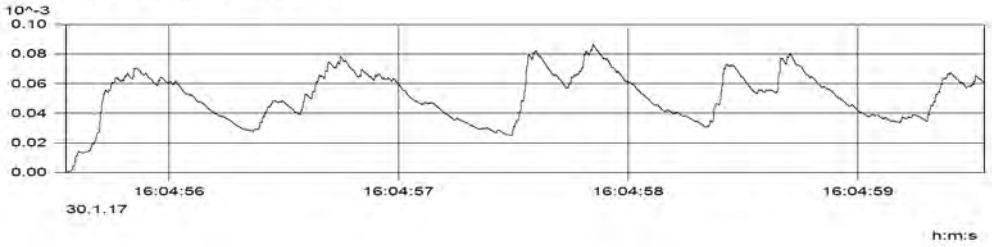


2017-01-30 15-59-29 (20): M8D Ri II

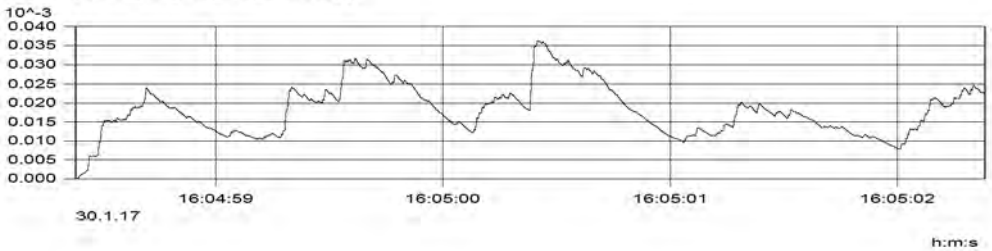
MP2.1 (Kanal\_002) KB(max) = 0.040[-]



MP3.1 (Kanal\_003) KB(max) = 0.087[-]



MP3.2 (Kanal\_004) KB(max) = 0.036[-]

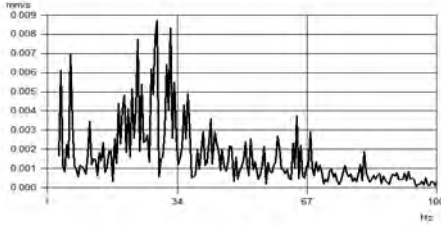


M8D Ri II

2017-01-30 15:59:29 (20)

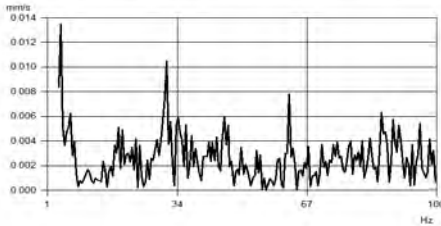
MP1 (Kanal\_001)

$f_e = 28.8 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



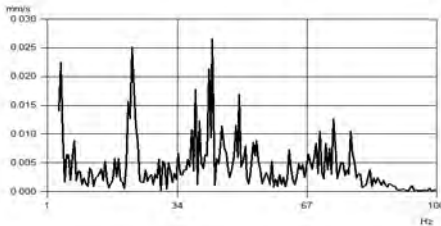
MP2.1 (Kanal\_002)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$



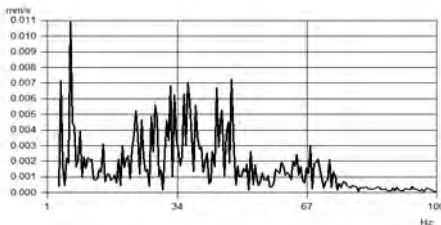
MP3.1 (Kanal\_003)

$f_e = 43.0 \text{ Hz} / v(\text{max}) = 0.027 \text{ mm/s}$



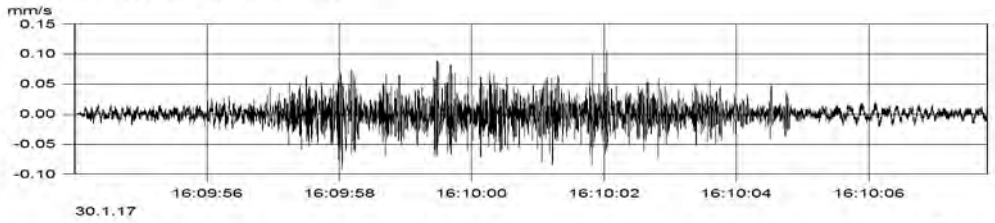
MP3.2 (Kanal\_004)

$f_e = 6.8 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



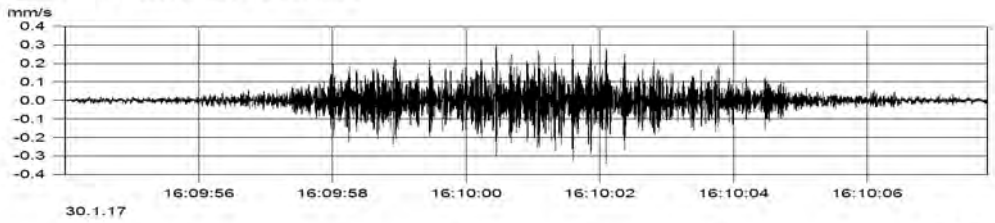
2017-01-30 16-07-09 (22): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.106 mm/s



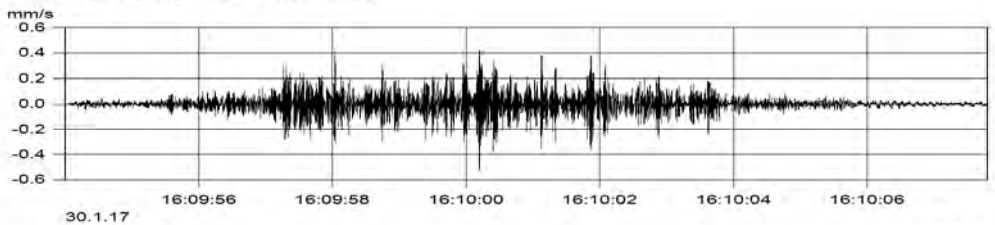
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.343 mm/s



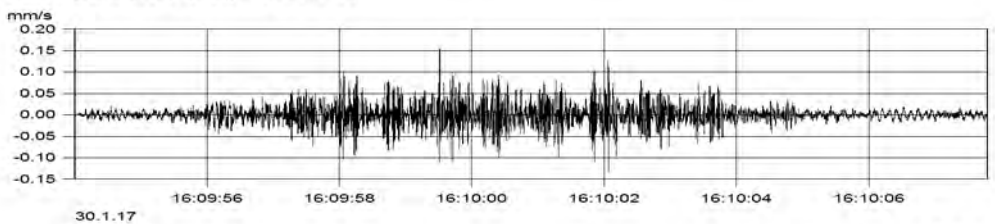
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.531 mm/s



h:m:s

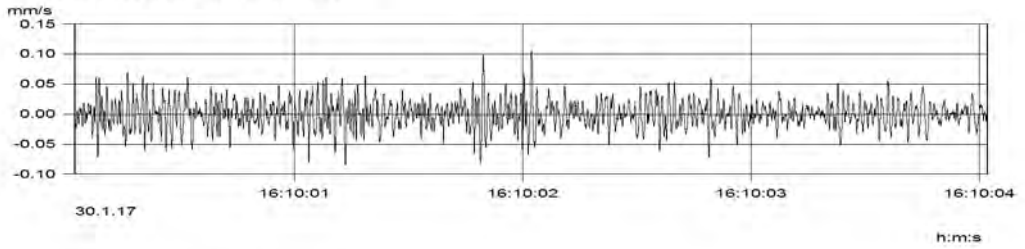
MP3.2 (Kanal\_004) v(max) = 0.156 mm/s



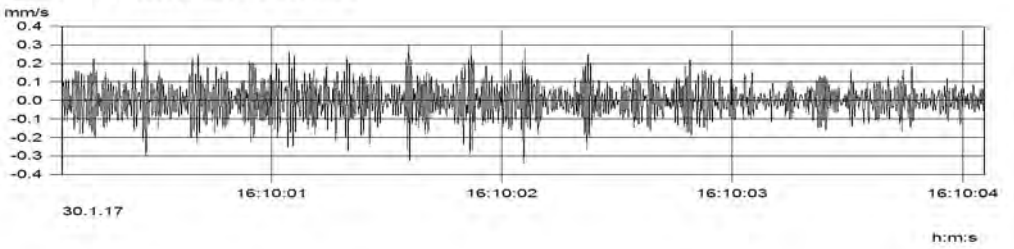
h:m:s

2017-01-30 16-07-09 (22): M8D Ri I

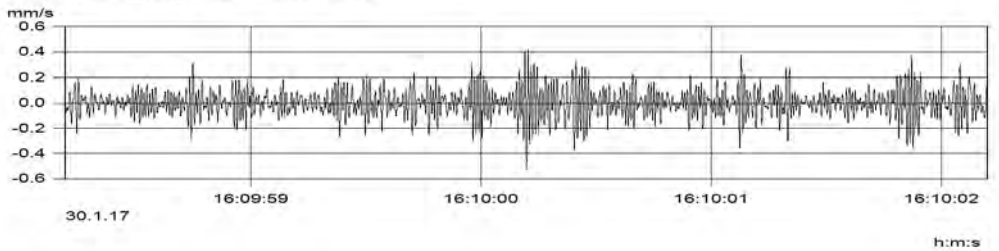
MP1 (Kanal\_001) v(max) = 0.106 mm/s



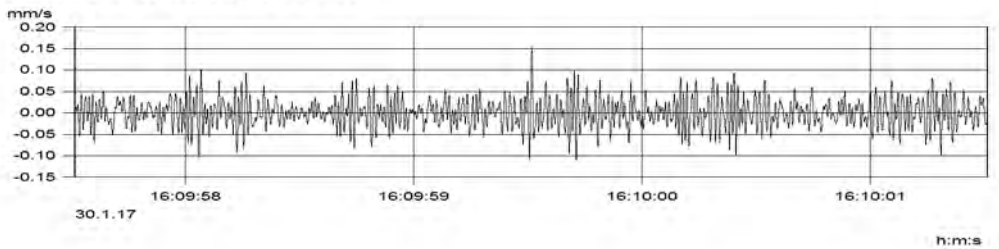
MP2.1 (Kanal\_002) v(max) = 0.343 mm/s



MP3.1 (Kanal\_003) v(max) = 0.531 mm/s

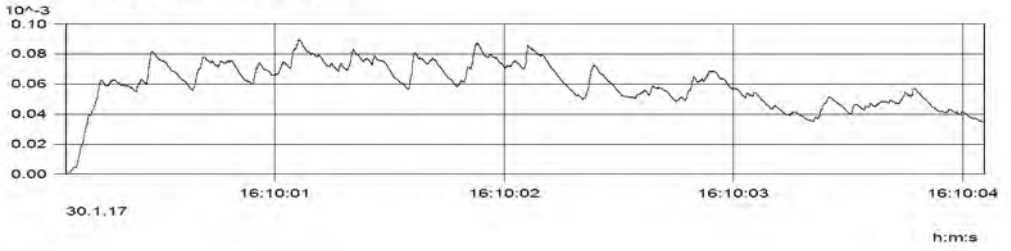


MP3.2 (Kanal\_004) v(max) = 0.156 mm/s

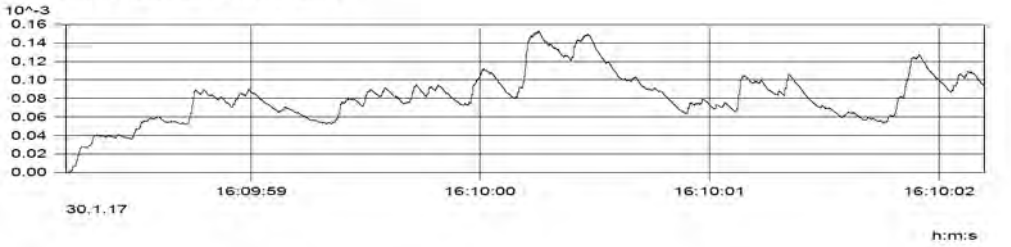


2017-01-30 16-07-09 (22): M8D Ri I

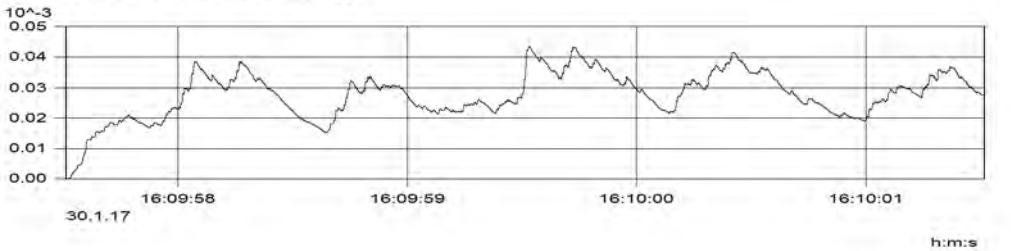
MP2.1 (Kanal\_002) KB(max) = 0.090[-]



MP3.1 (Kanal\_003) KB(max) = 0.153[-]



MP3.2 (Kanal\_004) KB(max) = 0.044[-]

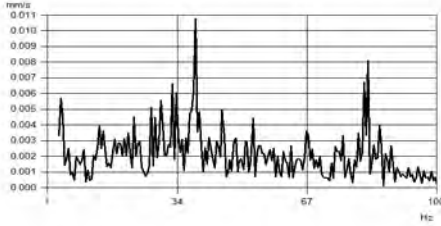


M8D Ri I

2017-01-30 16-07-09 (22)

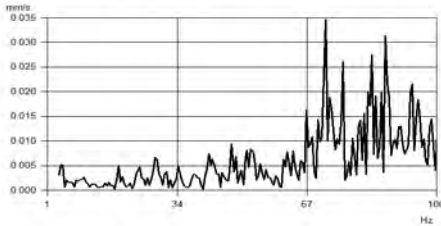
MP1 (Kanal\_001)

$f_e = 38.6 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



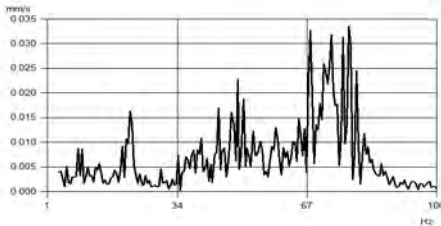
MP2.1 (Kanal\_002)

$f_e = 71.8 \text{ Hz} / v(\text{max}) = 0.035 \text{ mm/s}$



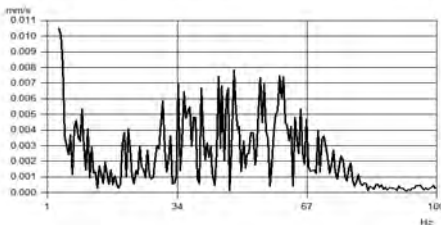
MP3.1 (Kanal\_003)

$f_e = 77.6 \text{ Hz} / v(\text{max}) = 0.033 \text{ mm/s}$



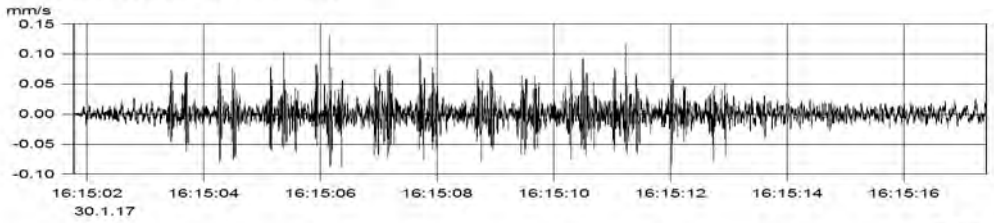
MP3.2 (Kanal\_004)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



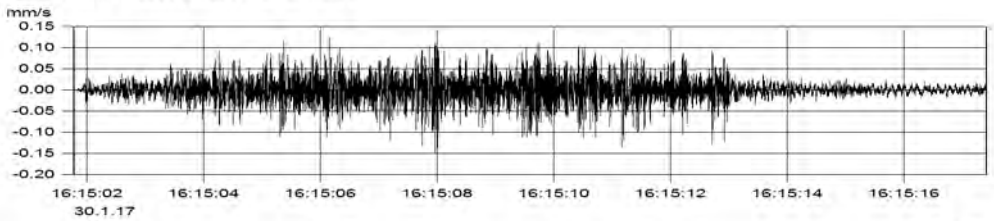
2017-01-30 16-10-15 (23): M8C 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.131 mm/s



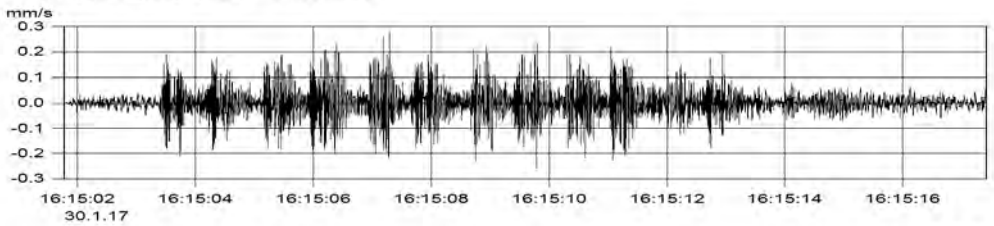
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.151 mm/s



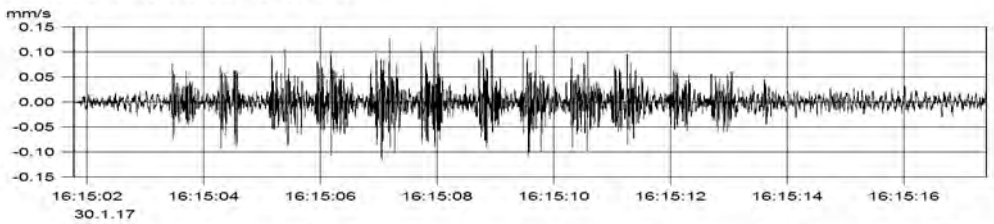
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.280 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.127 mm/s

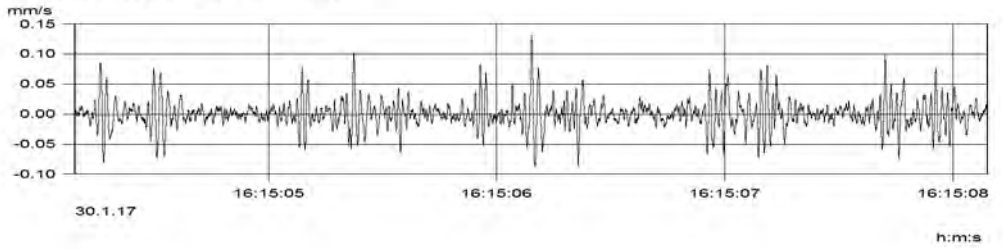


h:m:s

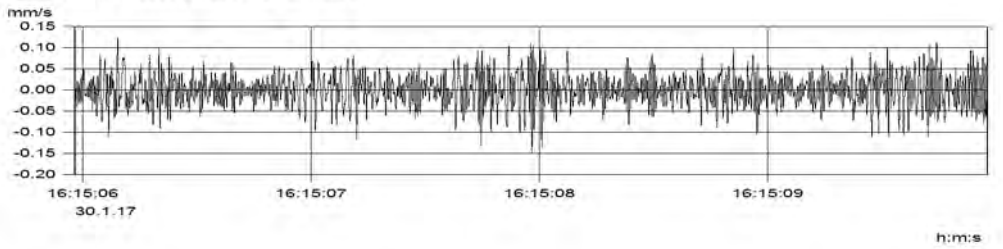


2017-01-30 16-10-15 (23): M8C 3fach Ri II

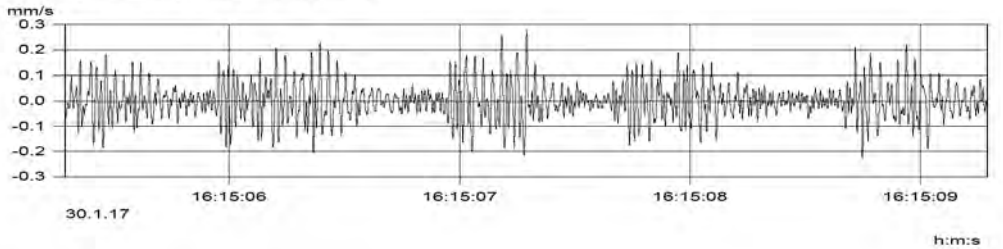
MP1 (Kanal\_001) v(max) = 0.131 mm/s



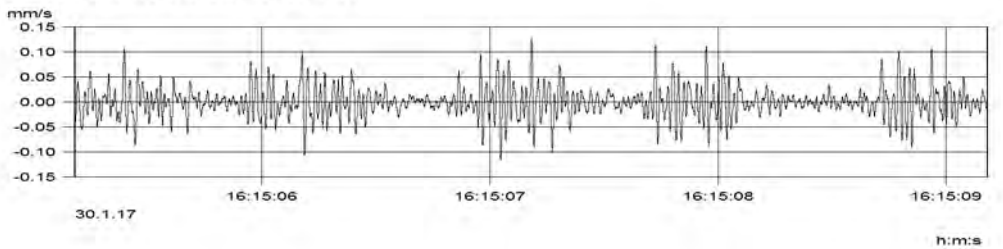
MP2.1 (Kanal\_002) v(max) = 0.151 mm/s



MP3.1 (Kanal\_003) v(max) = 0.280 mm/s

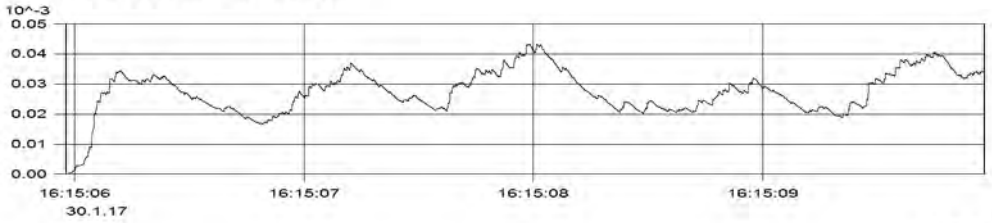


MP3.2 (Kanal\_004) v(max) = 0.127 mm/s



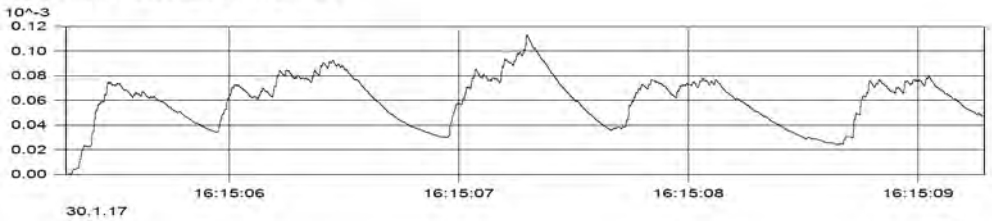
2017-01-30 16-10-15 (23): M8C 3fach Ri II

MP2.1 (Kanal\_002) KB(max) = 0.043[-]



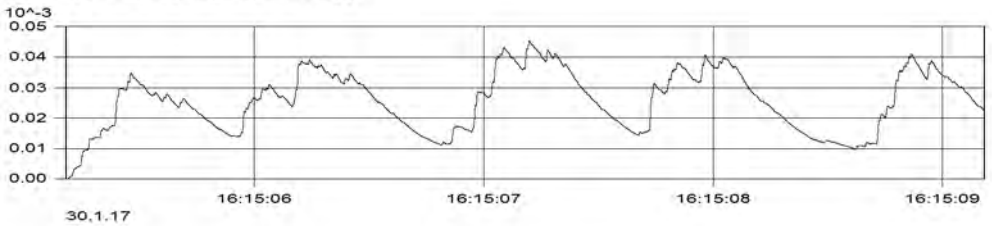
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.113[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.046[-]



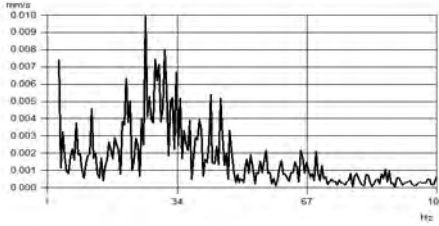
h:m:s

M8C 3fach Ri II

2017-01-30 16-10-15 (23)

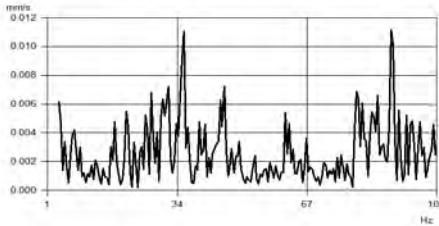
MP1 (Kanal\_001)

$f_e = 25.9 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



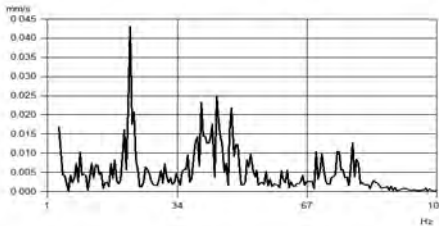
MP2.1 (Kanal\_002)

$f_e = 88.4 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



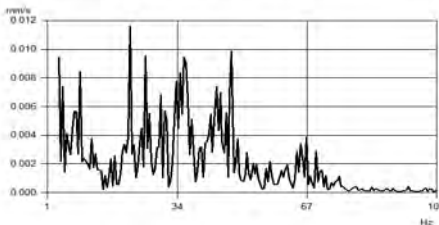
MP3.1 (Kanal\_003)

$f_e = 22.0 \text{ Hz} / v(\text{max}) = 0.043 \text{ mm/s}$



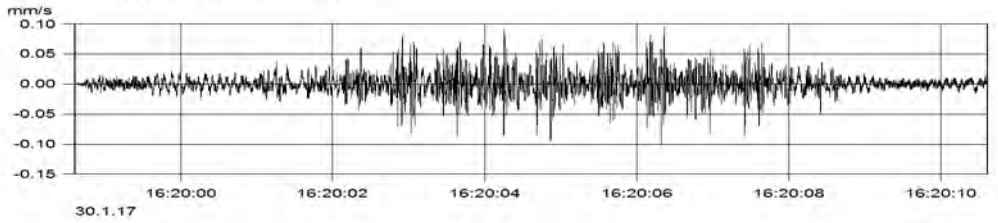
MP3.2 (Kanal\_004)

$f_e = 22.0 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



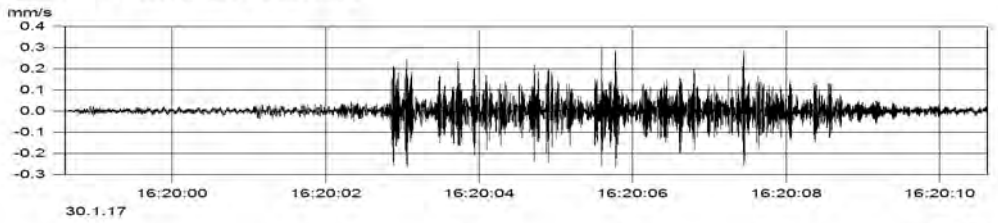
2017-01-30 16-15-30 (24): M8C Ri I

MP1 (Kanal\_001) v(max) = 0.101 mm/s



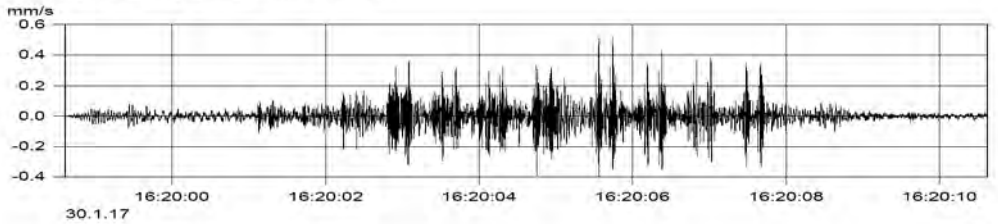
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.301 mm/s



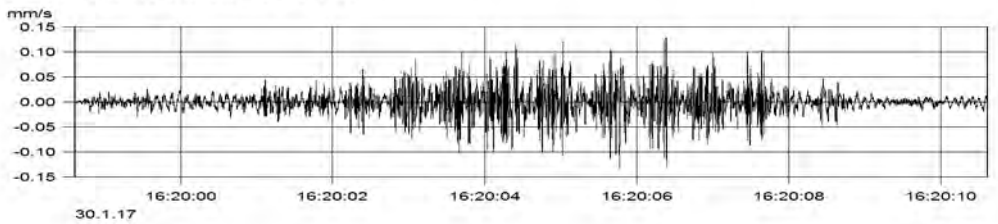
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.517 mm/s



h:m:s

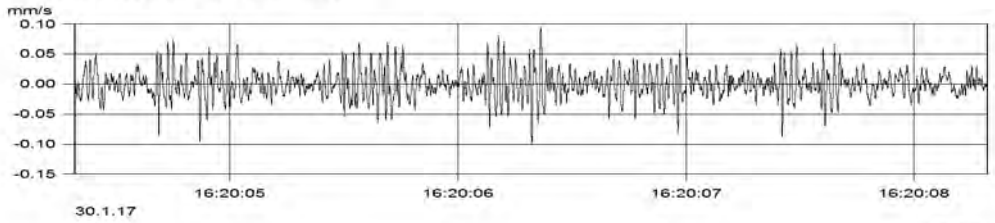
MP3.2 (Kanal\_004) v(max) = 0.133 mm/s



h:m:s

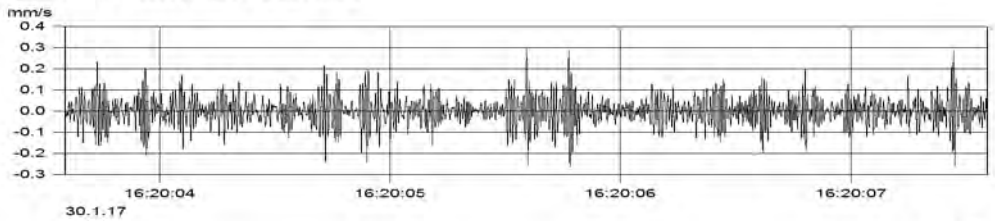
2017-01-30 16-15-30 (24): M8C Ri I

MP1 (Kanal\_001) v(max) = 0.101 mm/s



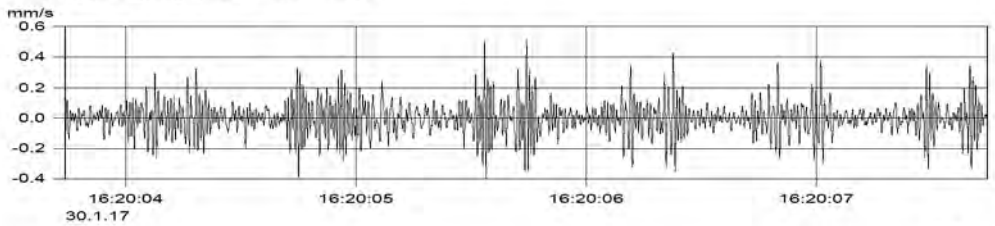
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.301 mm/s



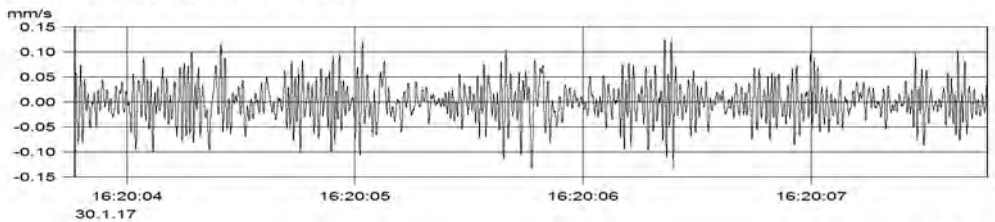
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.517 mm/s



h:m:s

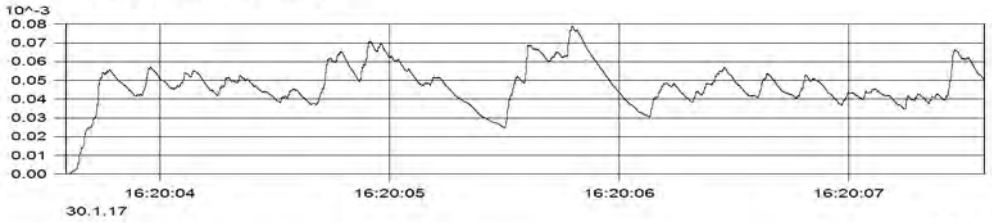
MP3.2 (Kanal\_004) v(max) = 0.133 mm/s



h:m:s

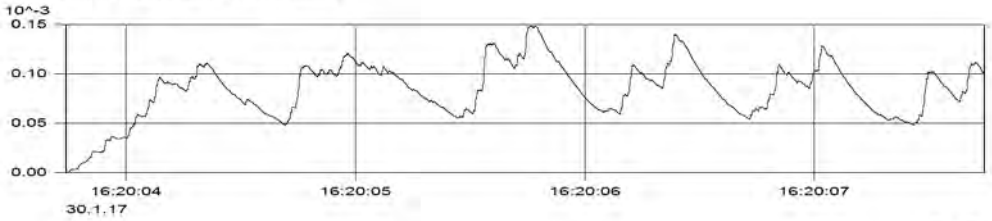
2017-01-30 16-15-30 (24): M8C Ri I

MP2.1 (Kanal\_002) KB(max) = 0.079[-]



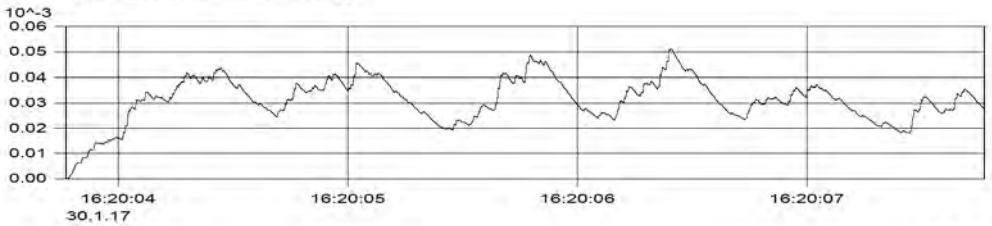
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.149[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.051[-]



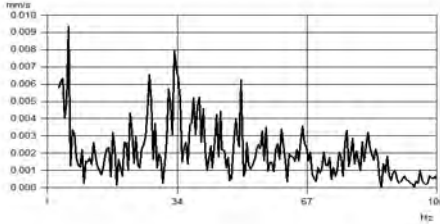
h:m:s

M8C Ri I

2017-01-30 16-15-30 (24)

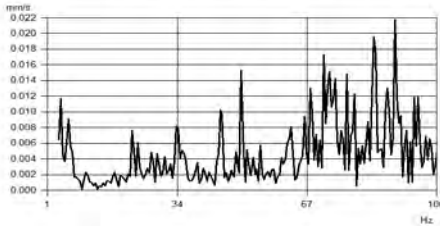
MP1 (Kanal\_001)

$fe = 6.3 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



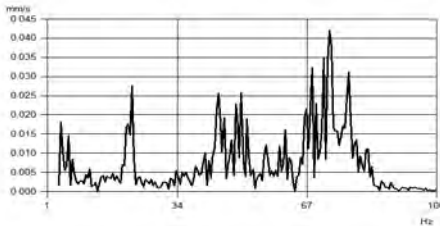
MP2.1 (Kanal\_002)

$fe = 89.4 \text{ Hz} / v(\text{max}) = 0.022 \text{ mm/s}$



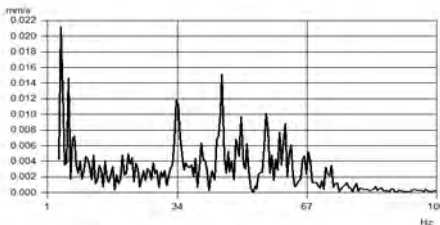
MP3.1 (Kanal\_003)

$fe = 72.8 \text{ Hz} / v(\text{max}) = 0.042 \text{ mm/s}$



MP3.2 (Kanal\_004)

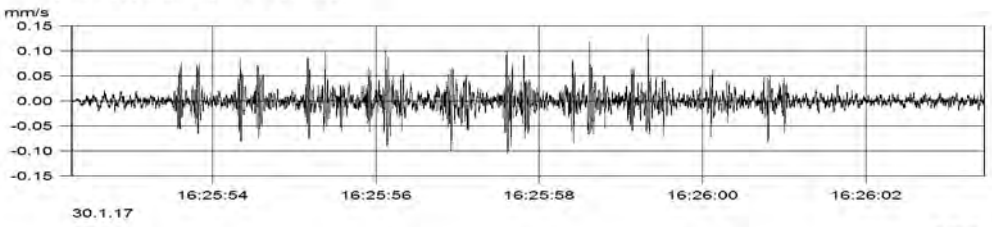
$fe = 4.4 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$





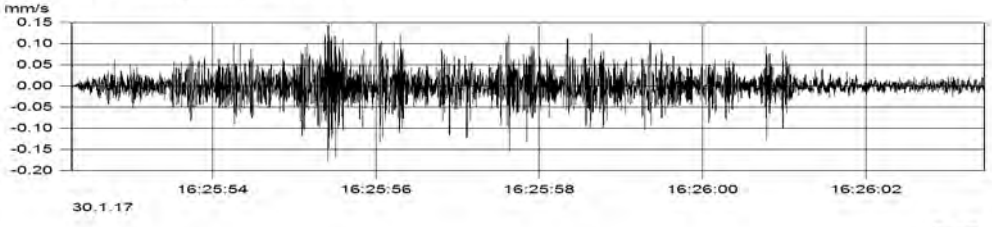
2017-01-30 16:23-43 (26): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.133 mm/s



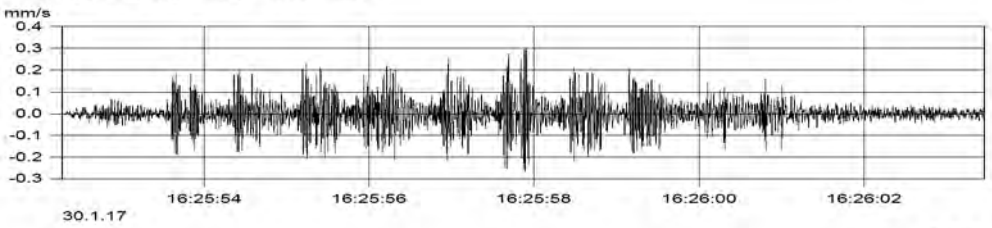
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.178 mm/s



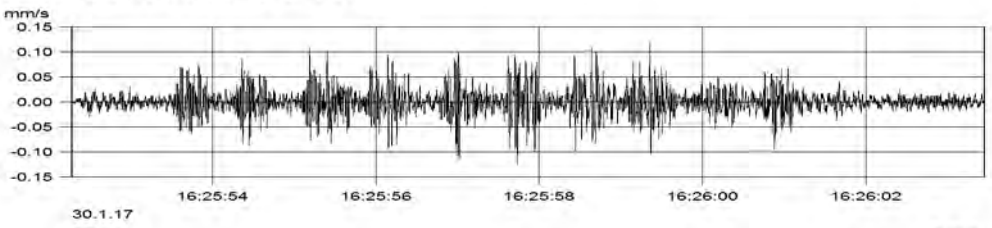
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.301 mm/s



h:m:s

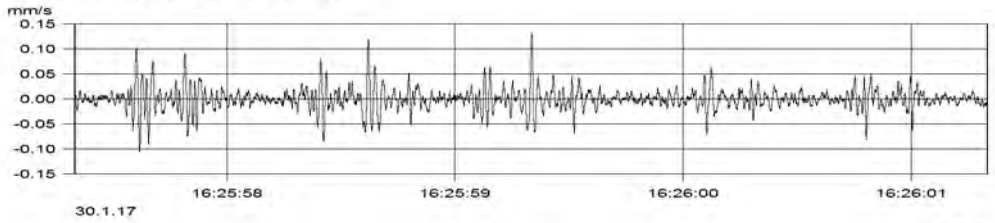
MP3.2 (Kanal\_004) v(max) = 0.125 mm/s



h:m:s

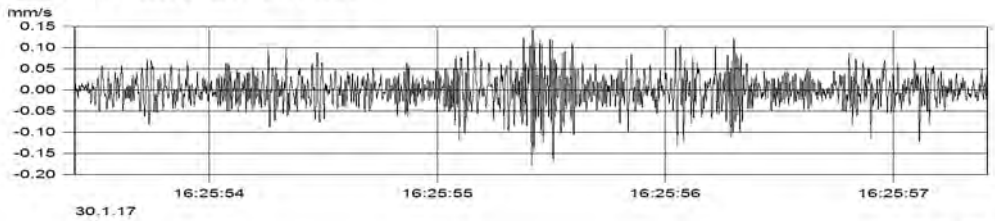
2017-01-30 16:23-43 (26): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.133 mm/s



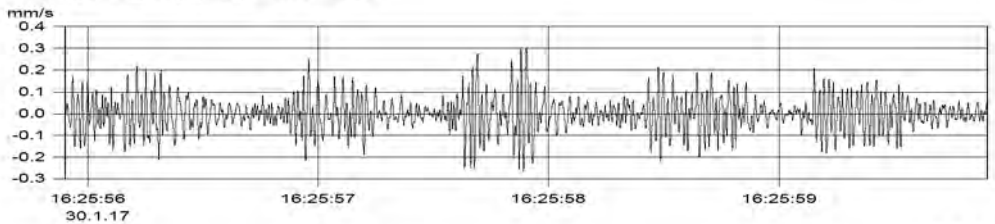
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.178 mm/s



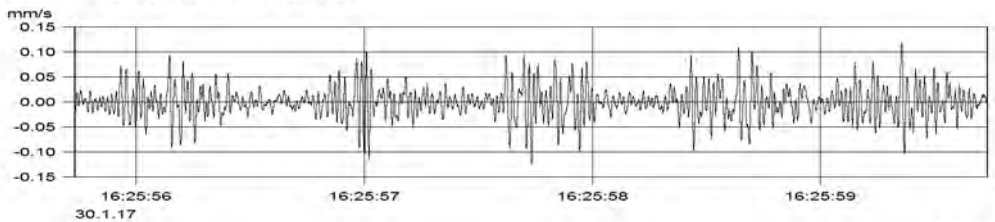
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.301 mm/s



h:m:s

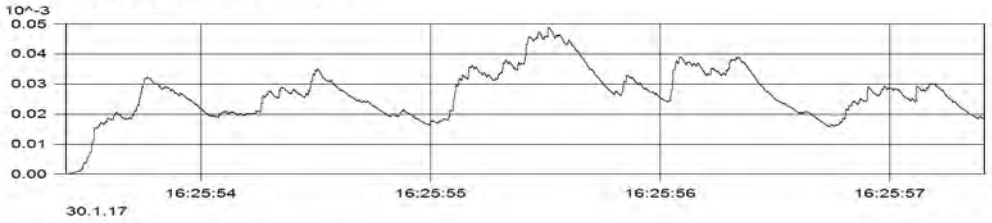
MP3.2 (Kanal\_004) v(max) = 0.125 mm/s



h:m:s

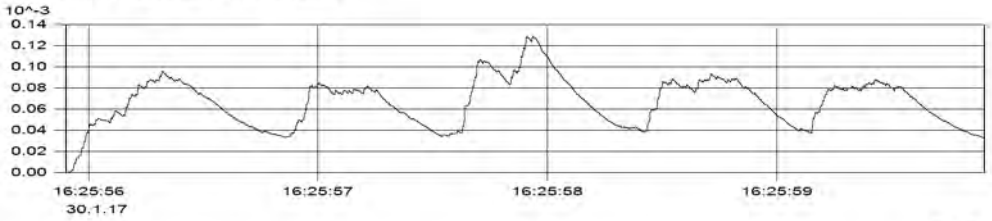
2017-01-30 16:23-43 (26): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.049[-]



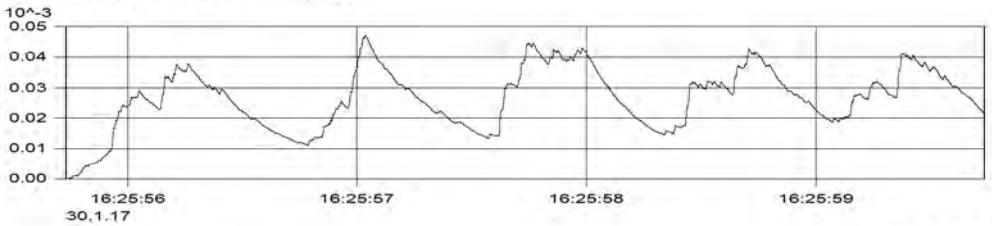
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.129[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.047[-]



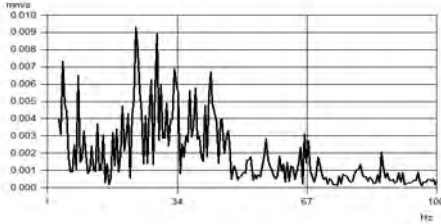
h:m:s

M8D Ri II

2017-01-30 16-23-43 (26)

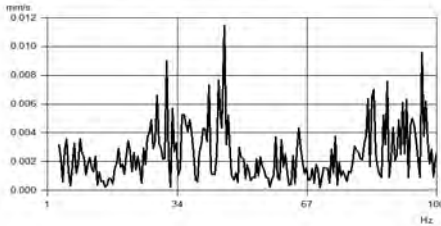
MP1 (Kanal\_001)

$f_e = 23.4 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



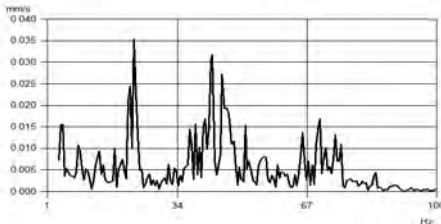
MP2.1 (Kanal\_002)

$f_e = 45.9 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



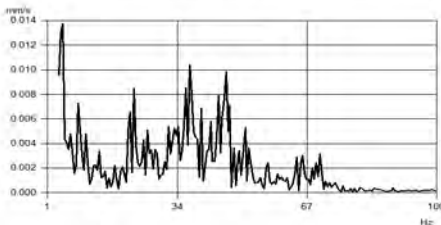
MP3.1 (Kanal\_003)

$f_e = 22.9 \text{ Hz} / v(\text{max}) = 0.035 \text{ mm/s}$



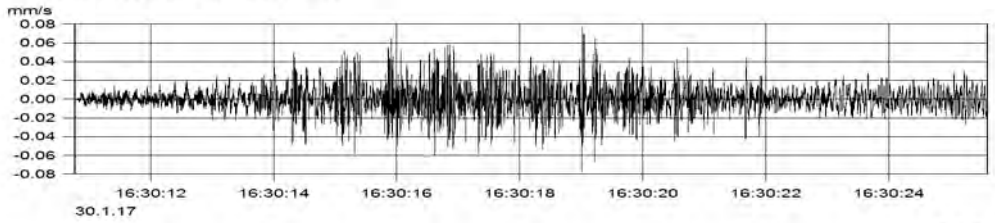
MP3.2 (Kanal\_004)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



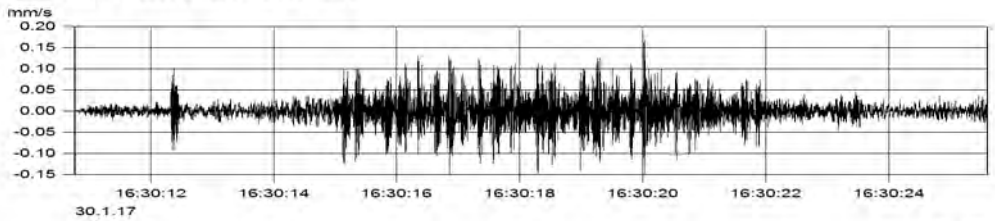
2017-01-30 16:26-09 (27): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.077 mm/s



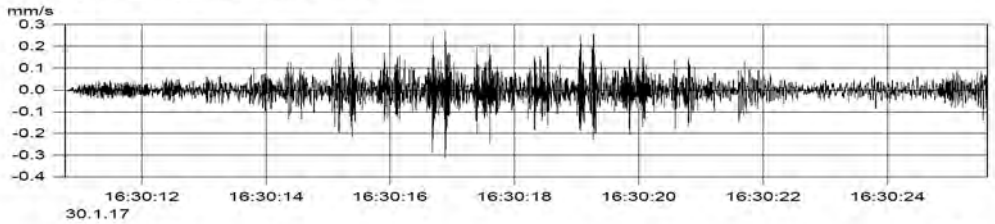
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.167 mm/s



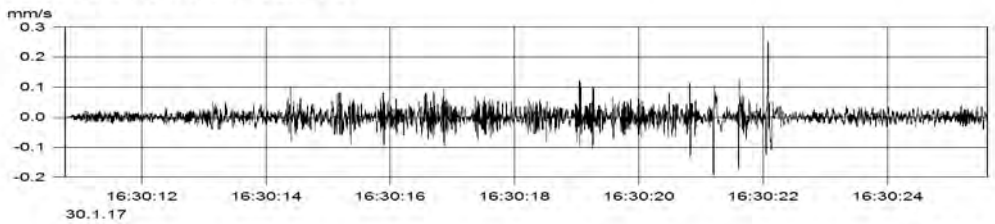
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.314 mm/s



h:m:s

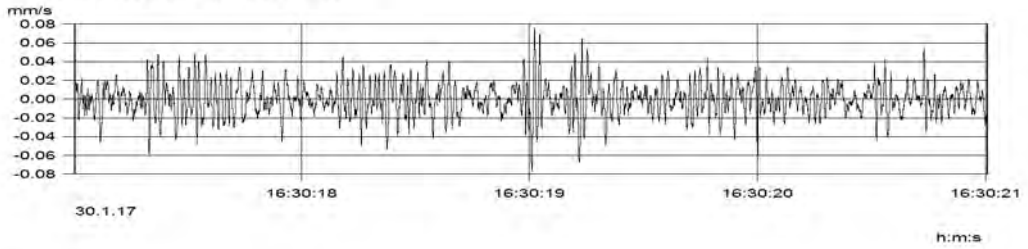
MP3.2 (Kanal\_004) v(max) = 0.255 mm/s



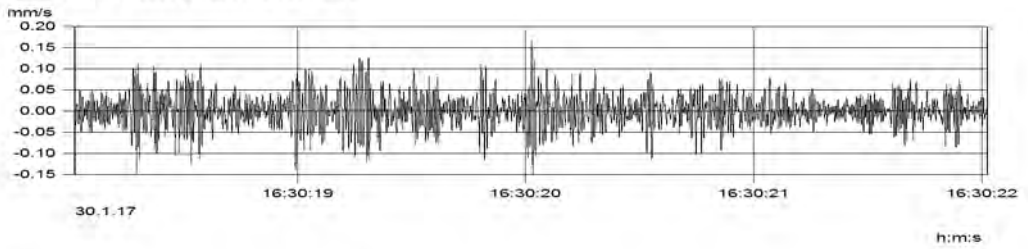
h:m:s

2017-01-30 16:26-09 (27): M8D Ri I

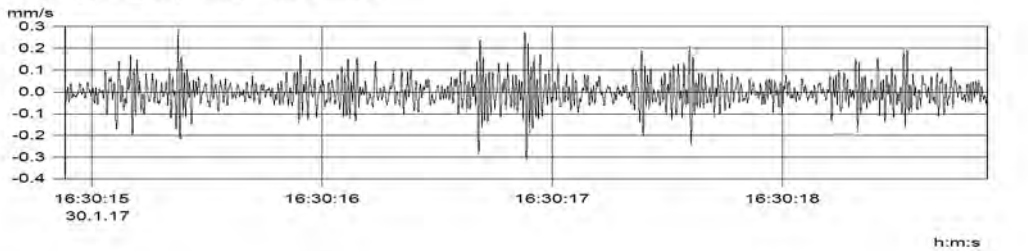
MP1 (Kanal\_001) v(max) = 0.077 mm/s



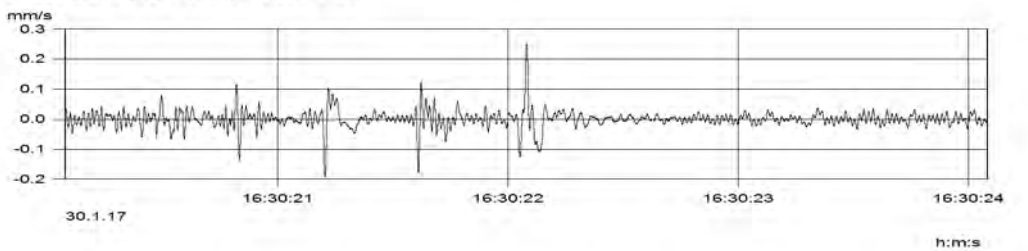
MP2.1 (Kanal\_002) v(max) = 0.167 mm/s



MP3.1 (Kanal\_003) v(max) = 0.314 mm/s

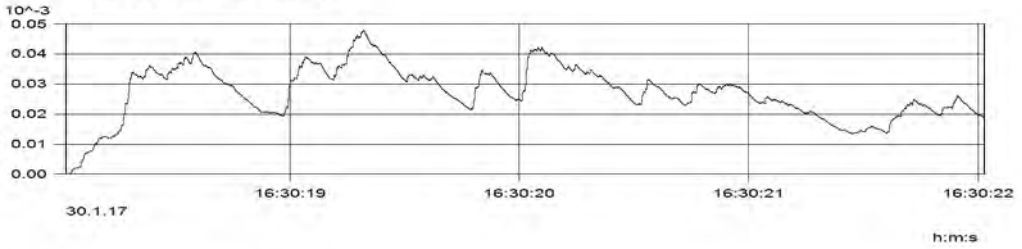


MP3.2 (Kanal\_004) v(max) = 0.255 mm/s

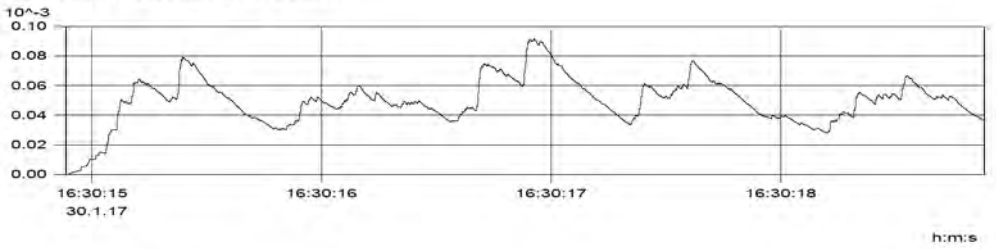


2017-01-30 16:26-09 (27): M8D Ri I

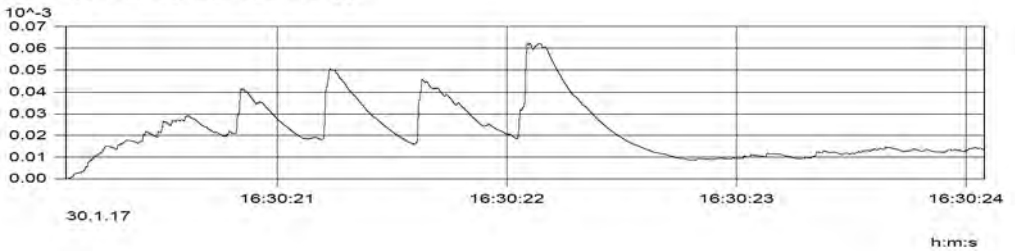
MP2.1 (Kanal\_002) KB(max) = 0.048[-]



MP3.1 (Kanal\_003) KB(max) = 0.092[-]



MP3.2 (Kanal\_004) KB(max) = 0.063[-]



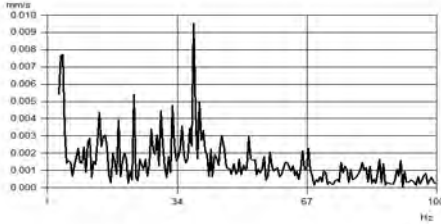


M8D Ri I

2017-01-30 16-26-09 (27)

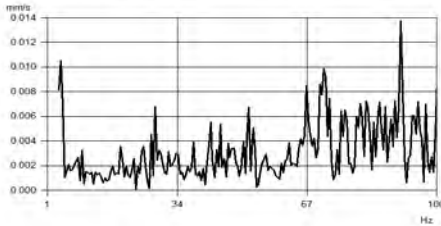
MP1 (Kanal\_001)

$f_e = 38.1 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



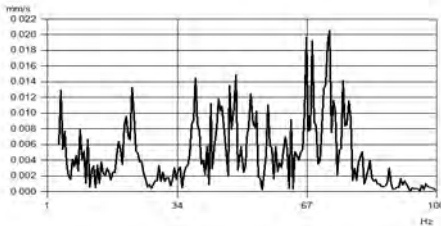
MP2.1 (Kanal\_002)

$f_e = 90.8 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



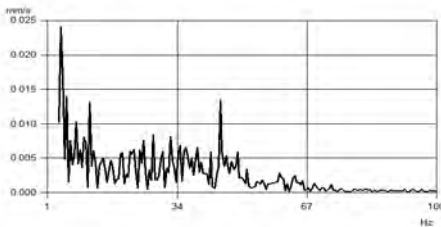
MP3.1 (Kanal\_003)

$f_e = 72.8 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



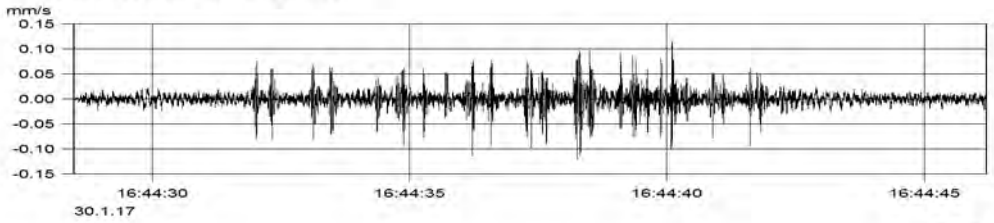
MP3.2 (Kanal\_004)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.024 \text{ mm/s}$



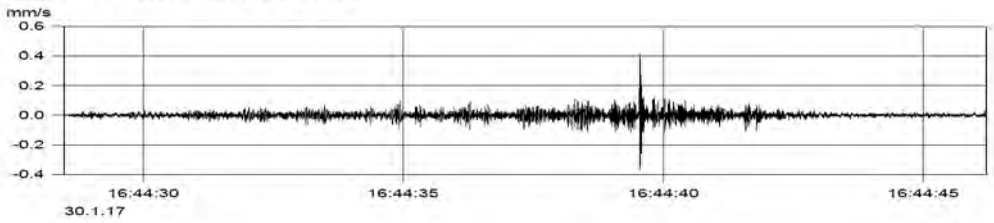
2017-01-30 16:35-36 (29): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.122 mm/s



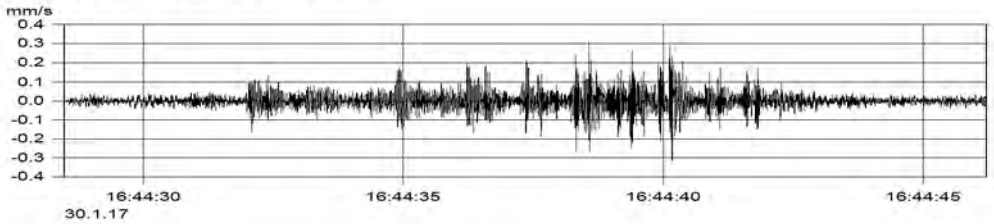
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.418 mm/s



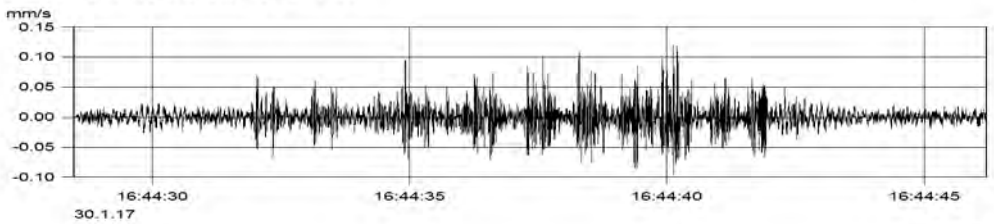
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.316 mm/s



h:m:s

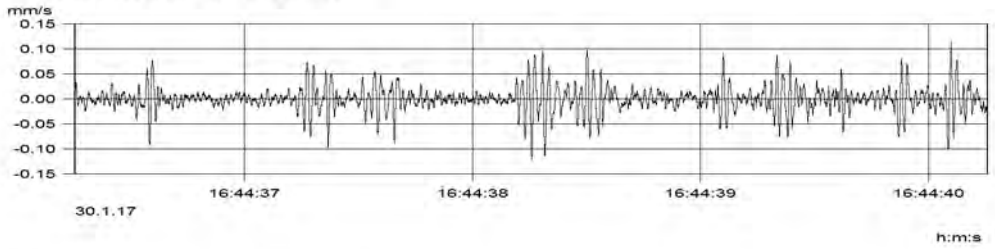
MP3.2 (Kanal\_004) v(max) = 0.121 mm/s



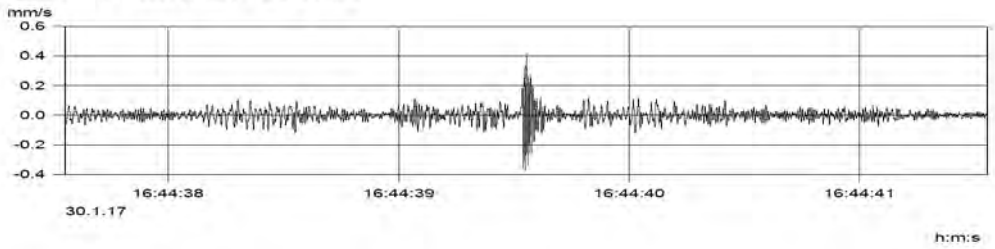
h:m:s

2017-01-30 16:35-36 (29): M8D Ri I

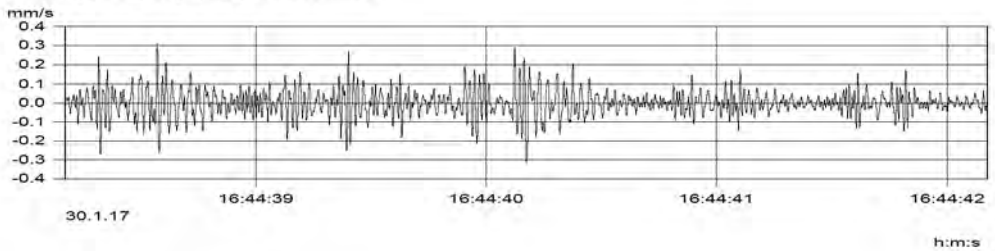
MP1 (Kanal\_001) v(max) = 0.122 mm/s



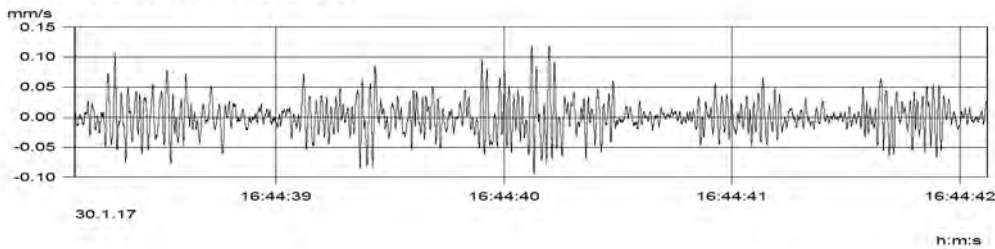
MP2.1 (Kanal\_002) v(max) = 0.418 mm/s



MP3.1 (Kanal\_003) v(max) = 0.316 mm/s

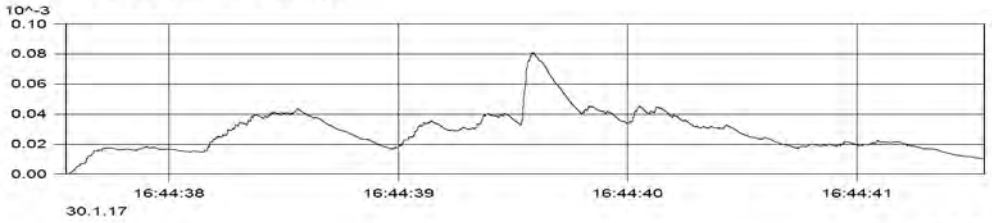


MP3.2 (Kanal\_004) v(max) = 0.121 mm/s



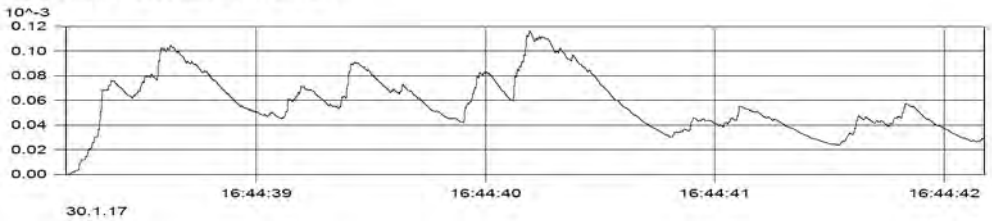
2017-01-30 16:35-36 (29): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.081[-]



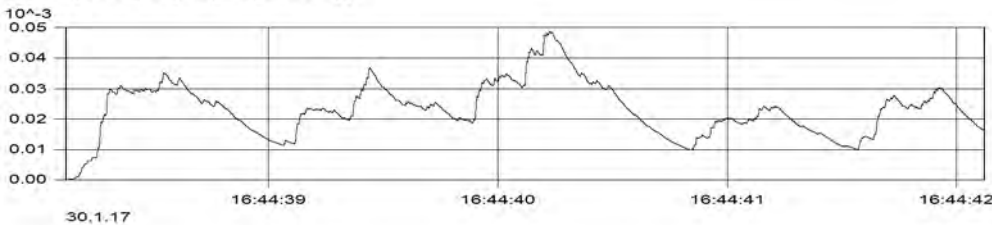
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.116[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.049[-]



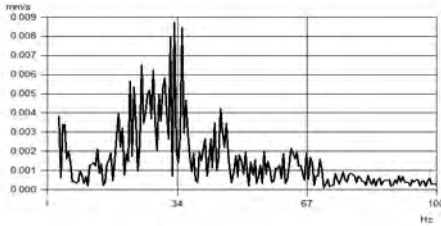
h:m:s

M8D Ri I

2017-01-30 16-35-36 (29)

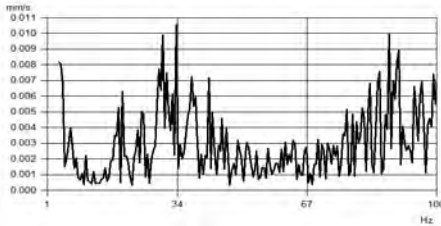
MP1 (Kanal\_001)

$f_e = 33.2 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



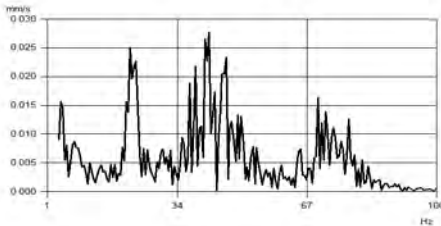
MP2.1 (Kanal\_002)

$f_e = 106.0 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



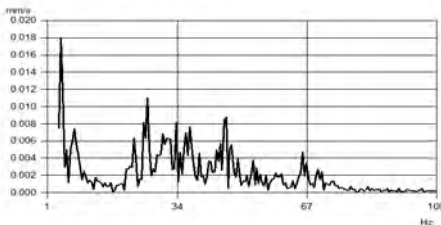
MP3.1 (Kanal\_003)

$f_e = 42.0 \text{ Hz} / v(\text{max}) = 0.028 \text{ mm/s}$



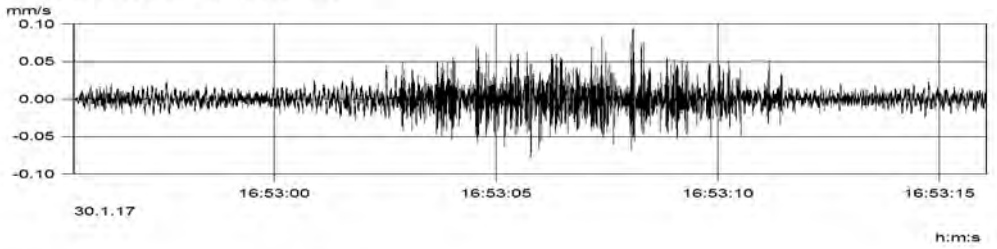
MP3.2 (Kanal\_004)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.018 \text{ mm/s}$

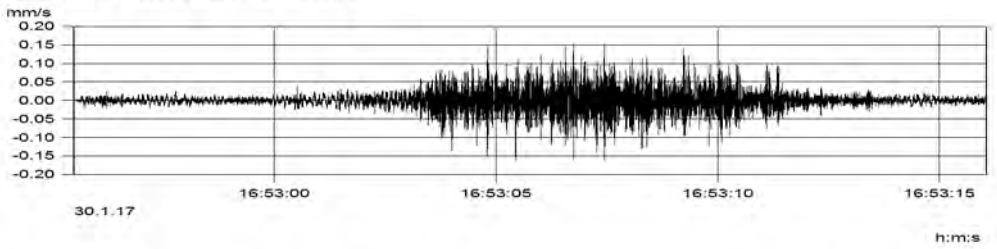


2017-01-30 16:44:52 (30): M8D Ri II

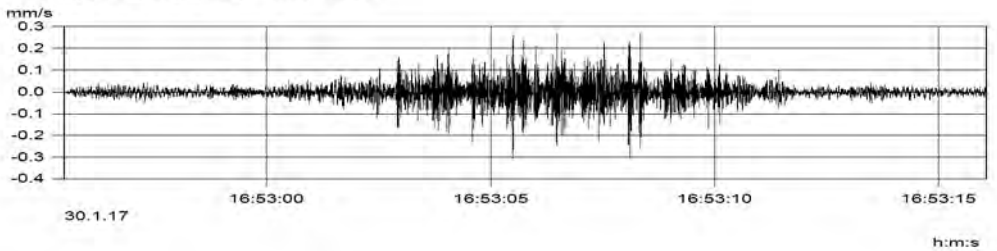
MP1 (Kanal\_001) v(max) = 0.095 mm/s



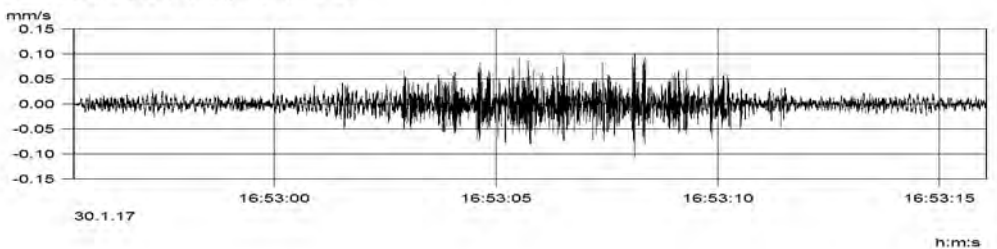
MP2.1 (Kanal\_002) v(max) = 0.163 mm/s



MP3.1 (Kanal\_003) v(max) = 0.307 mm/s

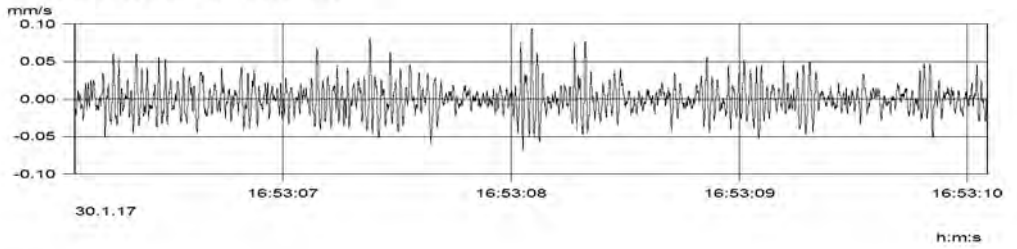


MP3.2 (Kanal\_004) v(max) = 0.108 mm/s

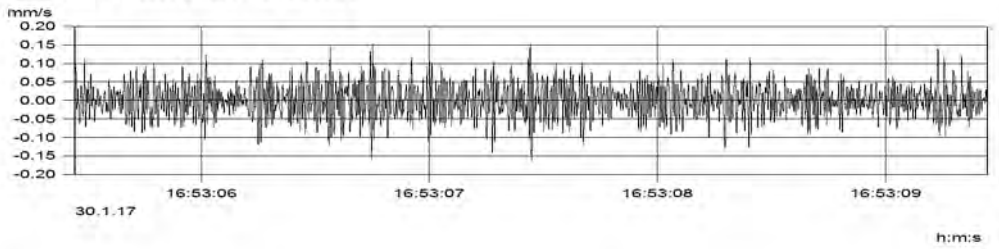


2017-01-30 16:44-52 (30): M8D Ri II

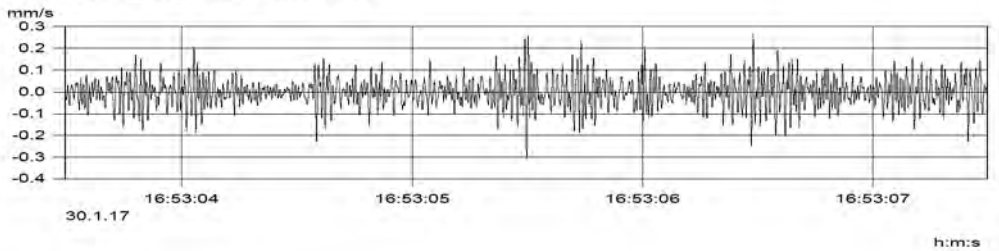
MP1 (Kanal\_001) v(max) = 0.095 mm/s



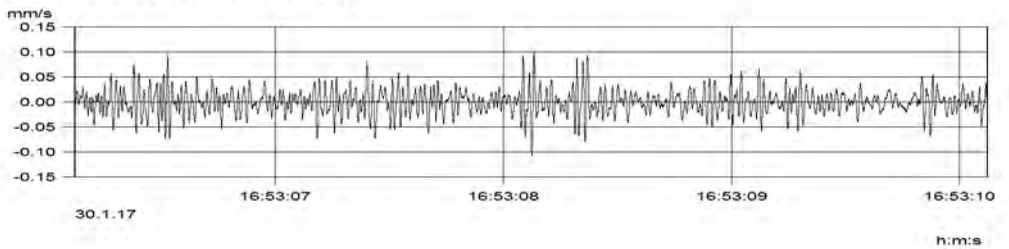
MP2.1 (Kanal\_002) v(max) = 0.163 mm/s



MP3.1 (Kanal\_003) v(max) = 0.307 mm/s



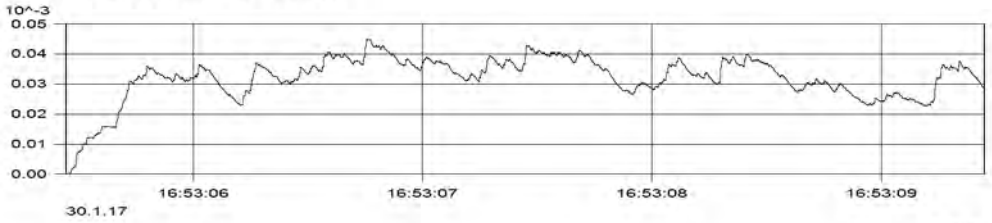
MP3.2 (Kanal\_004) v(max) = 0.108 mm/s





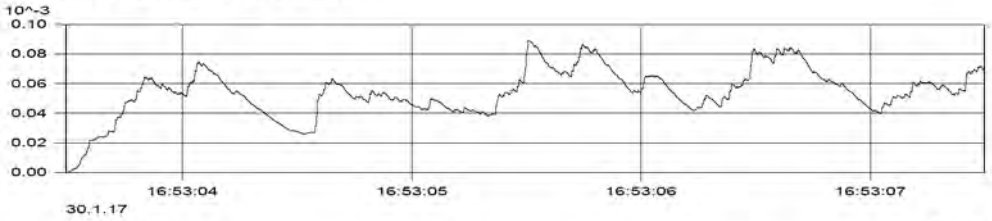
2017-01-30 16:44:52 (30): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.045[-]



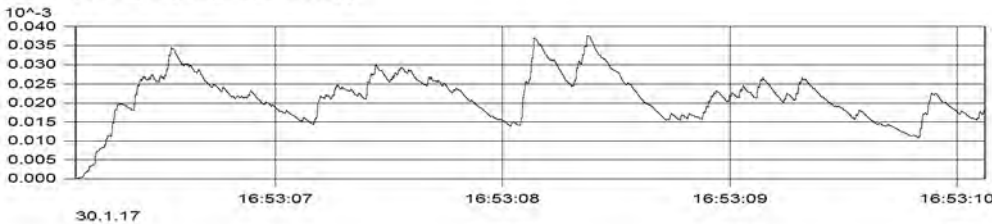
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.089[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.038[-]



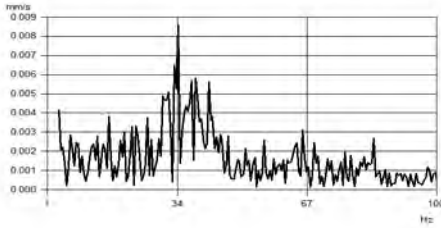
h:m:s

M8D Ri II

2017-01-30 16-44-52 (30)

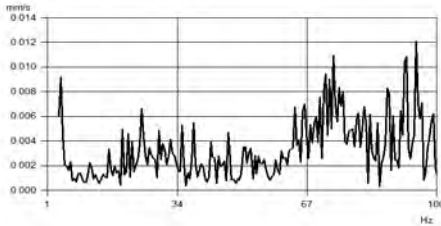
MP1 (Kanal\_001)

$f_e = 34.2 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



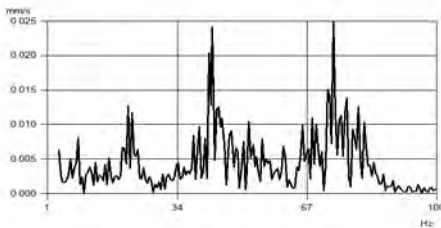
MP2.1 (Kanal\_002)

$f_e = 100.6 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



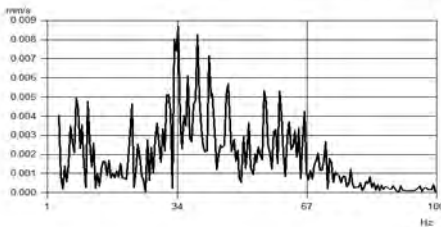
MP3.1 (Kanal\_003)

$f_e = 73.7 \text{ Hz} / v(\text{max}) = 0.025 \text{ mm/s}$



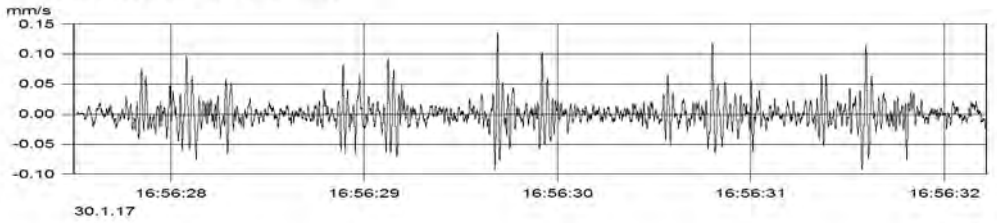
MP3.2 (Kanal\_004)

$f_e = 34.2 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$

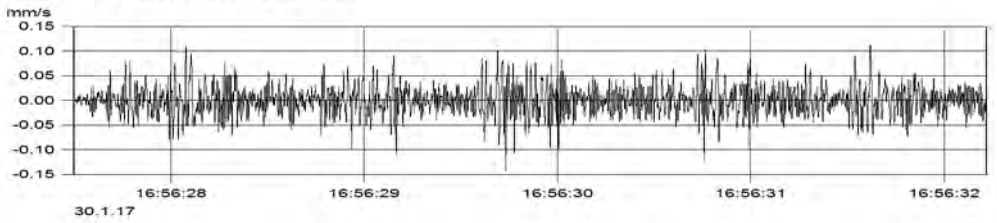


2017-01-30 16:53-29 (31): M8D 3fach Ri I

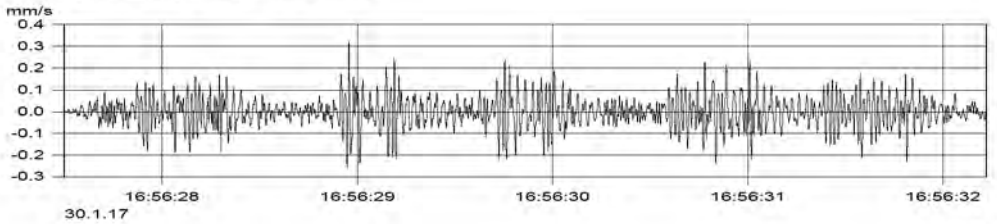
MP1 (Kanal\_001) v(max) = 0.137 mm/s



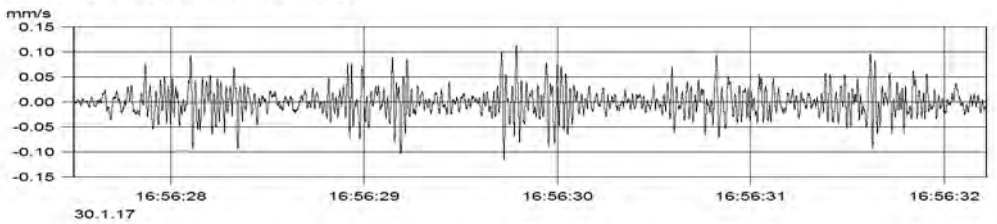
MP2.1 (Kanal\_002) v(max) = 0.144 mm/s



MP3.1 (Kanal\_003) v(max) = 0.322 mm/s

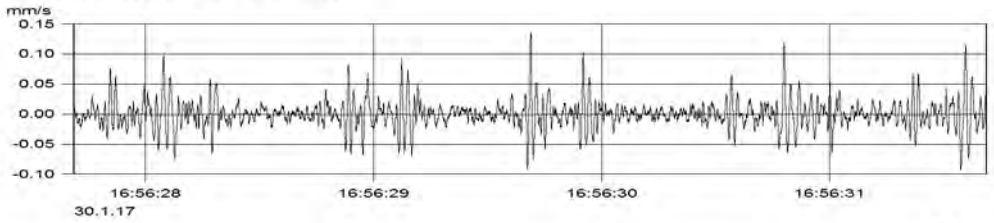


MP3.2 (Kanal\_004) v(max) = 0.116 mm/s



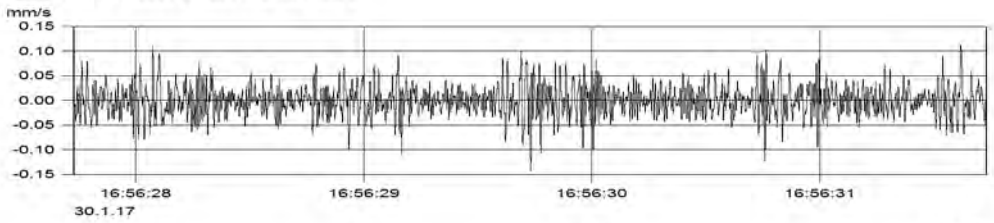
2017-01-30 16:53-29 (31): M8D 3fach Ri I

MP1 (Kanal\_001) v(max) = 0.137 mm/s



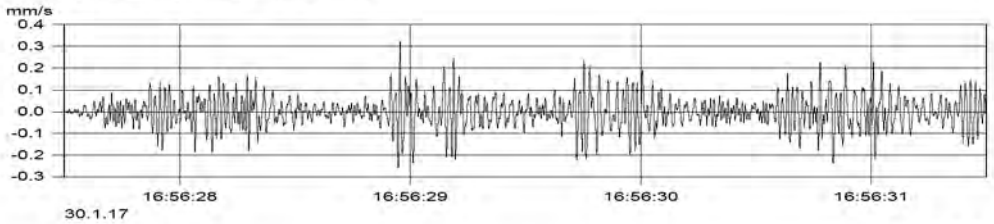
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.144 mm/s



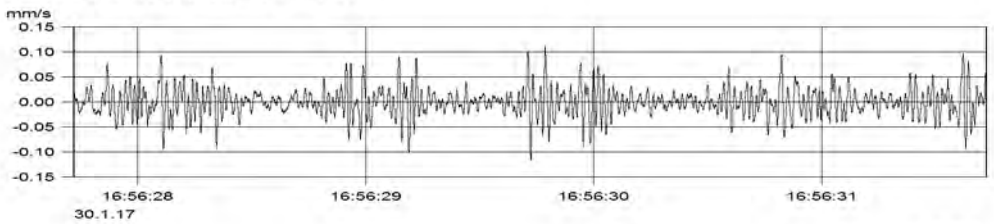
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.322 mm/s



h:m:s

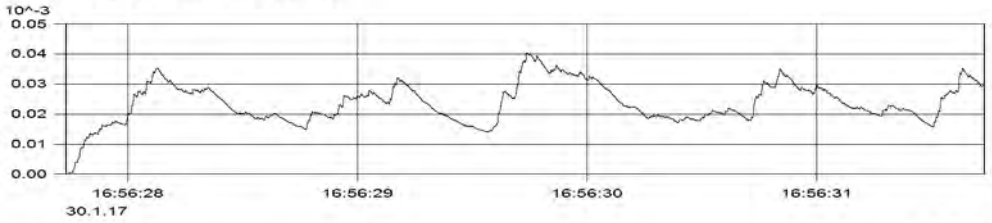
MP3.2 (Kanal\_004) v(max) = 0.116 mm/s



h:m:s

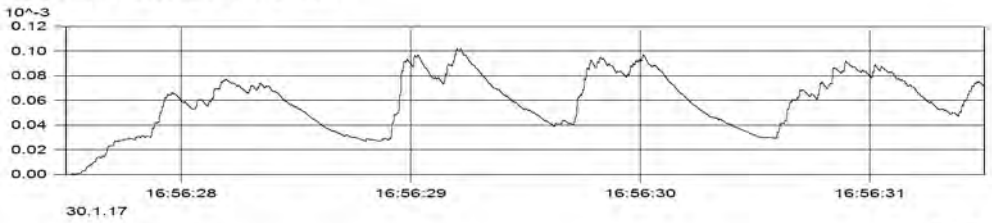
2017-01-30 16:53-29 (31): M8D 3fach Ri I

MP2.1 (Kanal\_002) KB(max) = 0.041[-]



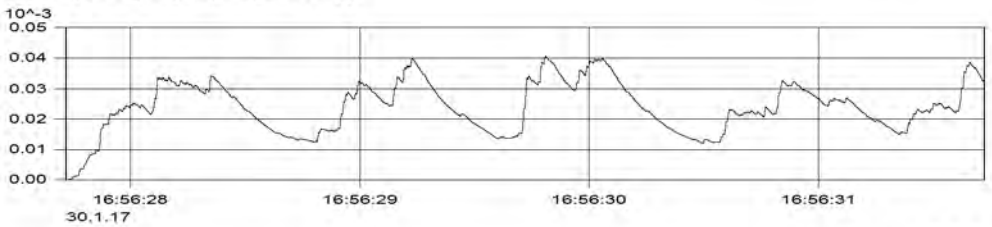
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.102[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.041[-]



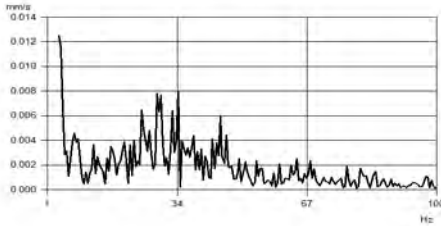
h:m:s

M8D 3fach Ri I

2017-01-30 16:53:29 (31)

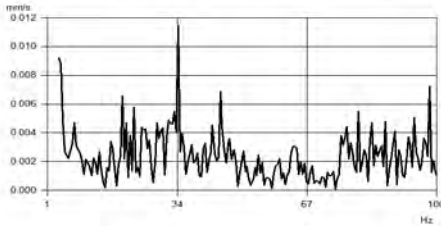
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$



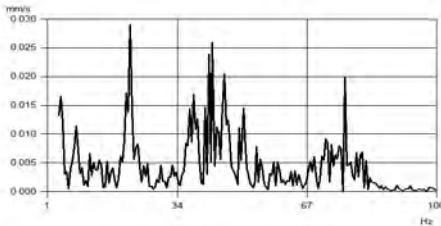
MP2.1 (Kanal\_002)

$f_e = 34.2 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



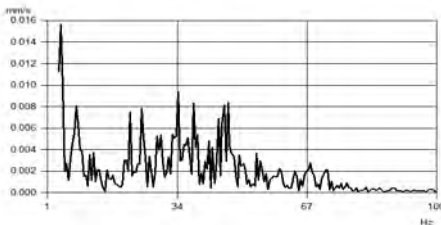
MP3.1 (Kanal\_003)

$f_e = 22.0 \text{ Hz} / v(\text{max}) = 0.029 \text{ mm/s}$



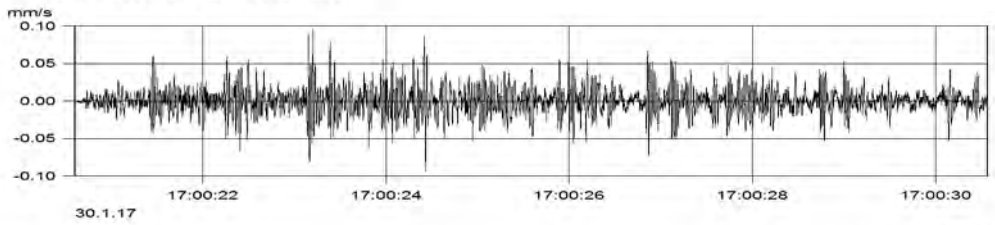
MP3.2 (Kanal\_004)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



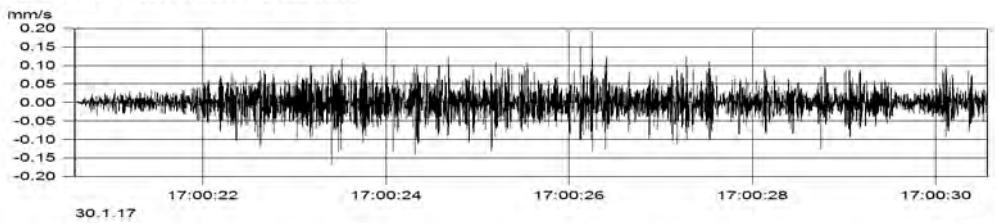
2017-01-30 16-56-44 (32): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.095 mm/s



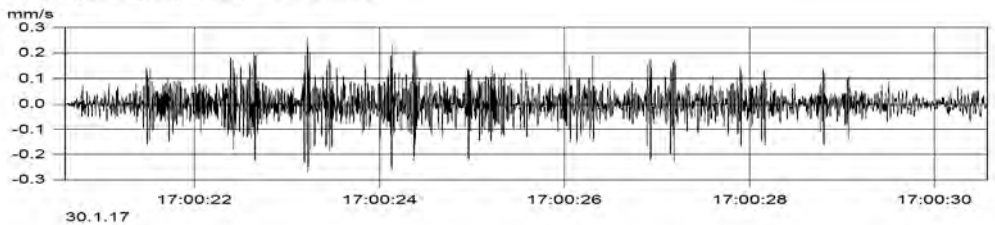
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.195 mm/s



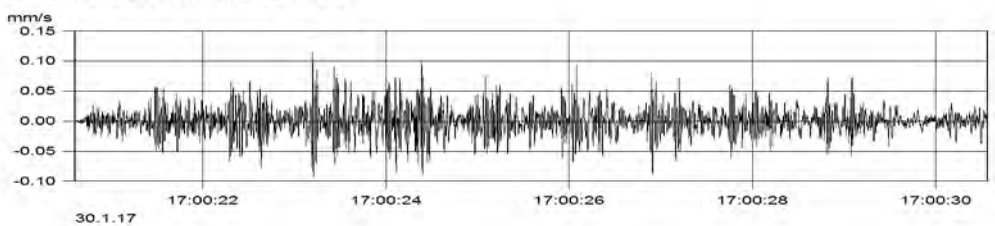
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.272 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.116 mm/s

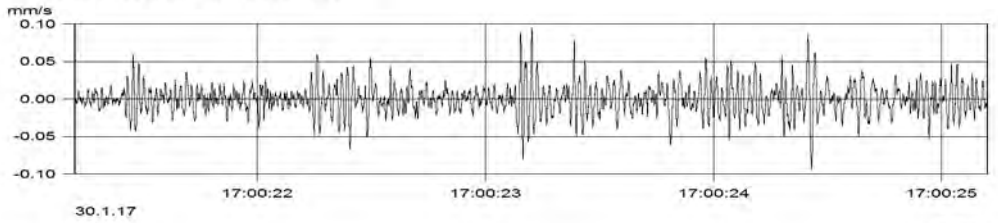


h:m:s



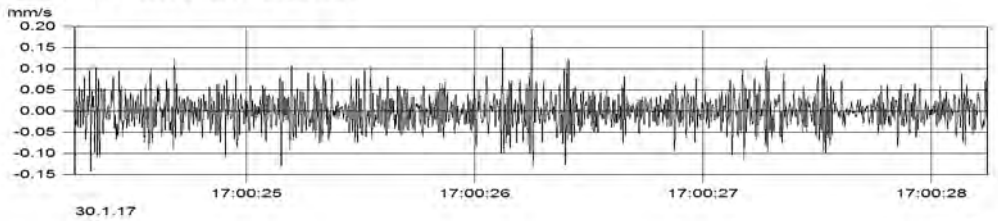
2017-01-30 16:56:44 (32): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.095 mm/s



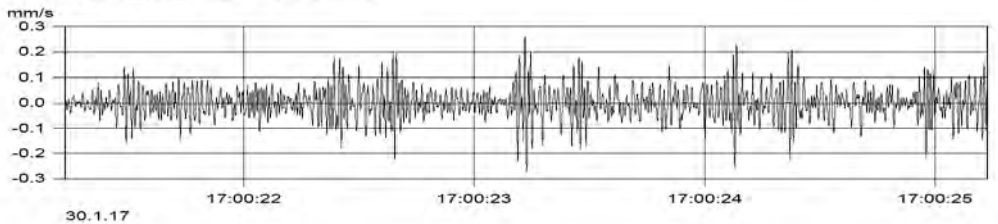
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.195 mm/s



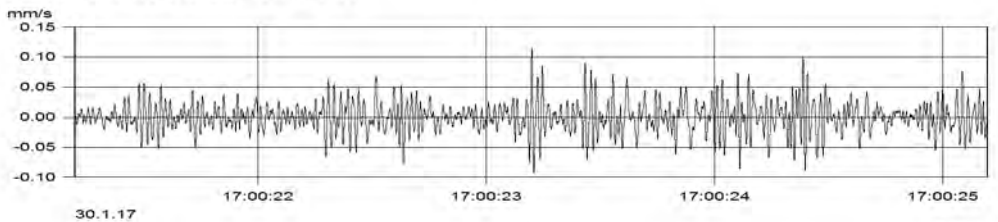
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.272 mm/s



h:m:s

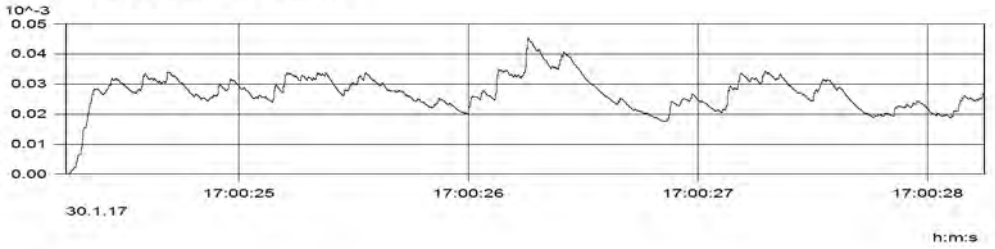
MP3.2 (Kanal\_004) v(max) = 0.116 mm/s



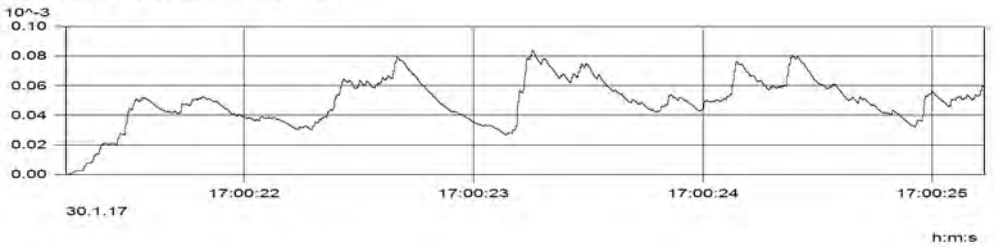
h:m:s

2017-01-30 16-56-44 (32): M8D Ri II

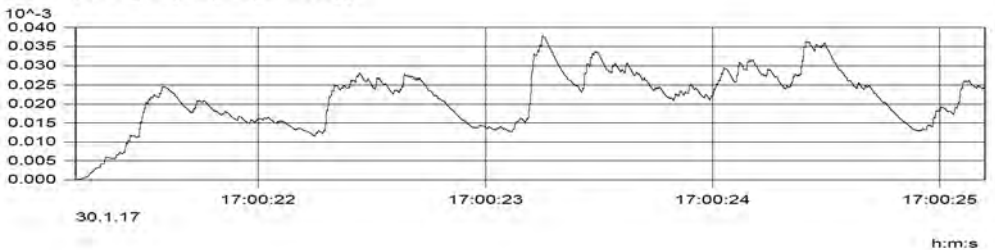
MP2.1 (Kanal\_002) KB(max) = 0.045[-]



MP3.1 (Kanal\_003) KB(max) = 0.084[-]



MP3.2 (Kanal\_004) KB(max) = 0.038[-]

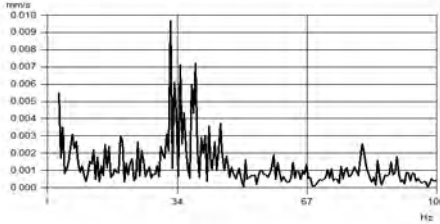


M8D Ri II

2017-01-30 16-56-44 (32)

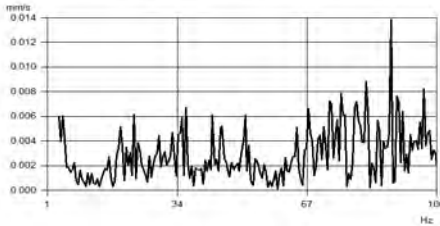
MP1 (Kanal\_001)

$f_e = 32.2 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



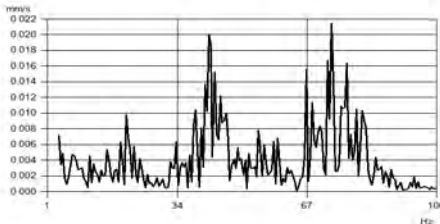
MP2.1 (Kanal\_002)

$f_e = 88.4 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



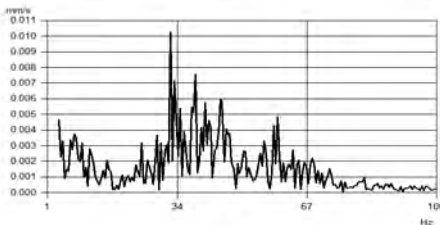
MP3.1 (Kanal\_003)

$f_e = 73.2 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



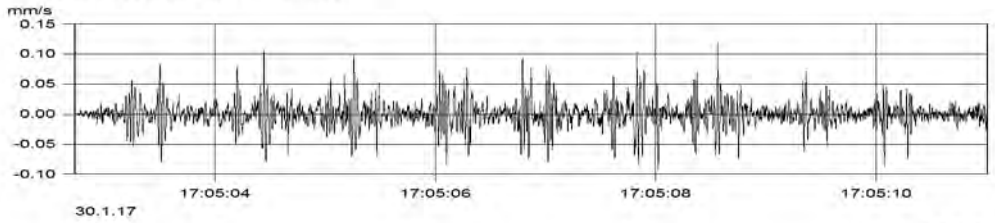
MP3.2 (Kanal\_004)

$f_e = 32.2 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



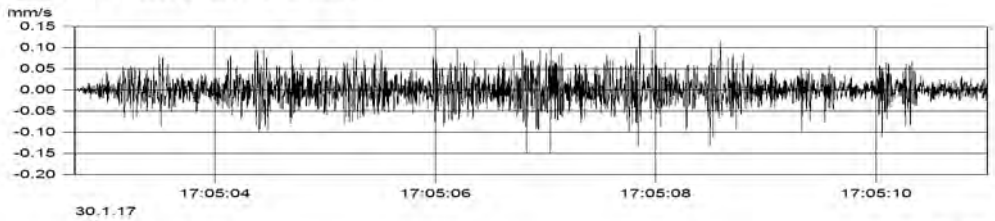
2017-01-30 17:00-42 (33): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.118 mm/s



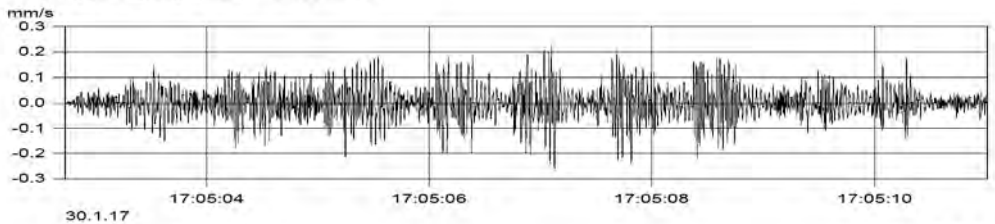
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.151 mm/s



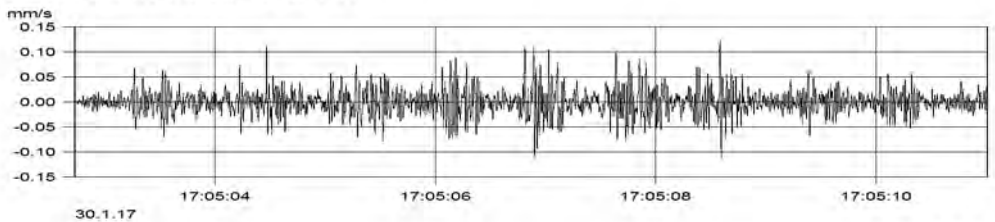
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.260 mm/s



h:m:s

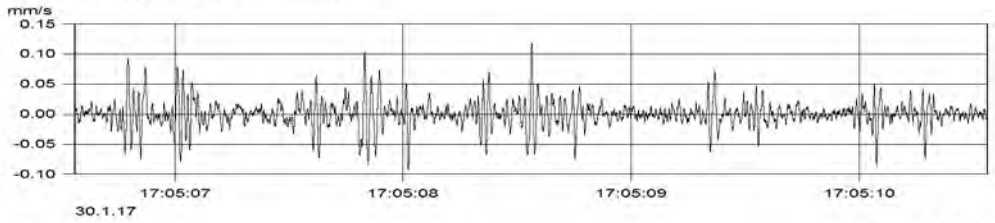
MP3.2 (Kanal\_004) v(max) = 0.123 mm/s



h:m:s

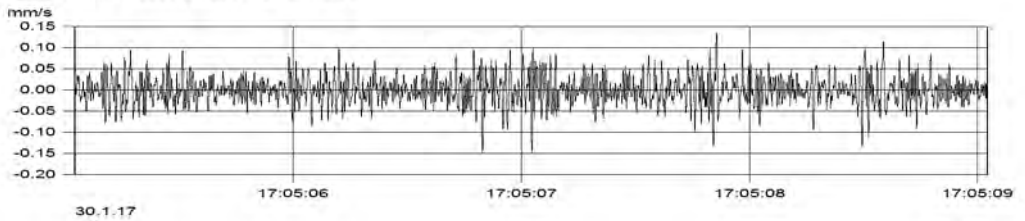
2017-01-30 17:00-42 (33): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.118 mm/s



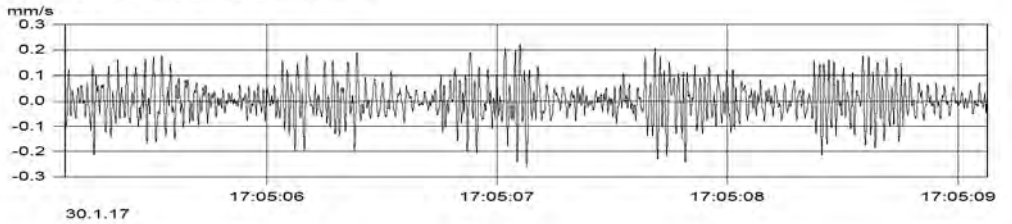
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.151 mm/s



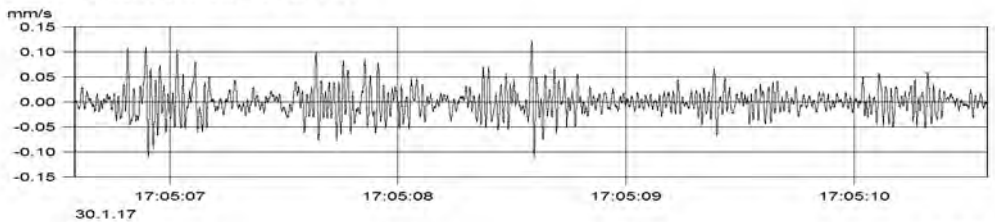
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.260 mm/s



h:m:s

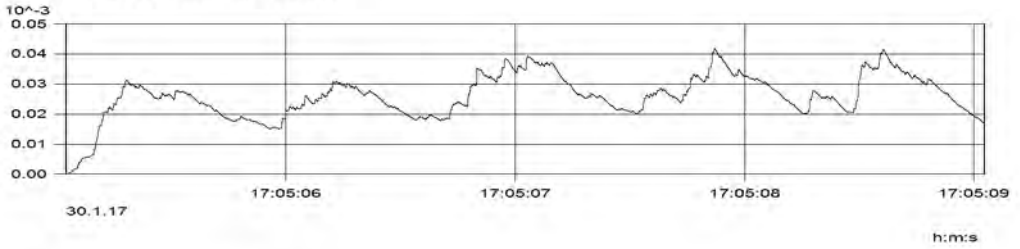
MP3.2 (Kanal\_004) v(max) = 0.123 mm/s



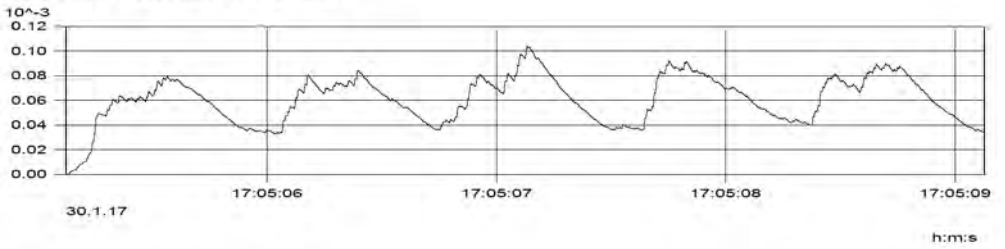
h:m:s

2017-01-30 17:00-42 (33): M8D Ri II

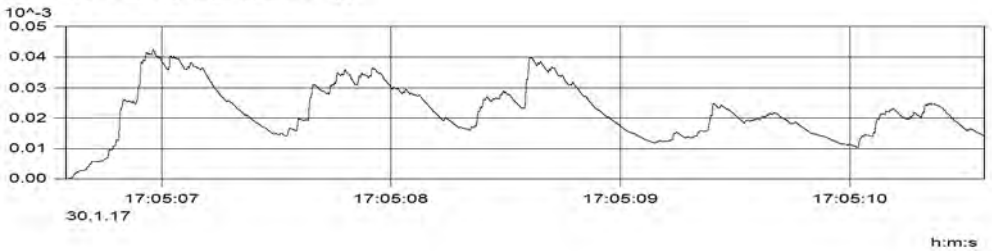
MP2.1 (Kanal\_002) KB(max) = 0.042[-]



MP3.1 (Kanal\_003) KB(max) = 0.104[-]



MP3.2 (Kanal\_004) KB(max) = 0.042[-]

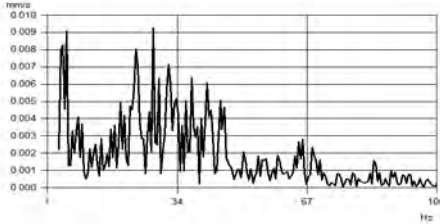


M8D Ri II

2017-01-30 17-00-42 (33)

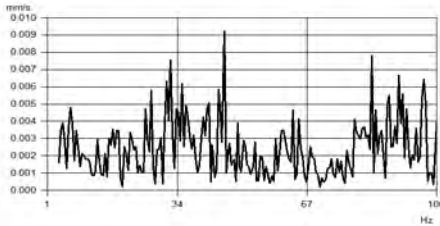
MP1 (Kanal\_001)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



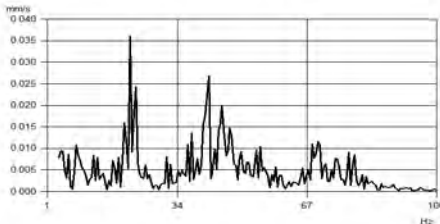
MP2.1 (Kanal\_002)

$f_e = 45.9 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



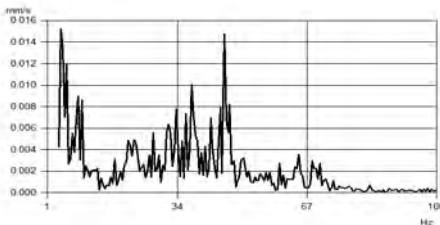
MP3.1 (Kanal\_003)

$f_e = 22.0 \text{ Hz} / v(\text{max}) = 0.036 \text{ mm/s}$



MP3.2 (Kanal\_004)

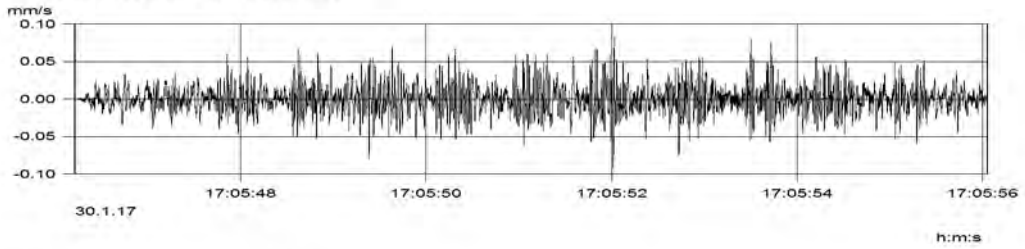
$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



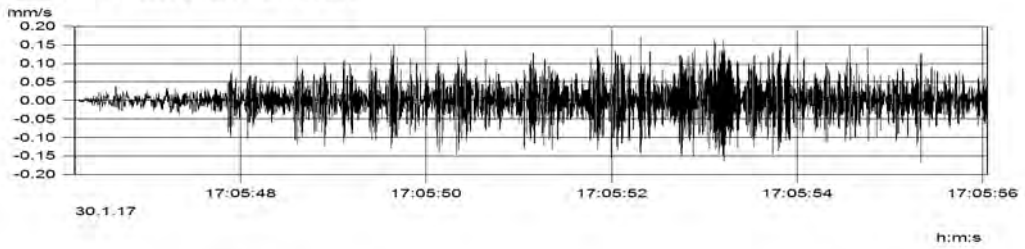


2017-01-30 17-05-20 (34): M8D 3fach Ri I

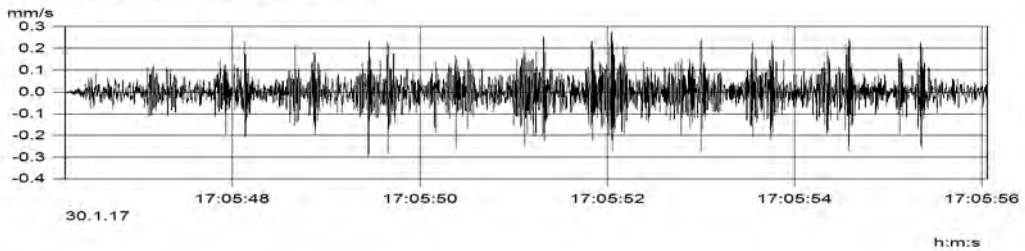
MP1 (Kanal\_001) v(max) = 0.092 mm/s



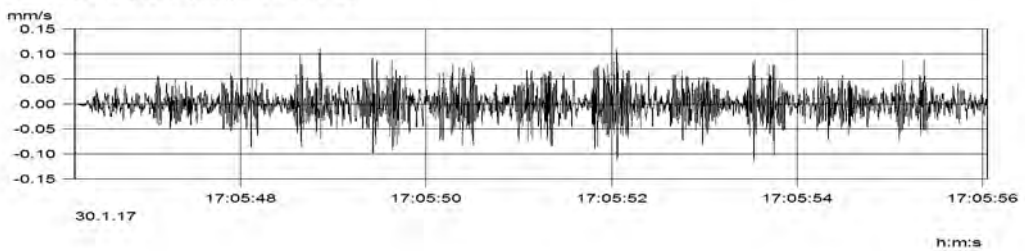
MP2.1 (Kanal\_002) v(max) = 0.172 mm/s



MP3.1 (Kanal\_003) v(max) = 0.302 mm/s

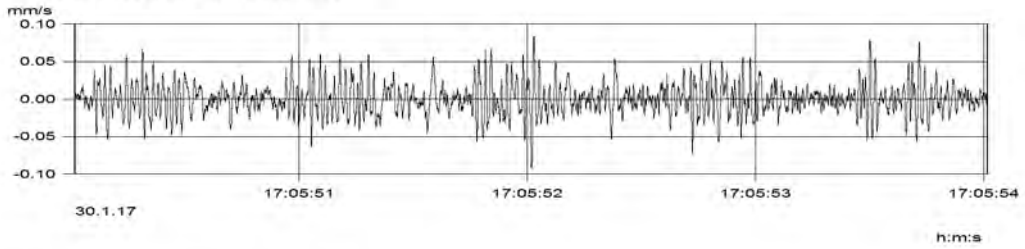


MP3.2 (Kanal\_004) v(max) = 0.116 mm/s

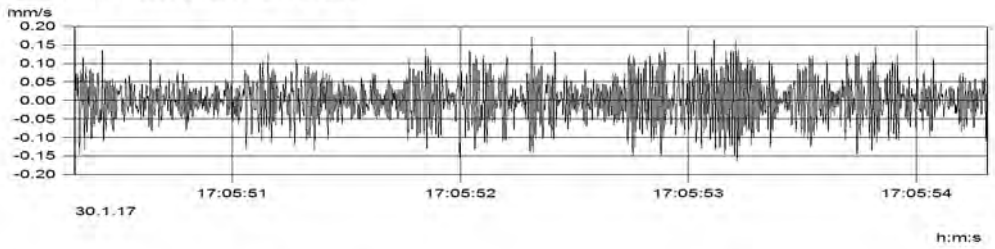


2017-01-30 17:05:20 (34): M8D 3fach Ri I

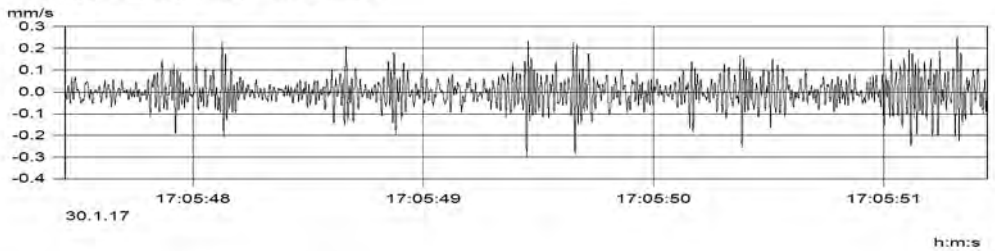
MP1 (Kanal\_001) v(max) = 0.092 mm/s



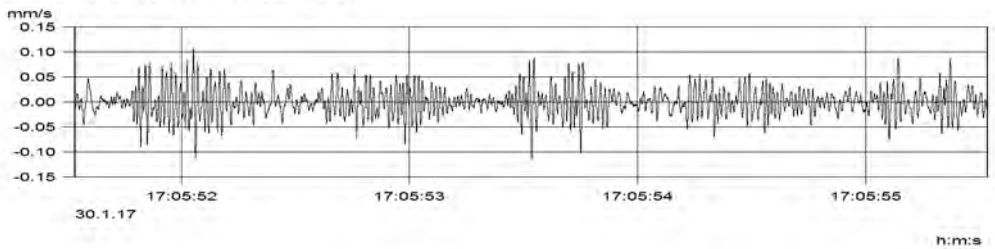
MP2.1 (Kanal\_002) v(max) = 0.172 mm/s



MP3.1 (Kanal\_003) v(max) = 0.302 mm/s

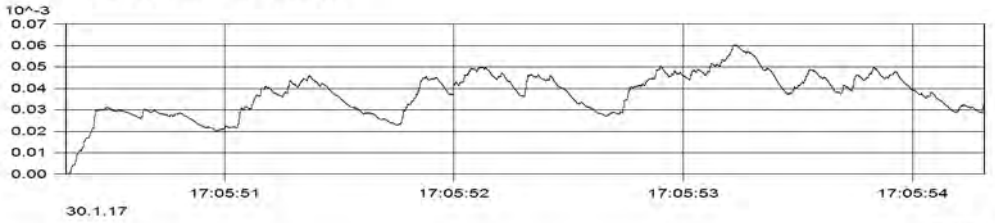


MP3.2 (Kanal\_004) v(max) = 0.116 mm/s



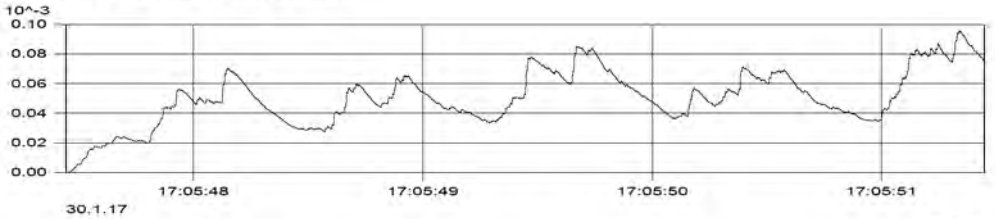
2017-01-30 17-05-20 (34): M8D 3fach Ri I

MP2.1 (Kanal\_002) KB(max) = 0.060[-]



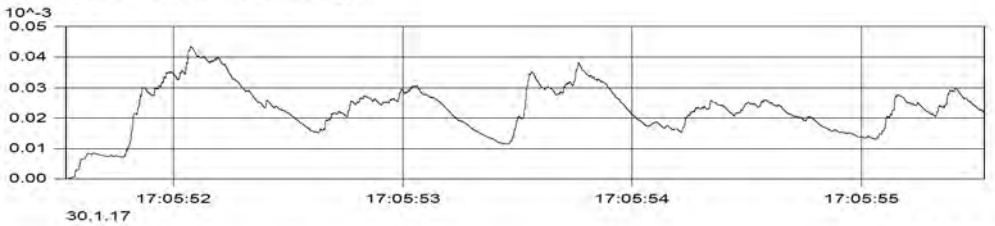
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.096[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.044[-]



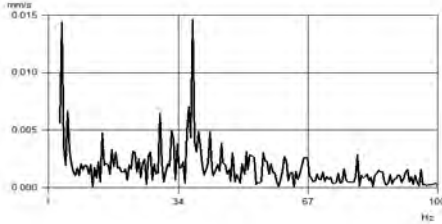
h:m:s

M8D 3fach Ri I

2017-01-30 17-05-20 (34)

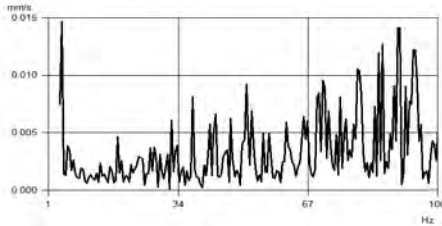
MP1 (Kanal\_001)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



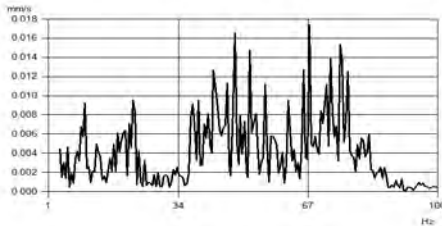
MP2.1 (Kanal\_002)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



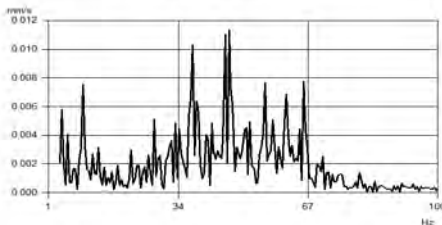
MP3.1 (Kanal\_003)

$f_e = 67.4 \text{ Hz} / v(\text{max}) = 0.017 \text{ mm/s}$



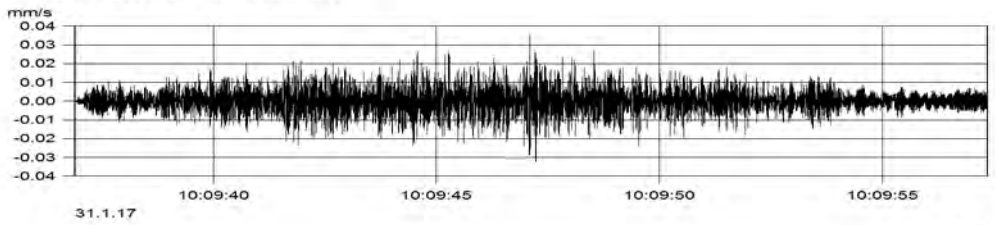
MP3.2 (Kanal\_004)

$f_e = 46.9 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



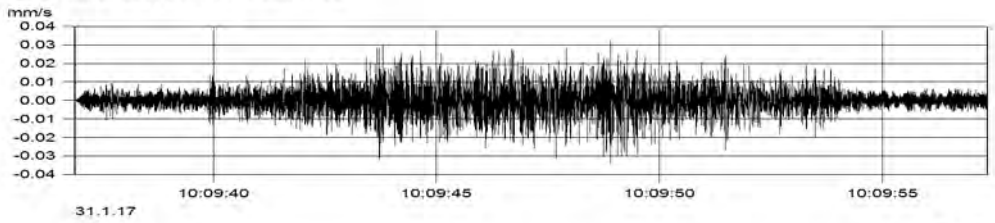
2017-01-31 10-08-51 (1): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.036 mm/s



h:m:s

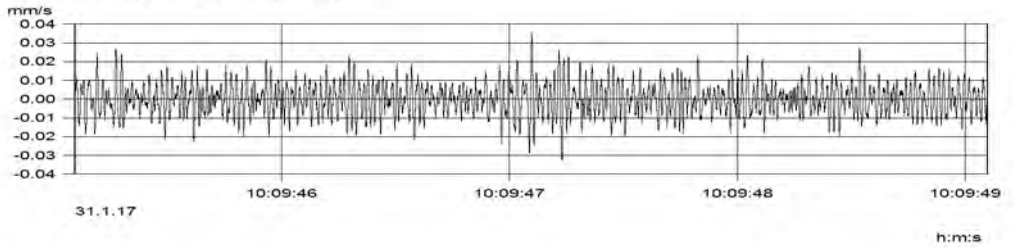
MP2 (Kanal\_002) v(max) = 0.034 mm/s



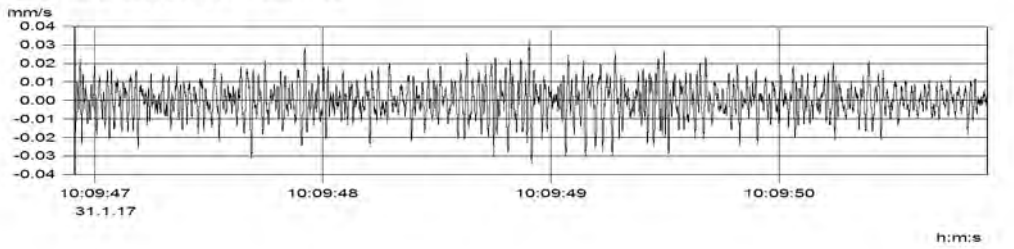
h:m:s

2017-01-31 10:08:51 (1): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.036 mm/s

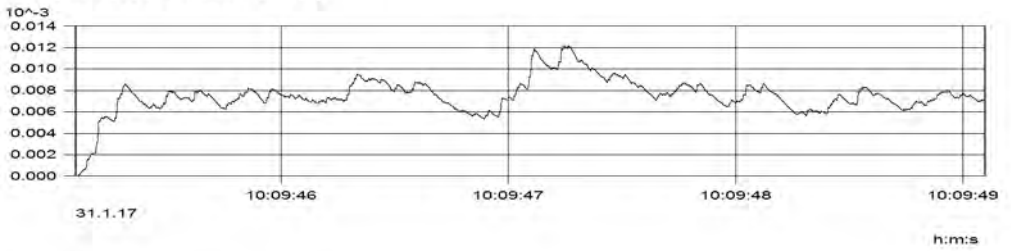


MP2 (Kanal\_002) v(max) = 0.034 mm/s

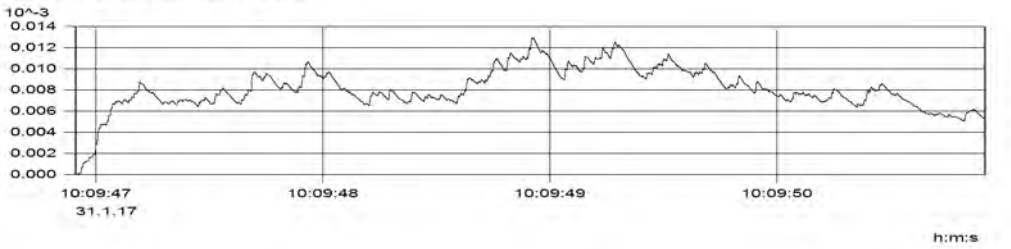


2017-01-31 10:08:51 (1): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.012[-]



MP2 (Kanal\_002) KB(max) = 0.013[-]



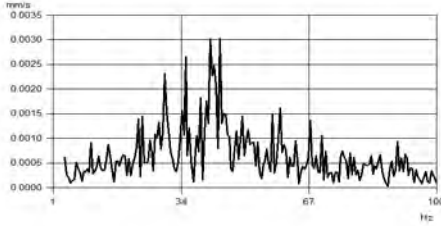


M8D Ri I

2017-01-31 10-08-51 (1)

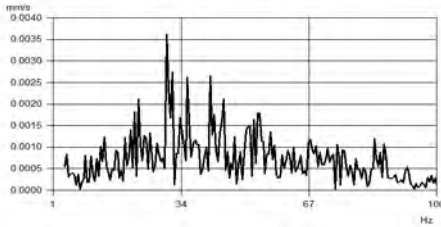
MP1 (Kanal\_001)

$f_e = 43.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



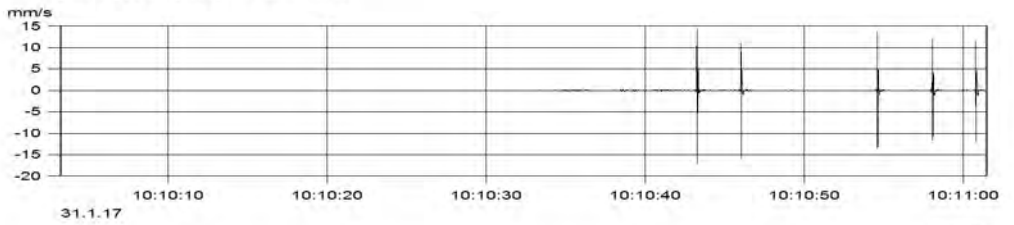
MP2 (Kanal\_002)

$f_e = 30.3 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



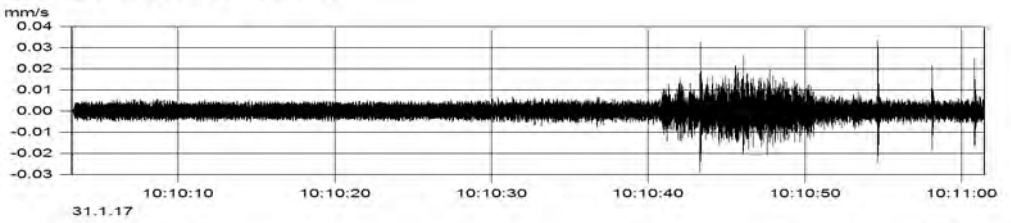
2017-01-31 10-10-02 (2): M8D Ri II

MP1 (Kanal\_001) v(max) = 17.057 mm/s



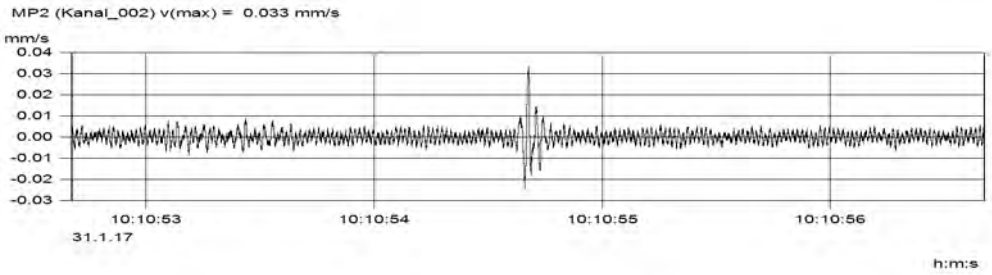
h:m:s

MP2 (Kanal\_002) v(max) = 0.033 mm/s



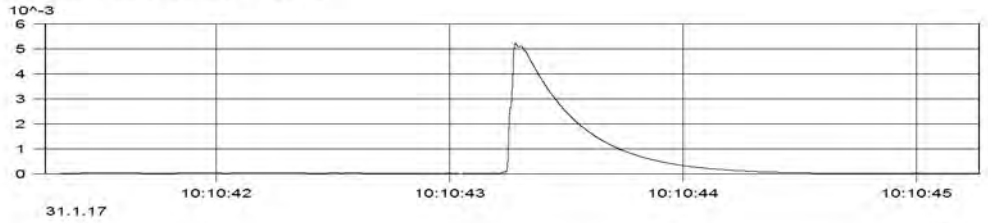
h:m:s

2017-01-31 10-10-02 (2): M8D Ri II



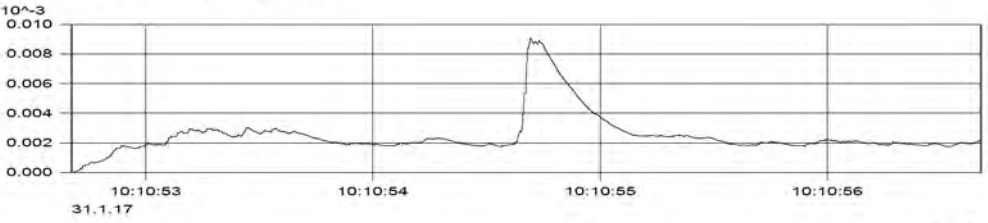
2017-01-31 10-10-02 (2): M8D Ri II

MP1 (Kanal\_001) KB(max) = 5.253[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.009[-]



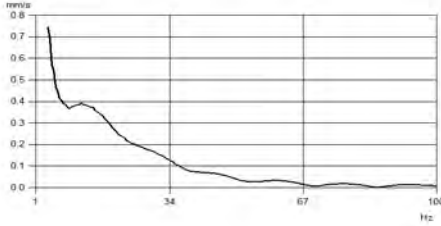
h:m:s

M8D Ri II

2017-01-31 10-10-02 (2)

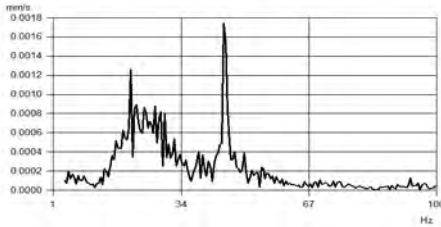
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.744 \text{ mm/s}$



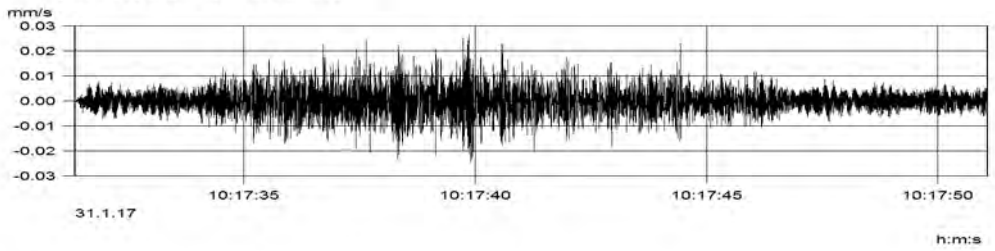
MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

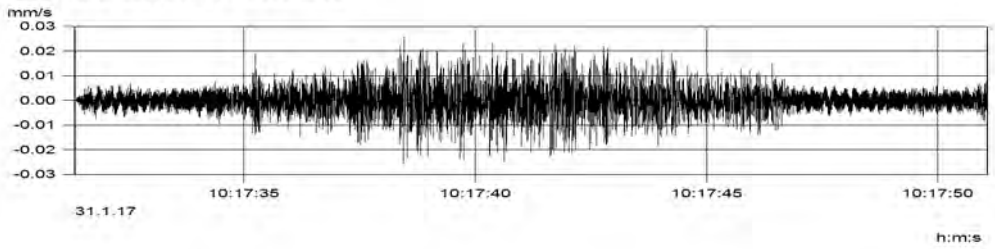


2017-01-31 10:12-12 (5): M8D Ri I

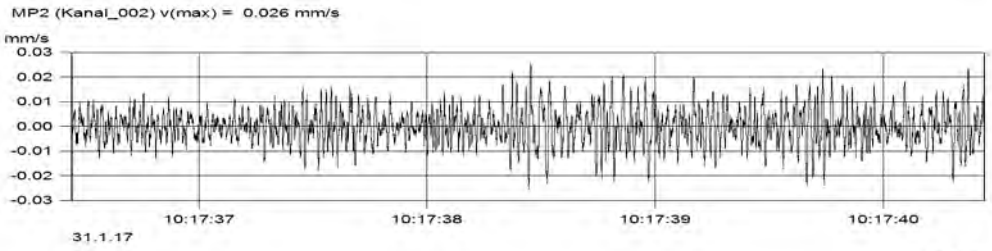
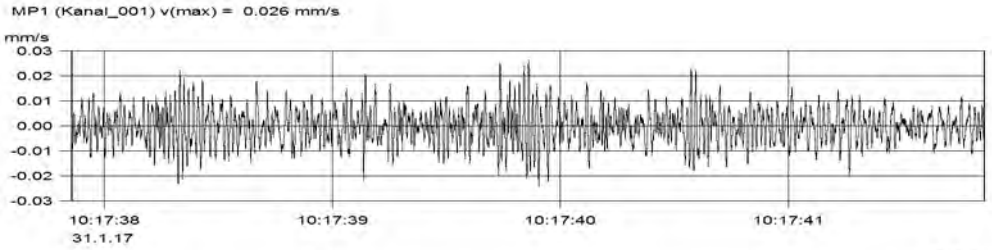
MP1 (Kanal\_001) v(max) = 0.026 mm/s



MP2 (Kanal\_002) v(max) = 0.026 mm/s



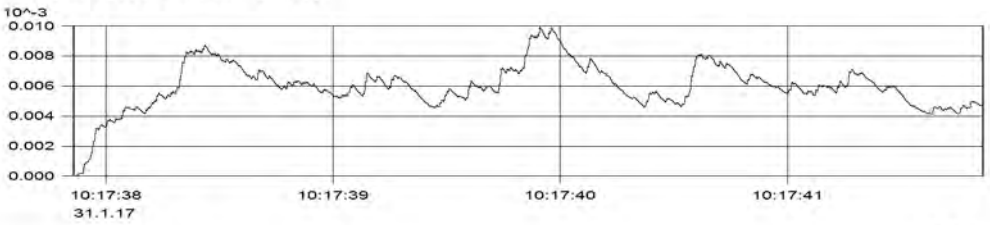
2017-01-31 10-12-12 (5): M8D Ri I





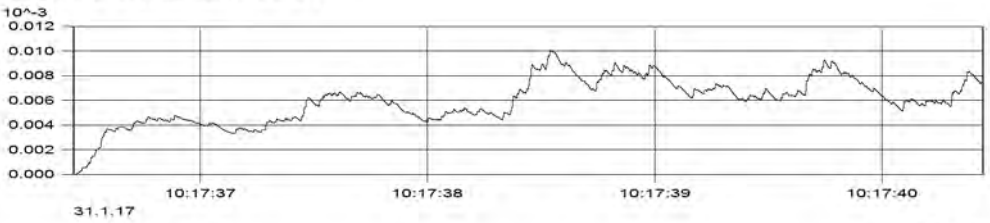
2017-01-31 10-12-12 (5): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.010[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.010[-]



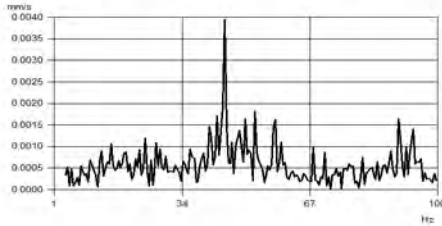
h:m:s

M8D Ri I

2017-01-31 10-12-12 (5)

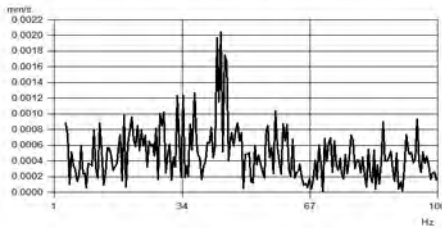
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$

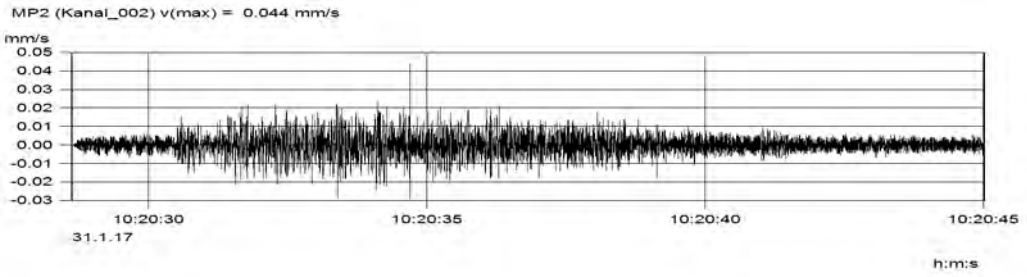
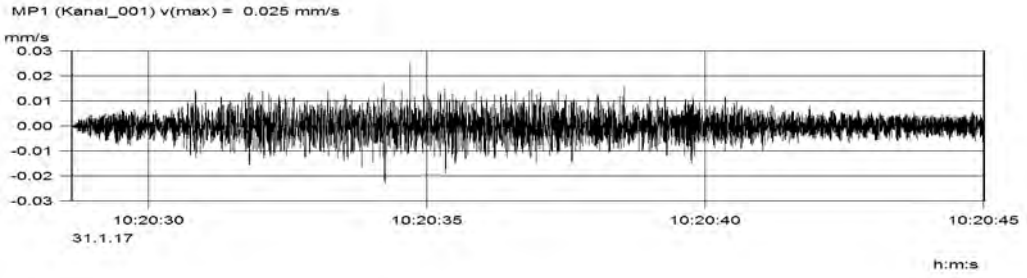


MP2 (Kanal\_002)

$f_e = 43.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

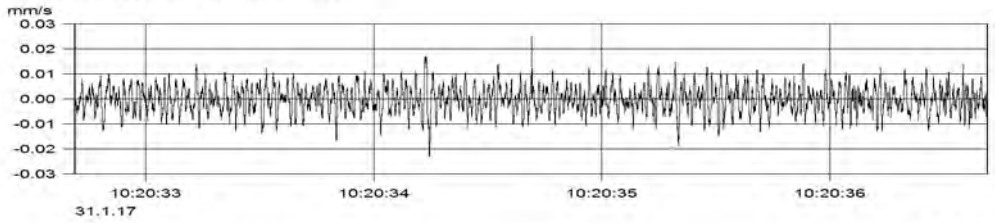


2017-01-31 10-17-53 (6): M8D Ri II

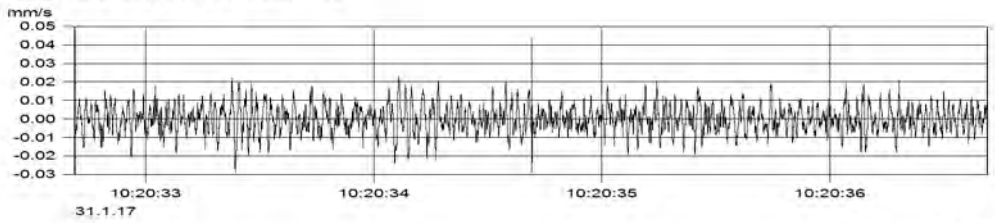


2017-01-31 10-17-53 (6): M8D Ri II

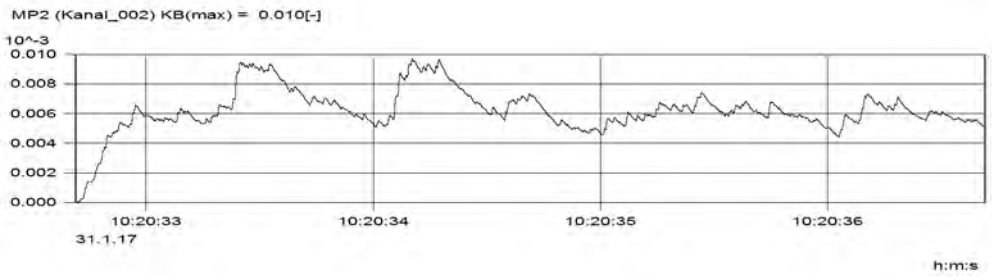
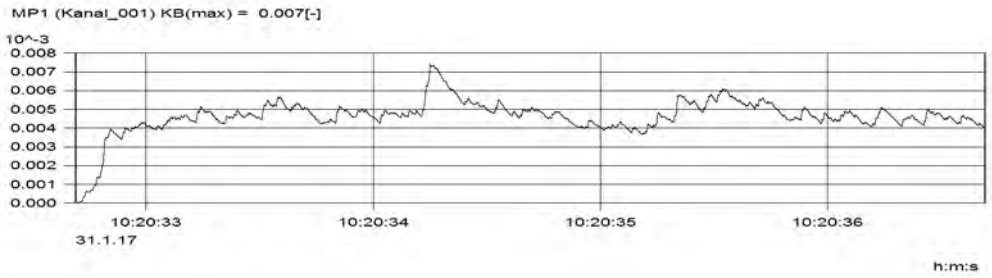
MP1 (Kanal\_001) v(max) = 0.025 mm/s



MP2 (Kanal\_002) v(max) = 0.044 mm/s



2017-01-31 10:17-53 (6): M8D Ri II

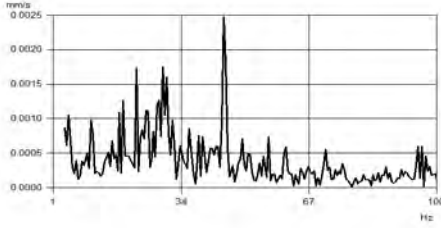


M8D Ri II

2017-01-31 10-17-53 (6)

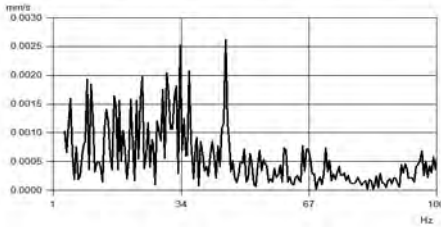
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



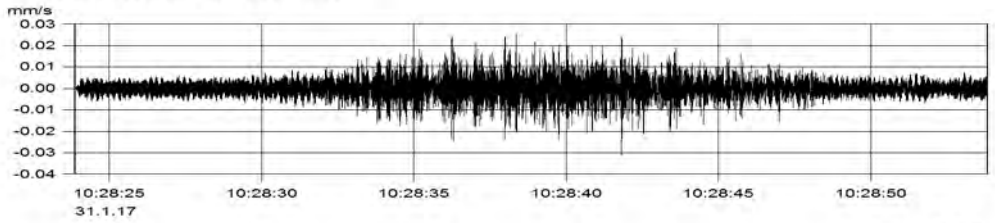
MP2 (Kanal\_002)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



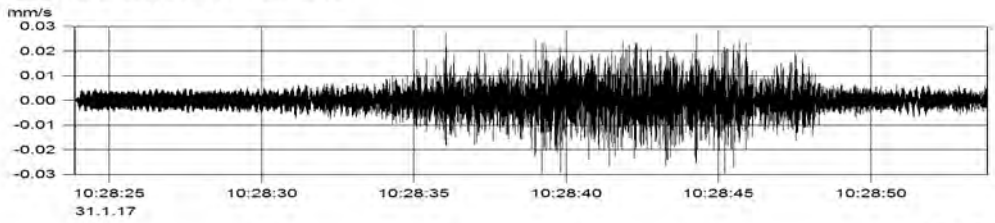
2017-01-31 10:20-50 (7): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.031 mm/s



h:m:s

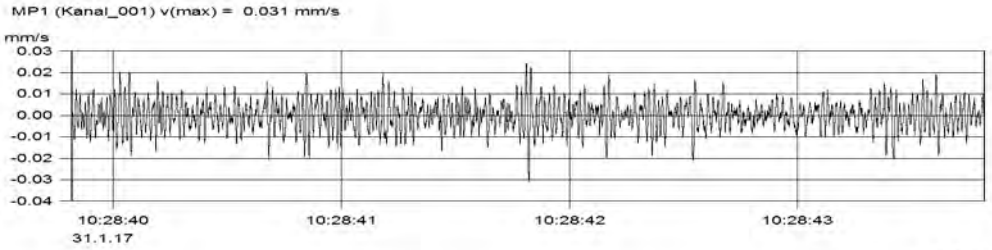
MP2 (Kanal\_002) v(max) = 0.030 mm/s



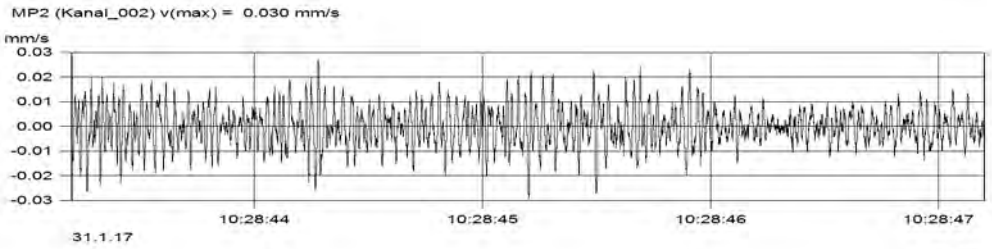
h:m:s



2017-01-31 10:20-50 (7): M8D Ri I



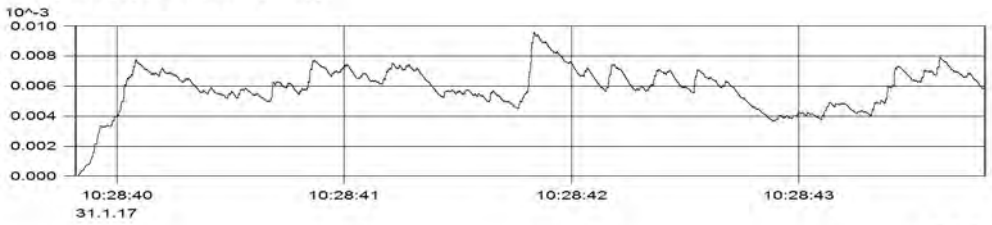
h:m:s



h:m:s

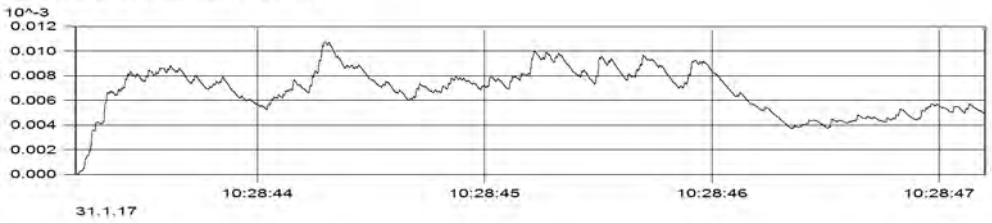
2017-01-31 10:20-50 (7): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.010[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.011[-]



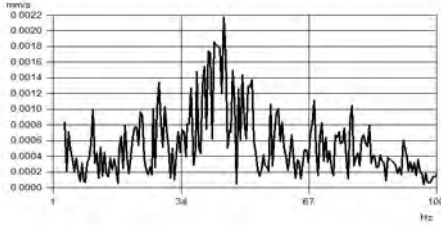
h:m:s

M8D Ri I

2017-01-31 10-20-50 (7)

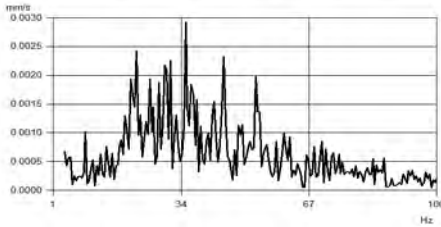
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

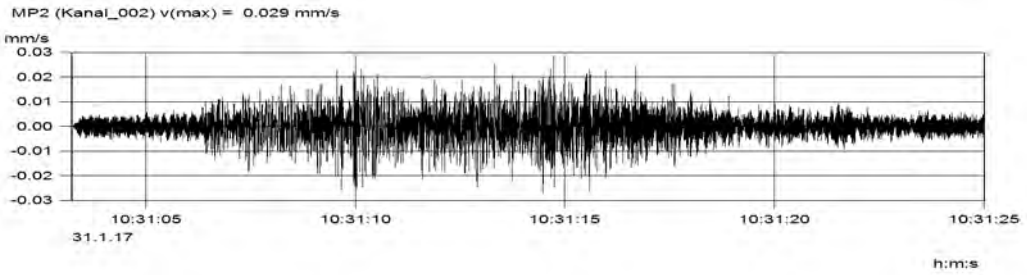
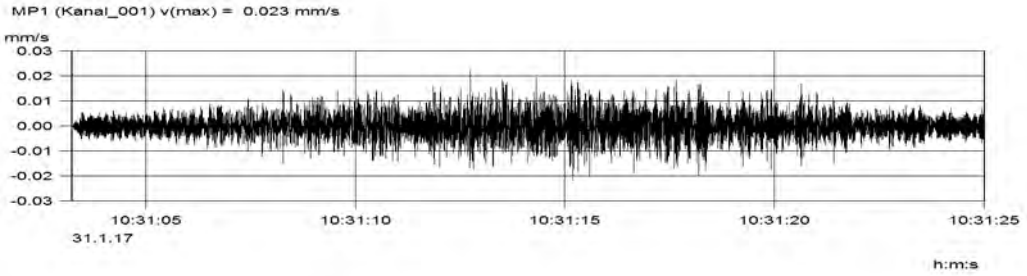


MP2 (Kanal\_002)

$f_e = 35.2 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

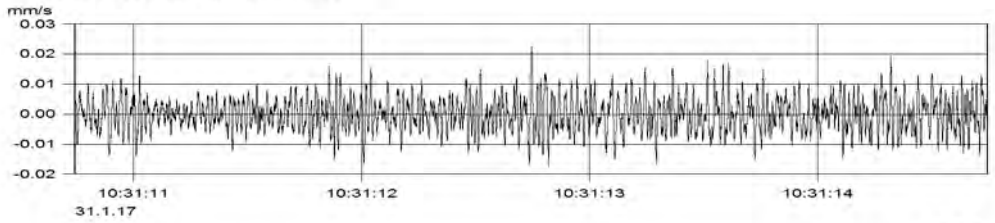


2017-01-31 10-28-55 (8): M8D 3fach Ri II



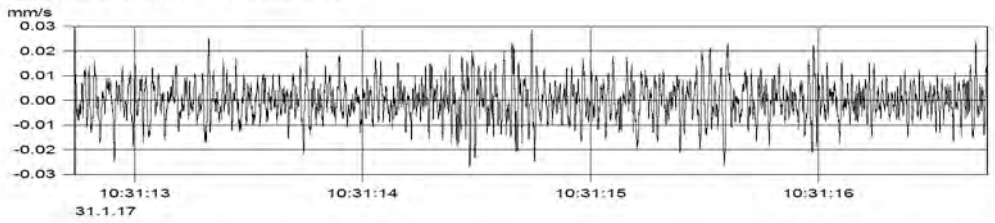
2017-01-31 10-28-55 (8): M8D 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.023 mm/s



h:m:s

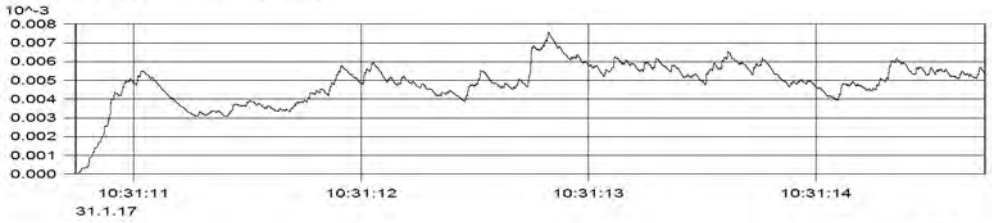
MP2 (Kanal\_002) v(max) = 0.029 mm/s



h:m:s

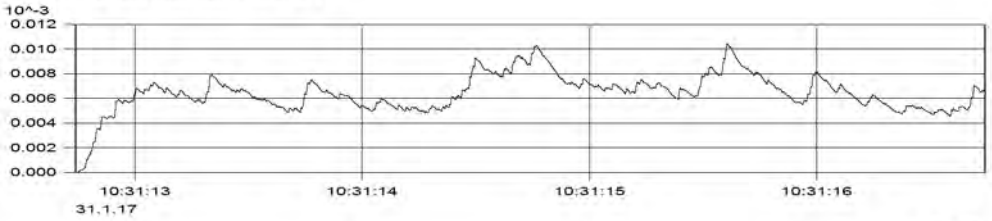
2017-01-31 10-28-55 (8): M8D 3fach Ri II

MP1 (Kanal\_001) KB(max) = 0.008[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.010[-]



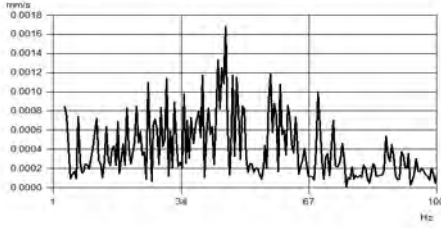
h:m:s

M8D 3fach Ri II

2017-01-31 10-28-55 (8)

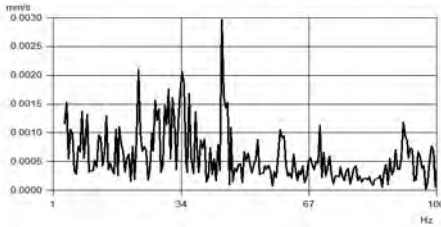
MP1 (Kanal\_001)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



MP2 (Kanal\_002)

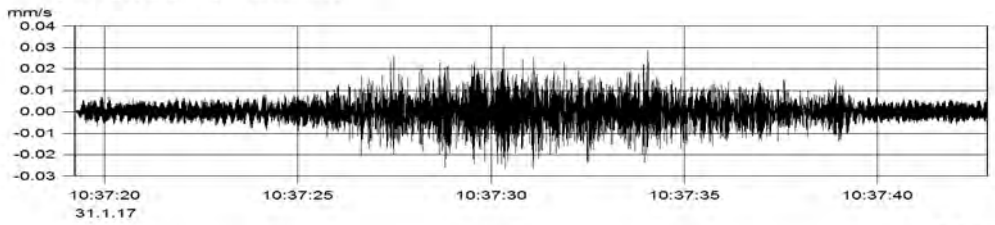
$f_e = 44.4 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$





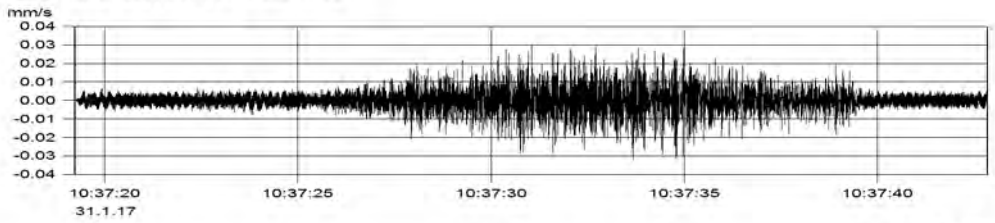
2017-01-31 10:31-28 (9): M8D 3fach Ri I

MP1 (Kanal\_001) v(max) = 0.030 mm/s



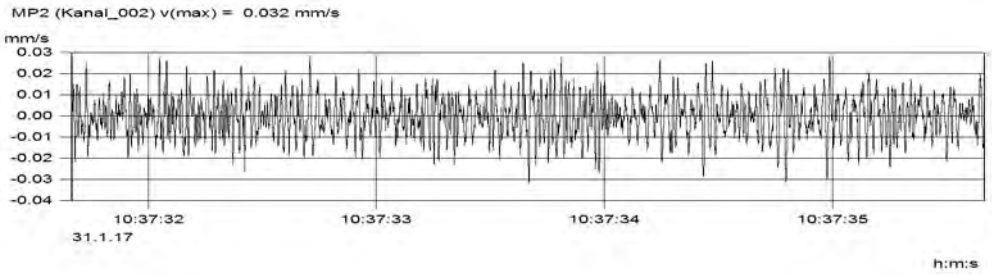
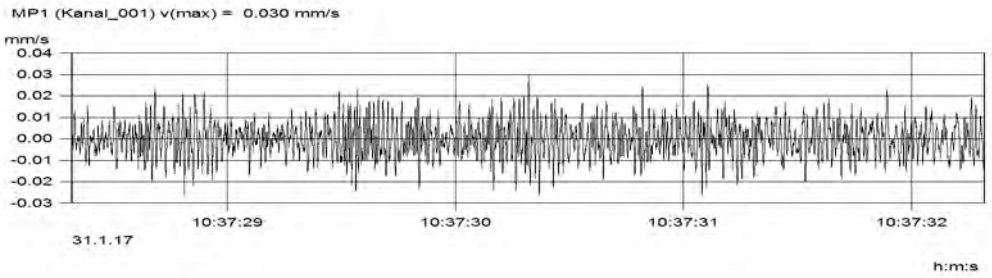
h:m:s

MP2 (Kanal\_002) v(max) = 0.032 mm/s



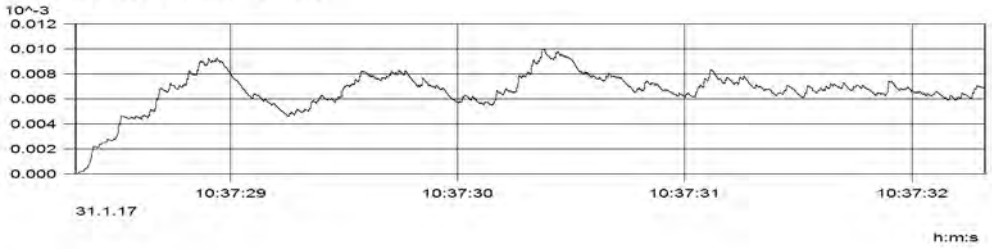
h:m:s

2017-01-31 10:31-28 (9): M8D 3fach Ri I

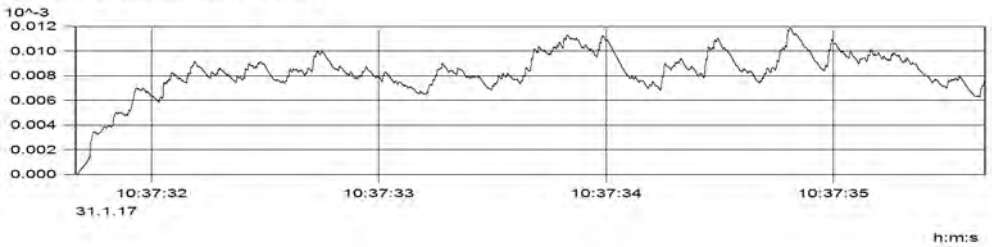


2017-01-31 10:31-28 (9): M8D 3fach Ri I

MP1 (Kanal\_001) KB(max) = 0.010[-]



MP2 (Kanal\_002) KB(max) = 0.012[-]

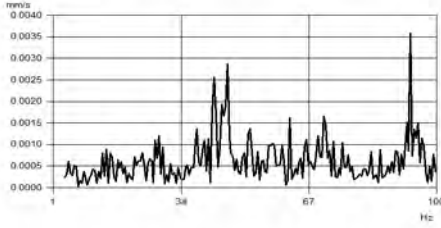


M8D 3fach Ri I

2017-01-31 10-31-28 (9)

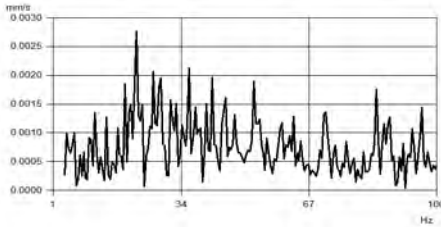
MP1 (Kanal\_001)

$f_e = 93.3 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



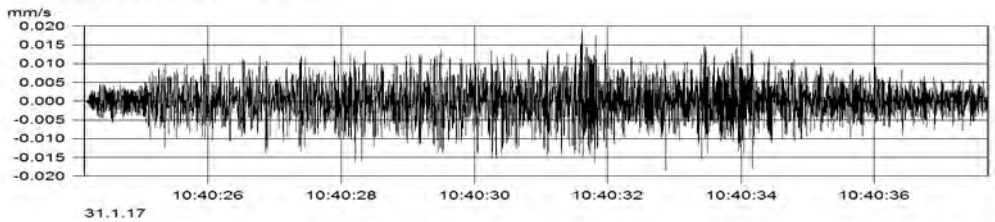
MP2 (Kanal\_002)

$f_e = 22.5 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



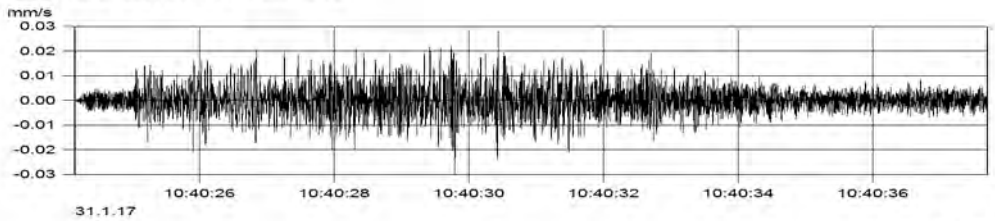
2017-01-31 10:37-46 (10): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.019 mm/s



h:m:s

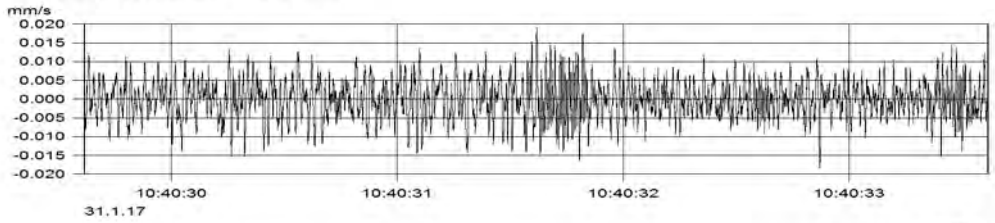
MP2 (Kanal\_002) v(max) = 0.030 mm/s



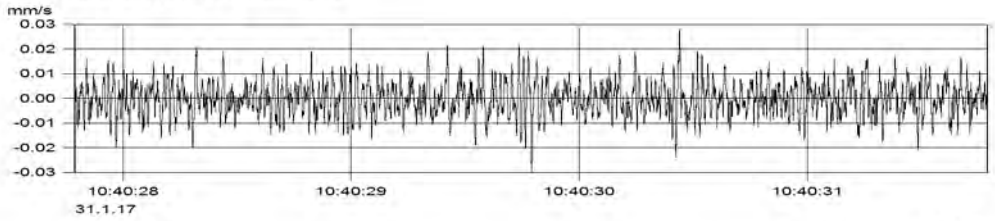
h:m:s

2017-01-31 10:37-46 (10): M8D Ri II

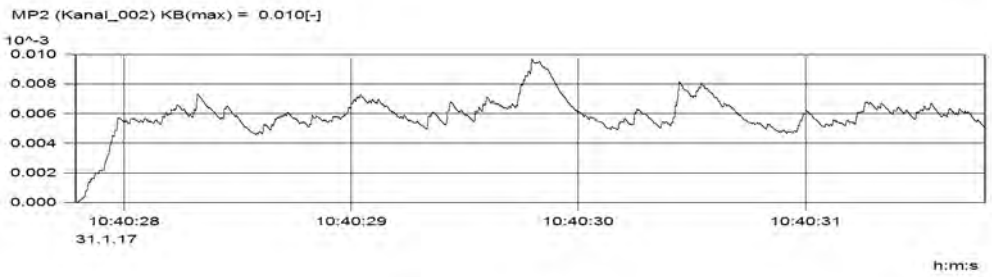
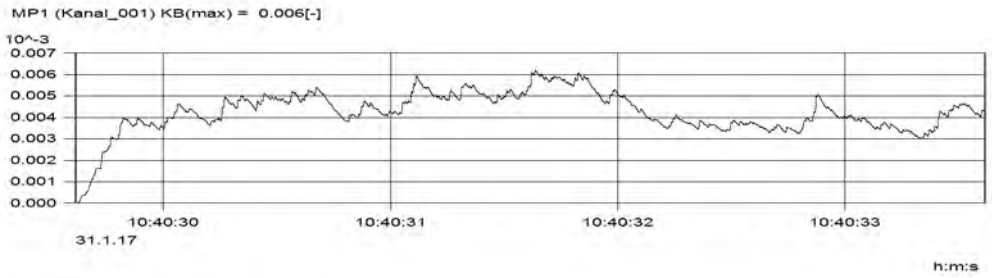
MP1 (Kanal\_001) v(max) = 0.019 mm/s



MP2 (Kanal\_002) v(max) = 0.030 mm/s



2017-01-31 10:37-46 (10): M8D Ri II



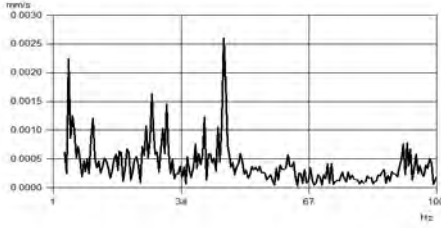


M8D Ri II

2017-01-31 10-37-46 (10)

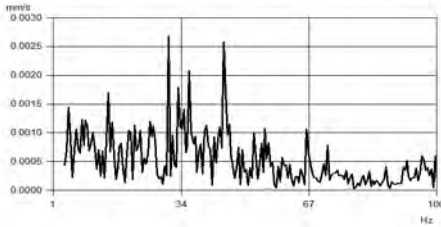
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

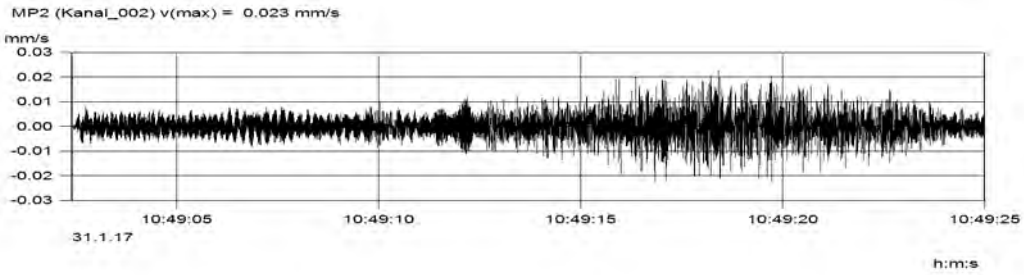
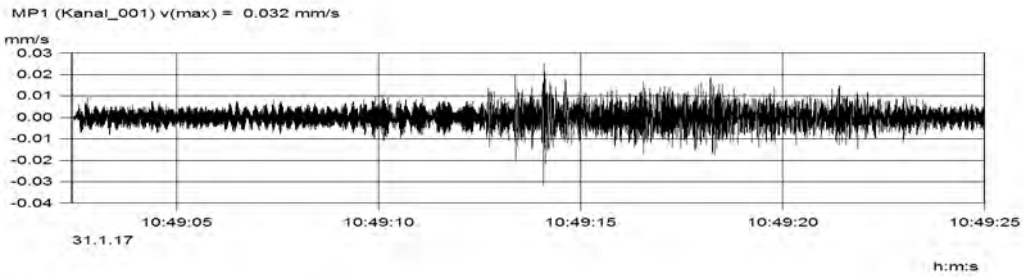


MP2 (Kanal\_002)

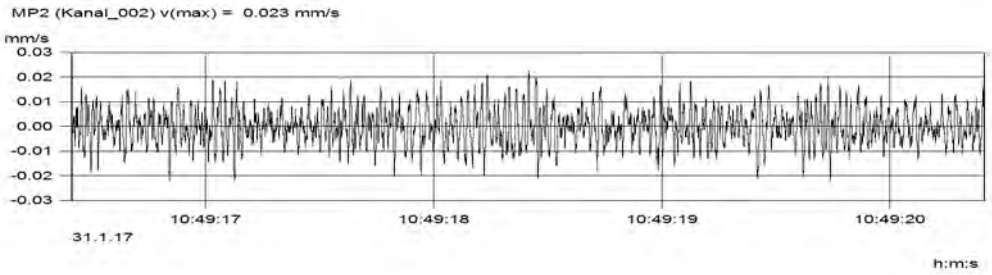
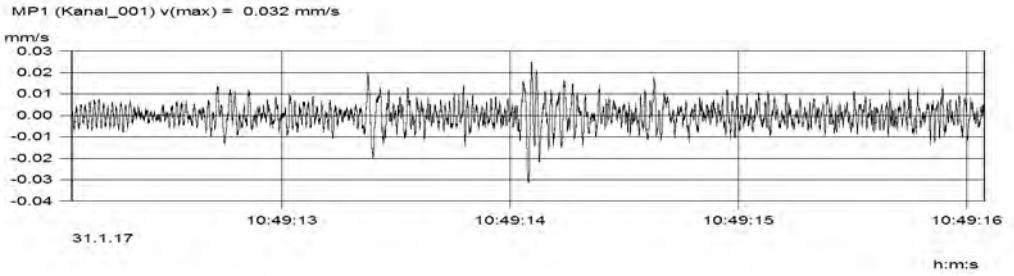
$f_e = 30.8 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



2017-01-31 10-40-45 (11): M8D Ri I

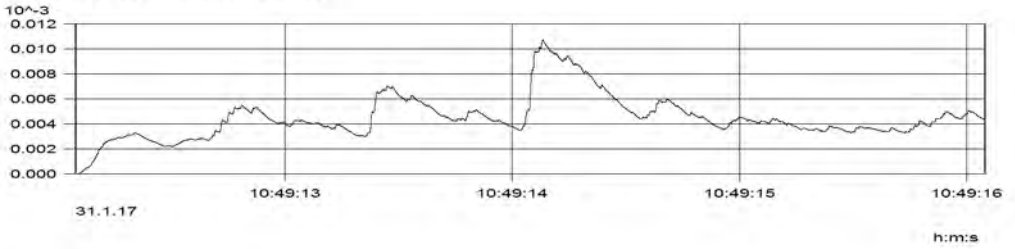


2017-01-31 10:40-45 (11): M8D Ri I

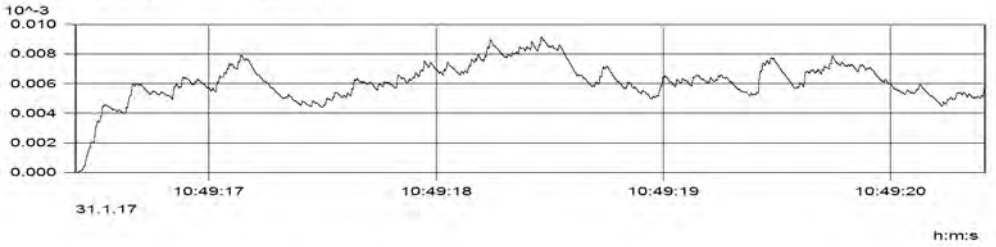


2017-01-31 10:40-45 (11): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.011[-]



MP2 (Kanal\_002) KB(max) = 0.009[-]

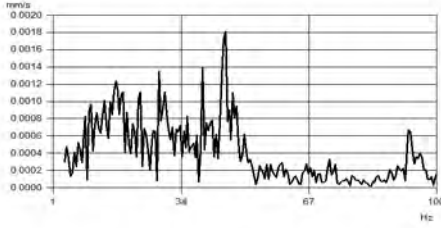


M8D Ri I

2017-01-31 10-40-45 (11)

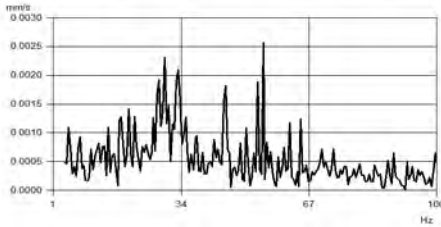
MP1 (Kanal\_001)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



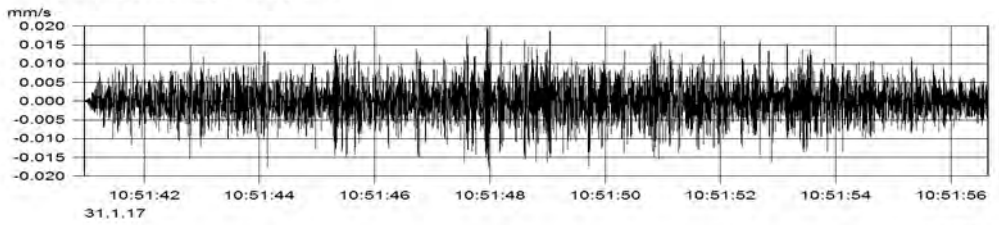
MP2 (Kanal\_002)

$f_e = 55.2 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



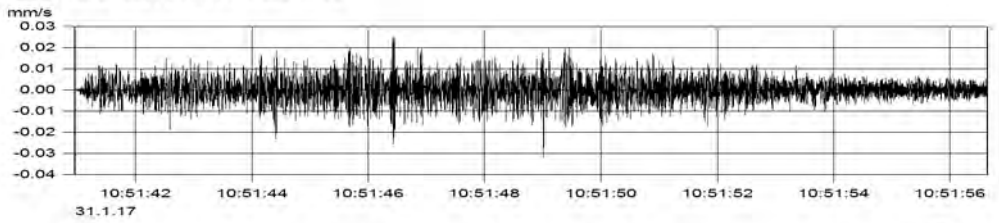
2017-01-31 10:49:29 (12): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.020 mm/s



h:m:s

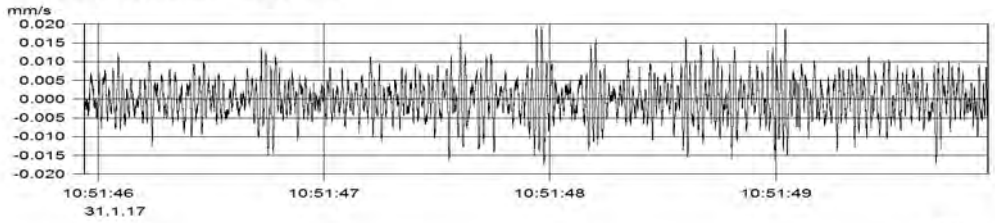
MP2 (Kanal\_002) v(max) = 0.032 mm/s



h:m:s

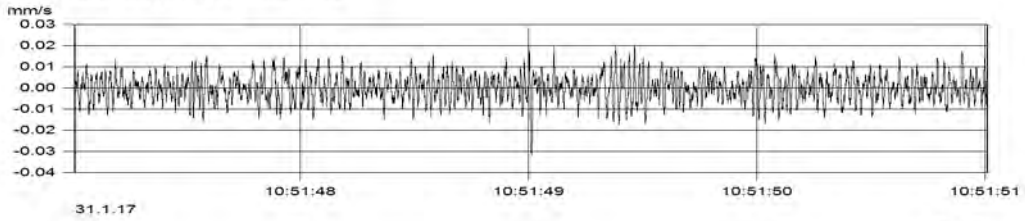
2017-01-31 10:49-29 (12): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.020 mm/s



h:m:s

MP2 (Kanal\_002) v(max) = 0.032 mm/s

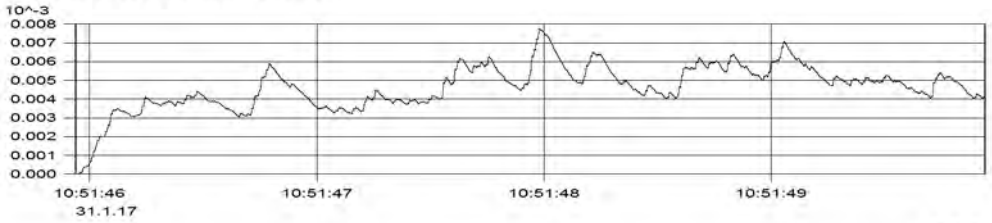


h:m:s



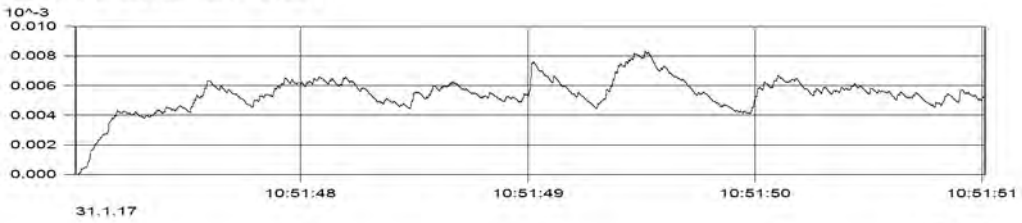
2017-01-31 10:49-29 (12): M8D Ri II

MP1 (Kanal\_001) KB(max) = 0.008[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.008[-]



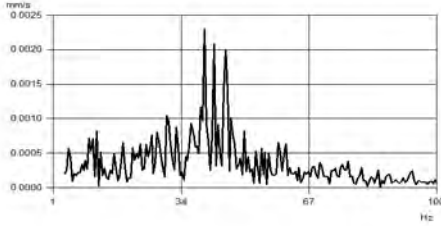
h:m:s

M8D Ri II

2017-01-31 10-49-29 (12)

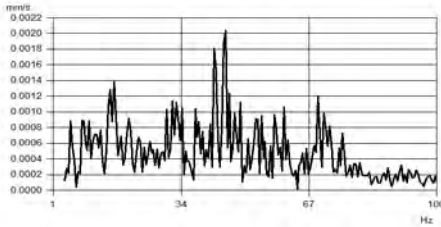
MP1 (Kanal\_001)

$f_e = 40.0 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



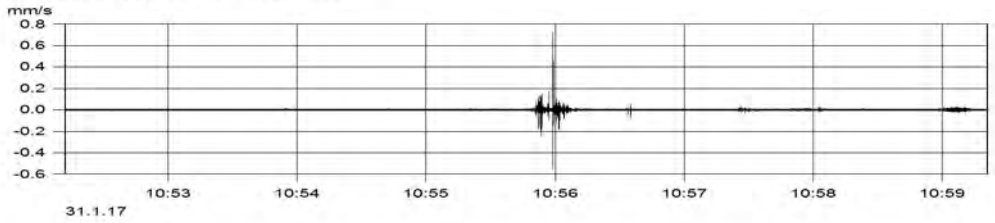
MP2 (Kanal\_002)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



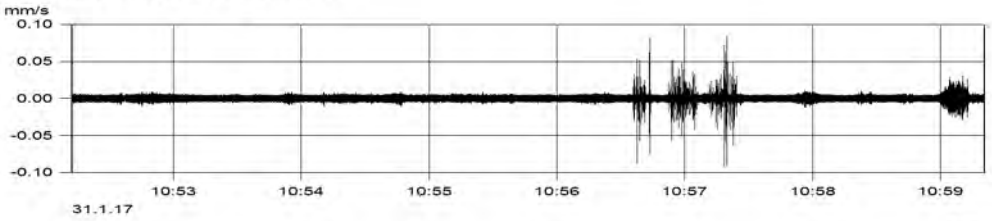
2017-01-31 10:52-11 (13): M8D 3fach Ri I

MP1 (Kanal\_001) v(max) = 0.728 mm/s



h:m

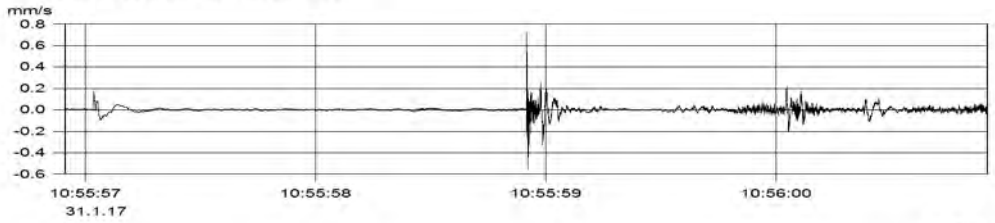
MP2 (Kanal\_002) v(max) = 0.093 mm/s



h:m

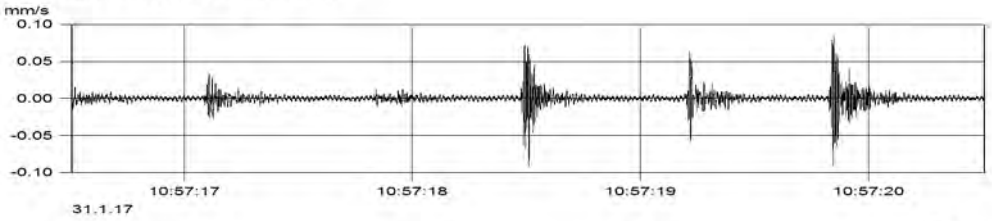
2017-01-31 10:52-11 (13): M8D 3fach Ri I

MP1 (Kanal\_001) v(max) = 0.728 mm/s



h:m:s

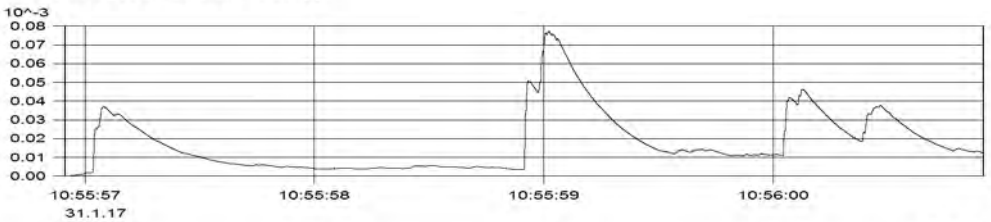
MP2 (Kanal\_002) v(max) = 0.093 mm/s



h:m:s

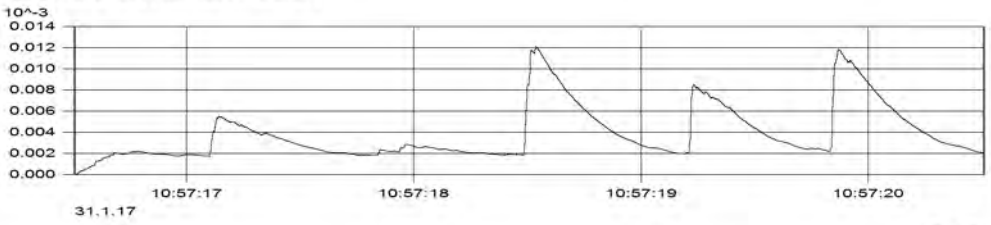
2017-01-31 10:52-11 (13): M8D 3fach Ri I

MP1 (Kanal\_001) KB(max) = 0.077[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.012[-]



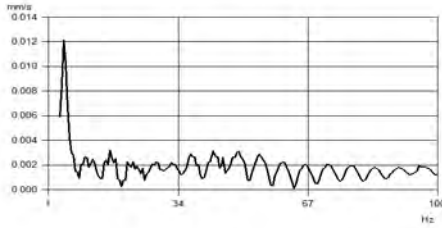
h:m:s

M8D 3fach Ri I

2017-01-31 10-52-11 (13)

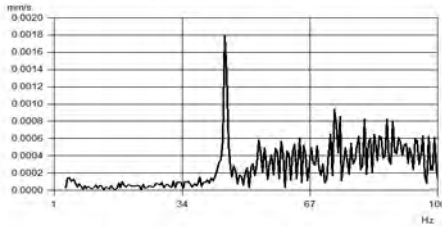
MP1 (Kanal\_001)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



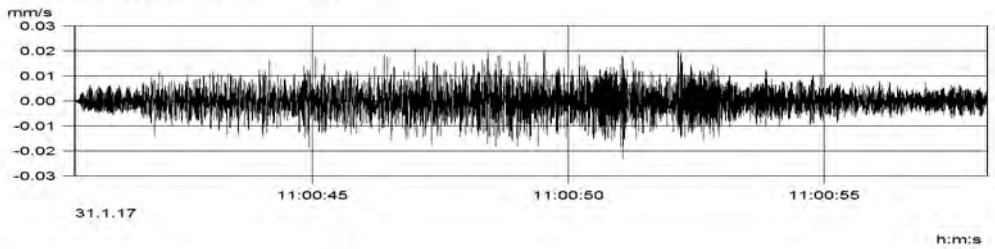
MP2 (Kanal\_002)

$f_e = 133.8 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

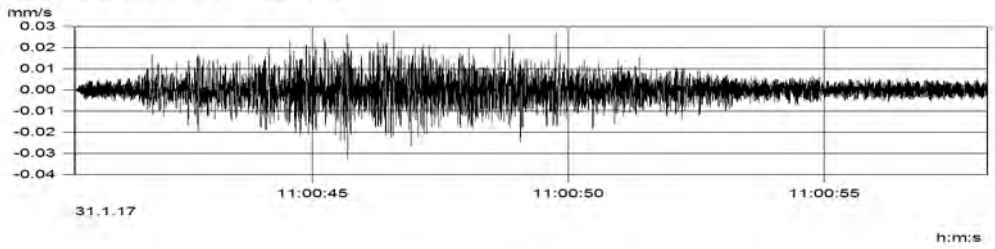


2017-01-31 10-59-22 (14): M8D 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.023 mm/s

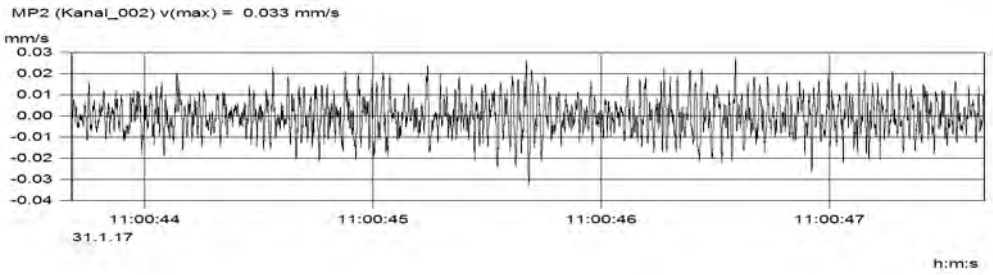
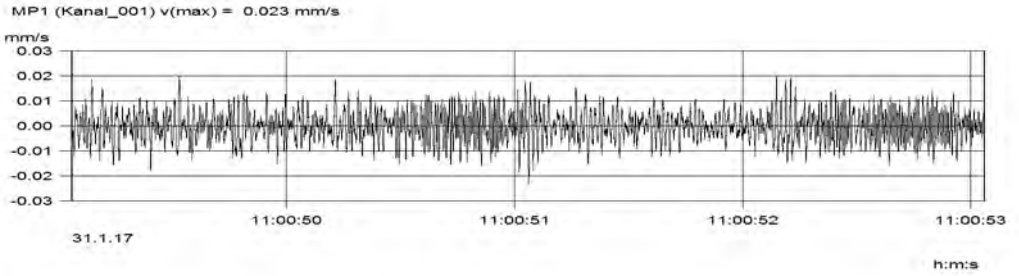


MP2 (Kanal\_002) v(max) = 0.033 mm/s



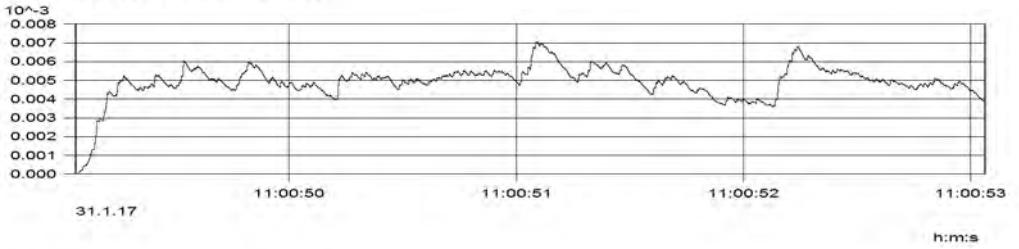


2017-01-31 10-59-22 (14): M8D 3fach Ri II

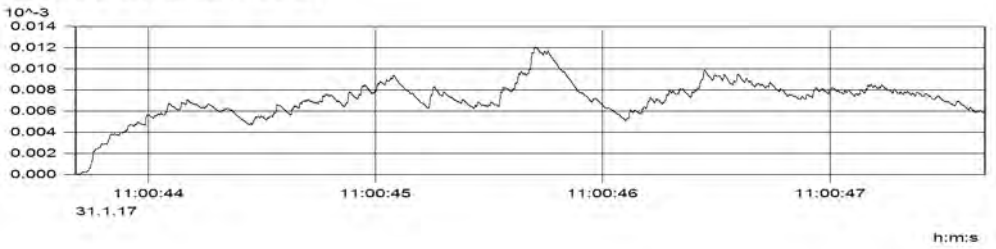


2017-01-31 10-59-22 (14): M8D 3fach Ri II

MP1 (Kanal\_001) KB(max) = 0.007[-]



MP2 (Kanal\_002) KB(max) = 0.012[-]

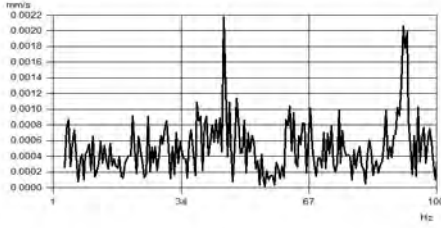


M8D 3fach Ri II

2017-01-31 10-59-22 (14)

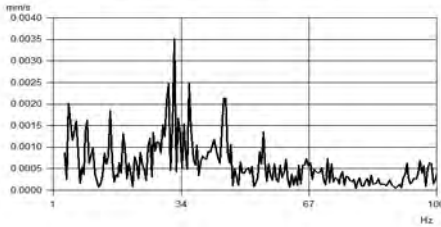
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



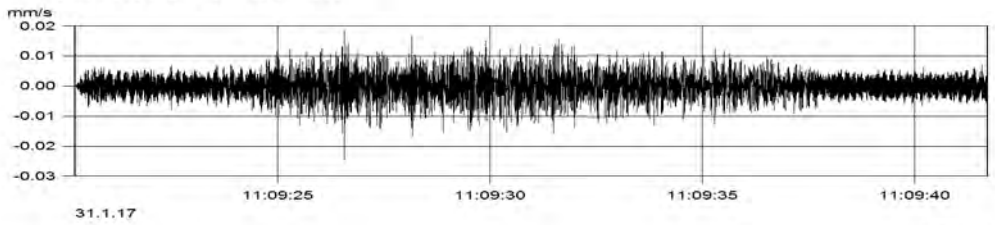
MP2 (Kanal\_002)

$f_e = 32.2 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



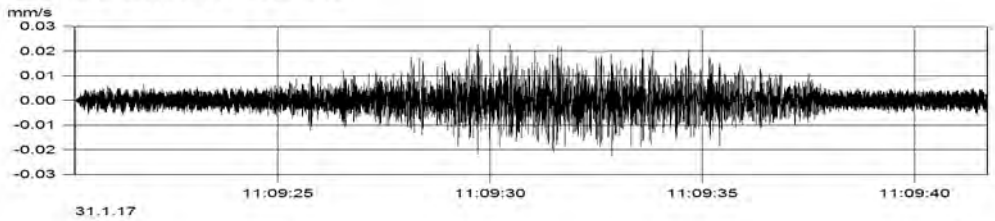
2017-01-31 11-01-11 (15): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.025 mm/s



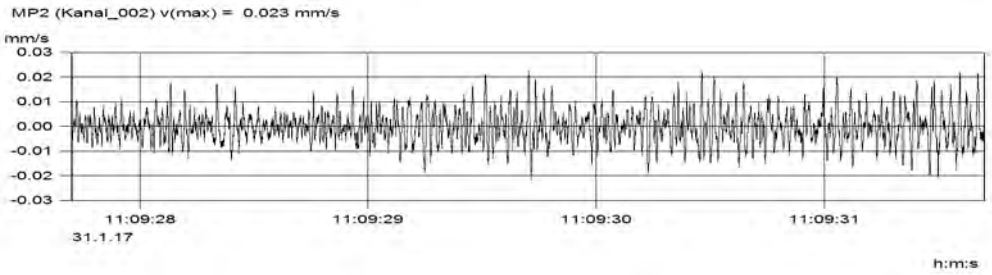
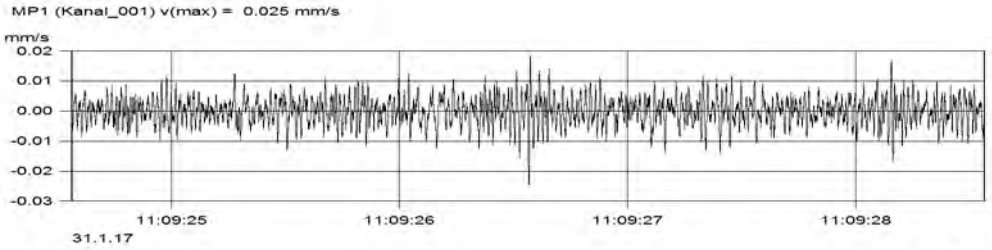
h:m:s

MP2 (Kanal\_002) v(max) = 0.023 mm/s



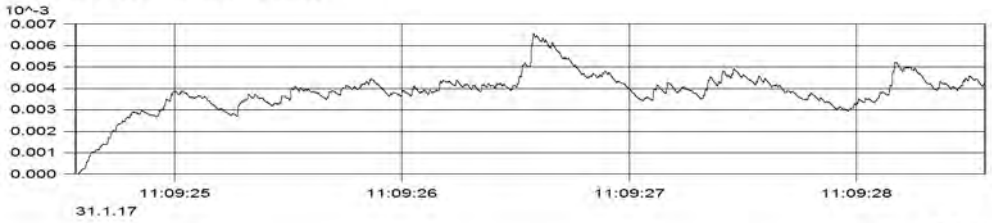
h:m:s

2017-01-31 11-01-11 (15): M8D Ri I



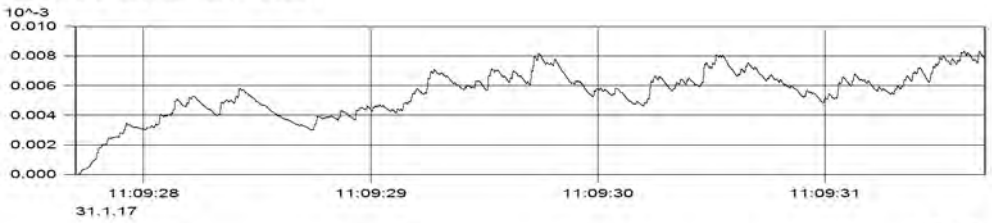
2017-01-31 11-01-11 (15): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.007[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.008[-]



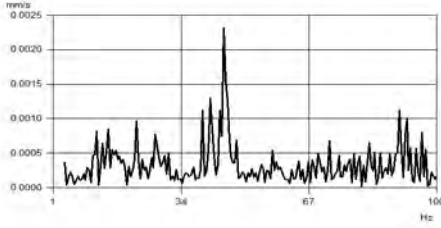
h:m:s

M8D Ri I

2017-01-31 11-01-11 (15)

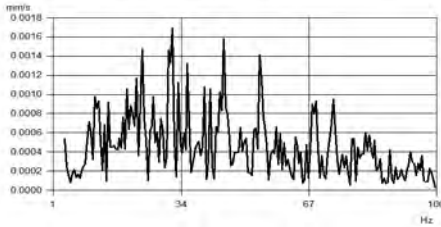
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



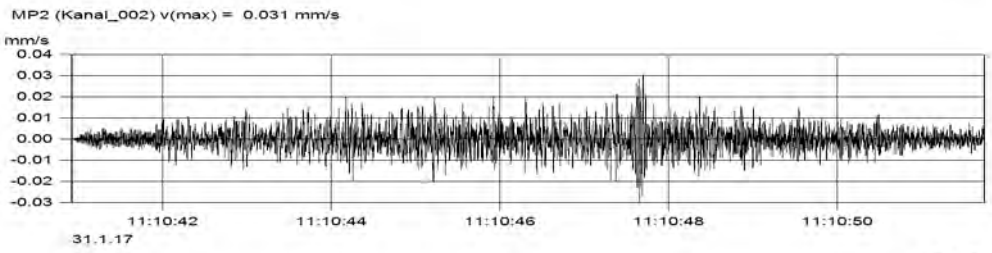
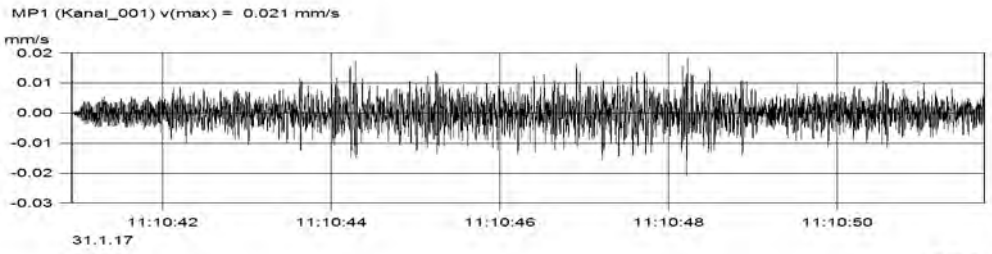
MP2 (Kanal\_002)

$f_e = 31.7 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

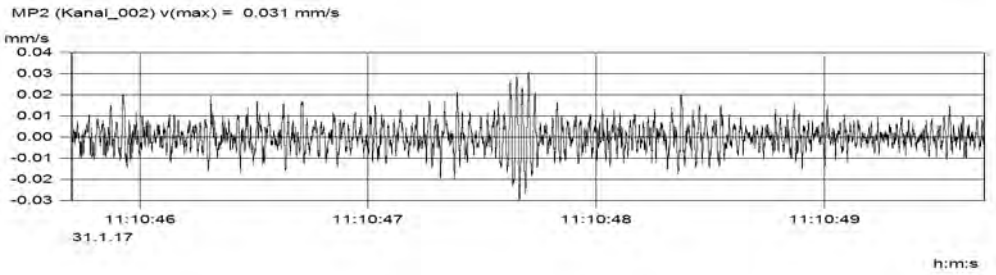
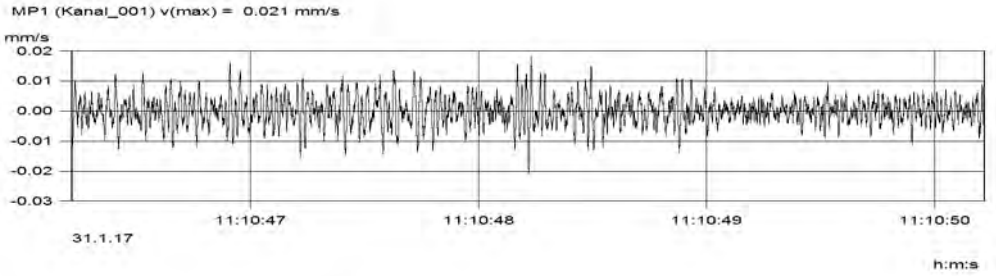




2017-01-31 11-09-43 (16): M8D Ri II

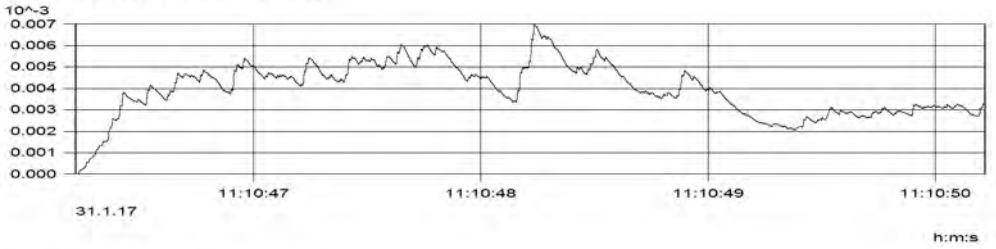


2017-01-31 11-09-43 (16): M8D Ri II

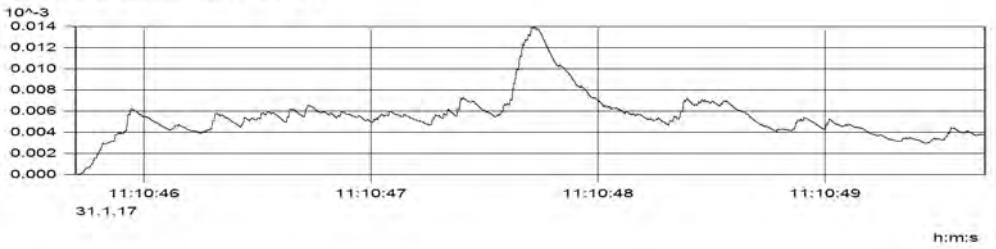


2017-01-31 11-09-43 (16): M8D Ri II

MP1 (Kanal\_001) KB(max) = 0.007[-]



MP2 (Kanal\_002) KB(max) = 0.014[-]

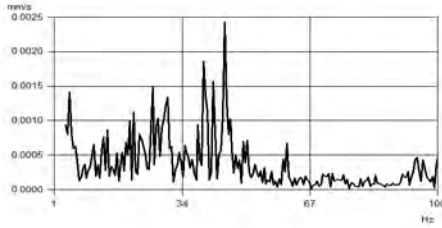


M8D Ri II

2017-01-31 11-09-43 (16)

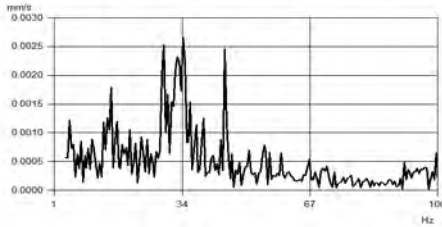
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

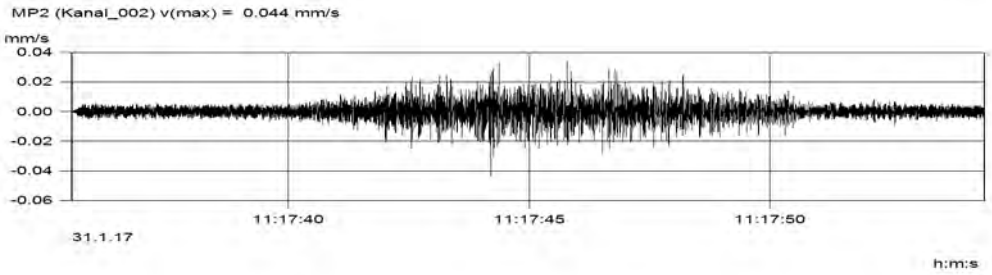
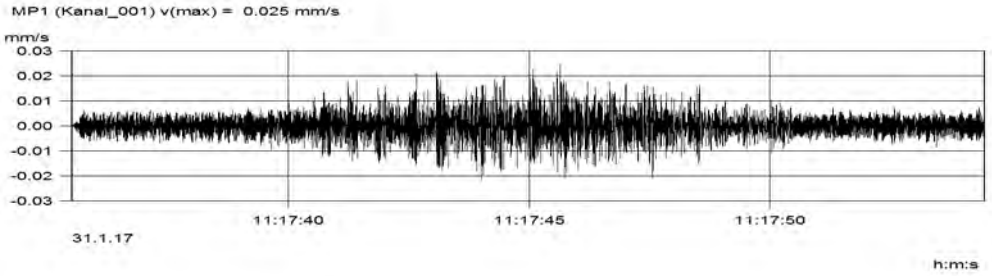


MP2 (Kanal\_002)

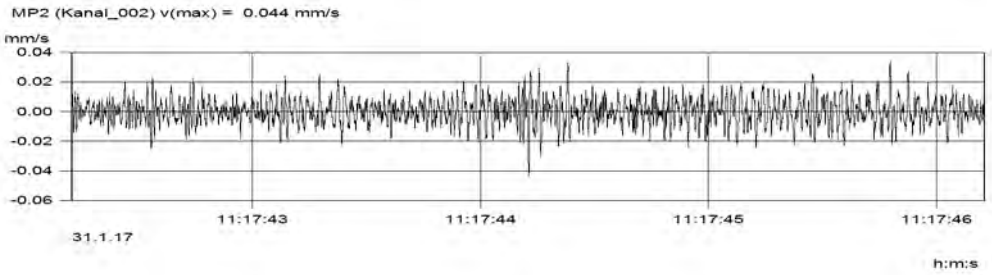
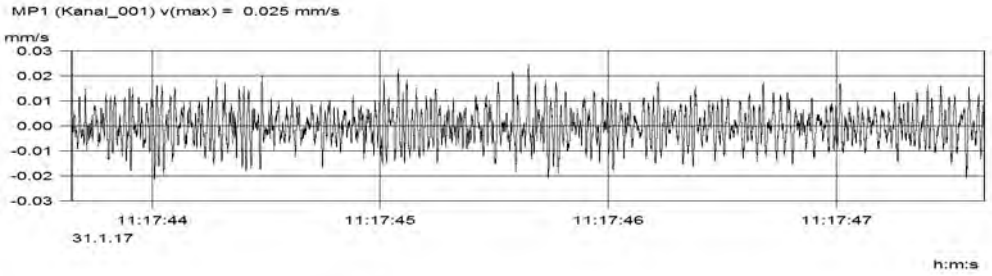
$f_e = 34.2 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



2017-01-31 11-11-05 (17): M8D Ri I

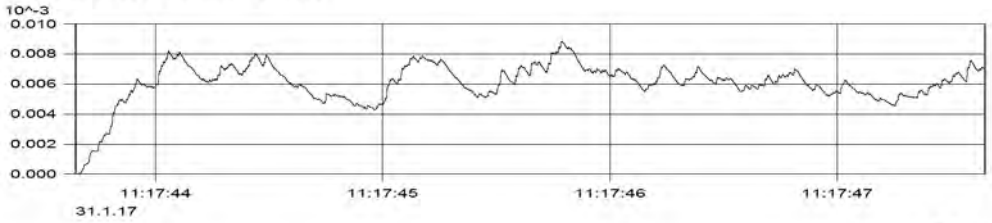


2017-01-31 11-11-05 (17): M8D Ri I



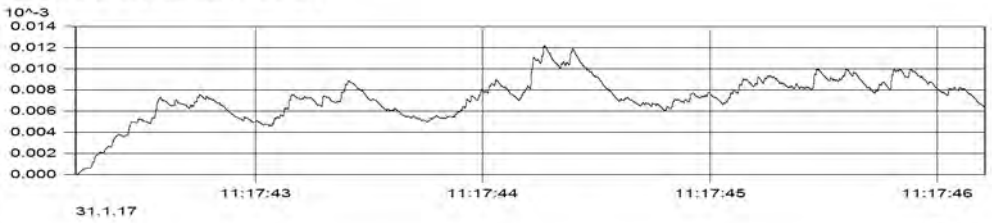
2017-01-31 11-11-05 (17): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.009[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.012[-]



h:m:s

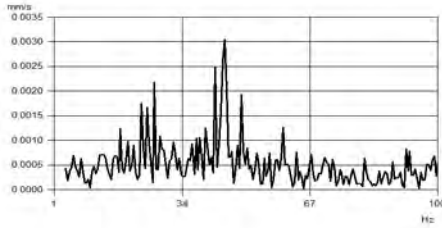


M8D Ri I

2017-01-31 11-11-05 (17)

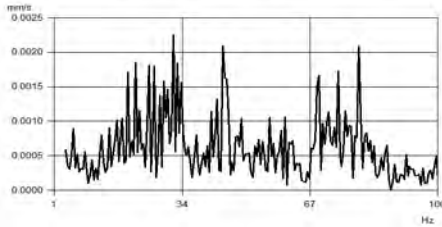
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

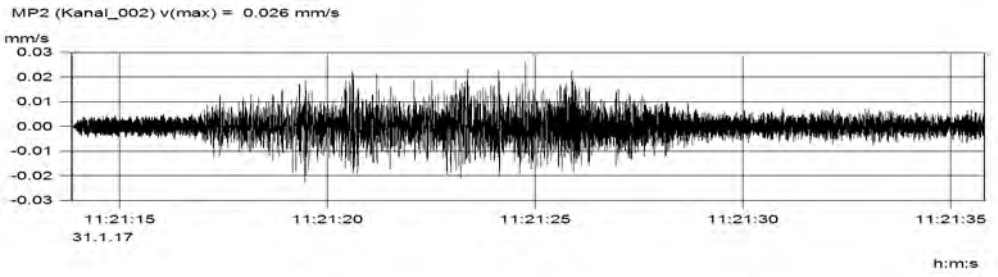
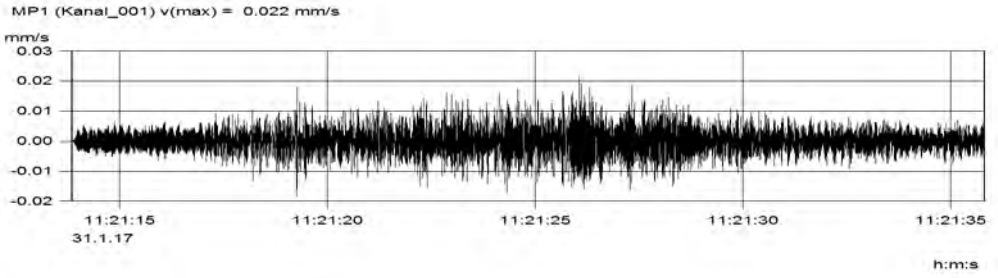


MP2 (Kanal\_002)

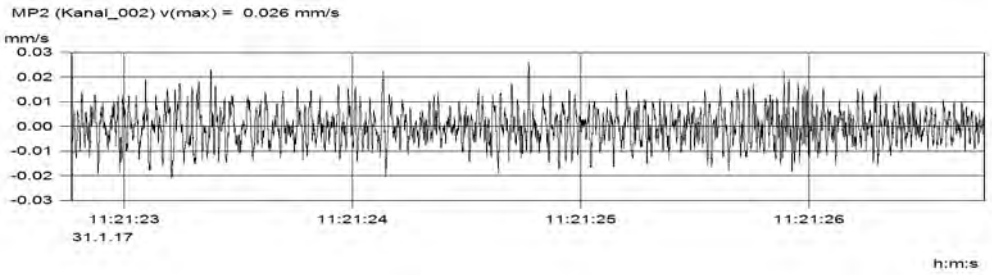
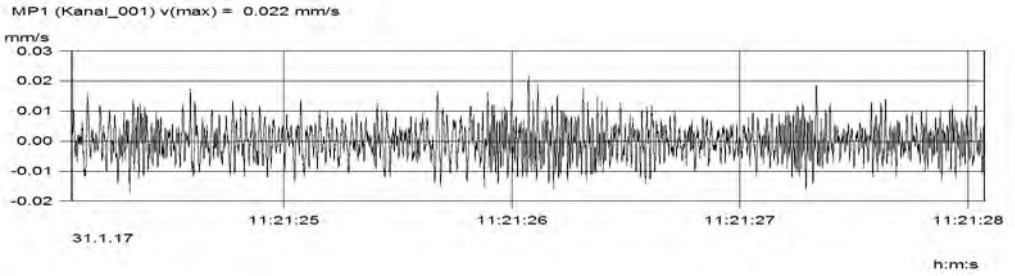
$f_e = 31.7 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



2017-01-31 11-17-57 (18): M8D 3fach Ri II

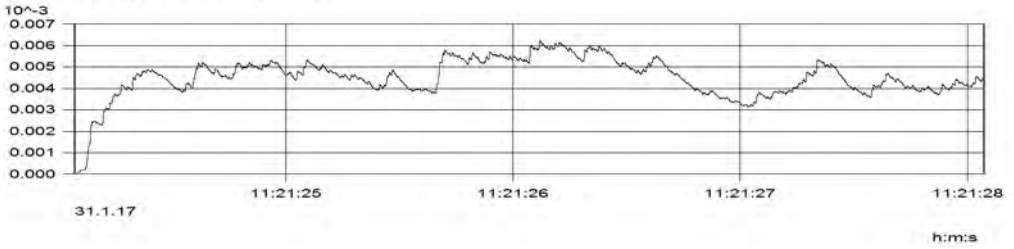


2017-01-31 11-17-57 (18): M8D 3fach Ri II

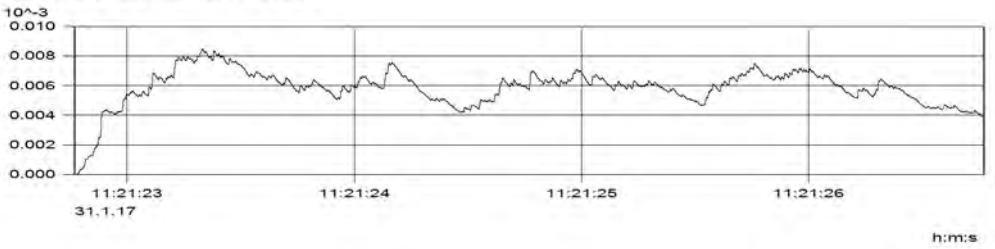


2017-01-31 11-17-57 (18): M8D 3fach Ri II

MP1 (Kanal\_001) KB(max) = 0.006[-]



MP2 (Kanal\_002) KB(max) = 0.008[-]

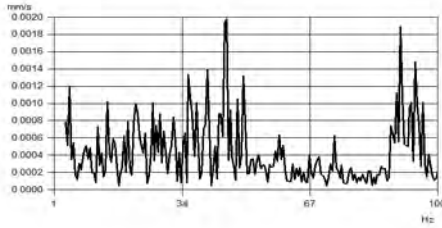


M8D 3fach Ri II

2017-01-31 11-17-57 (18)

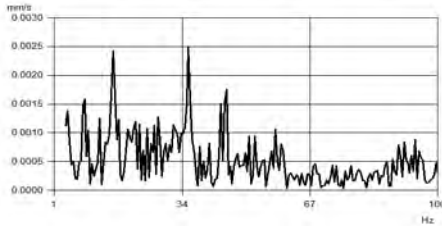
MP1 (Kanal\_001)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

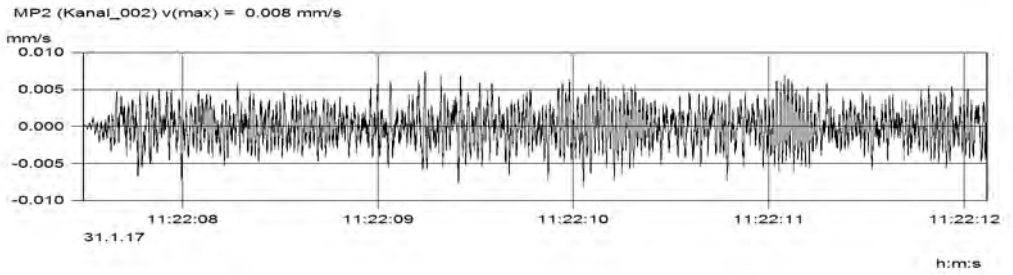
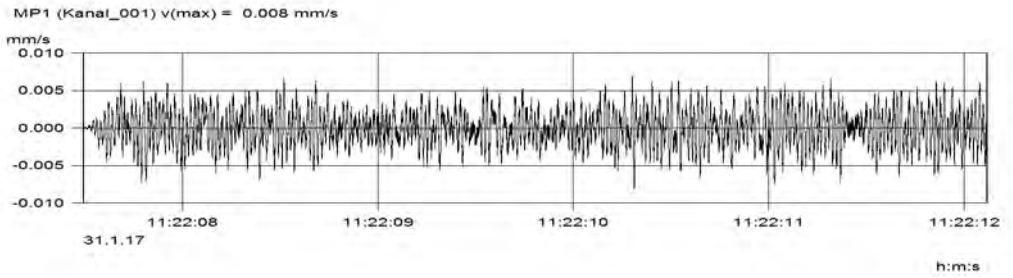


MP2 (Kanal\_002)

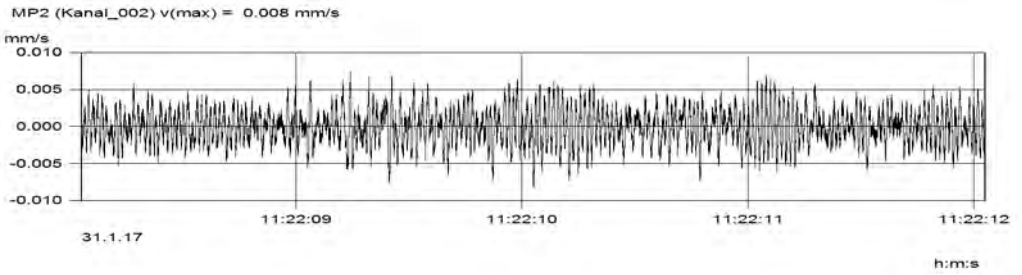
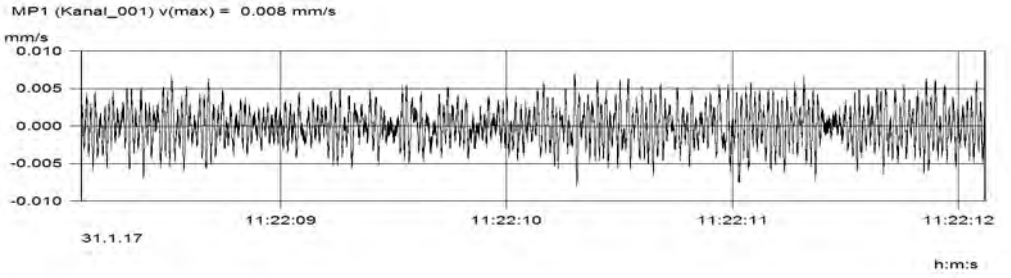
$f_e = 35.6 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



2017-01-31 11:21-42 (19): GruPe

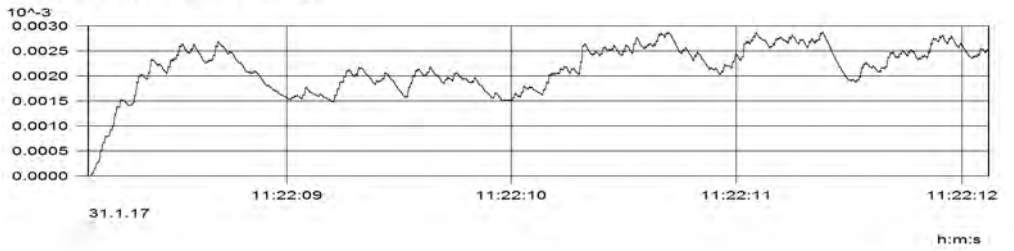


2017-01-31 11-21-42 (19): GruPe

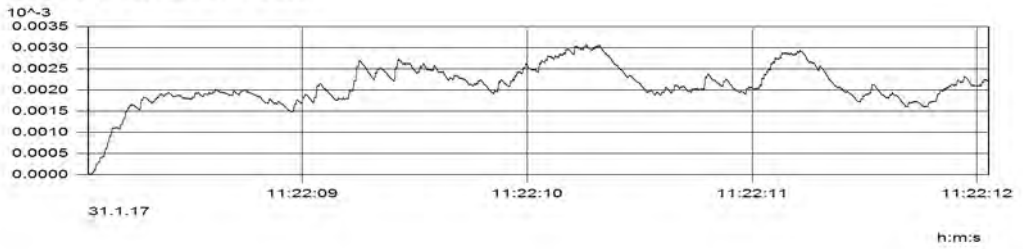


2017-01-31 11-21-42 (19): GruPe

MP1 (Kanal\_001) KB(max) = 0.003[-]



MP2 (Kanal\_002) KB(max) = 0.003[-]



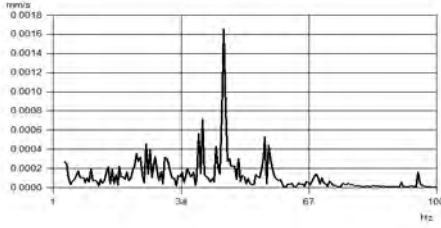


GruPe

2017-01-31 11-21-42 (19)

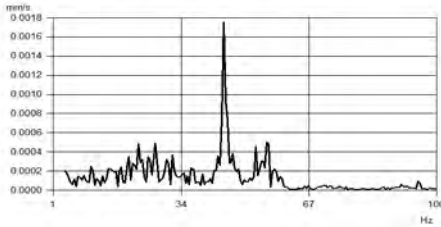
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



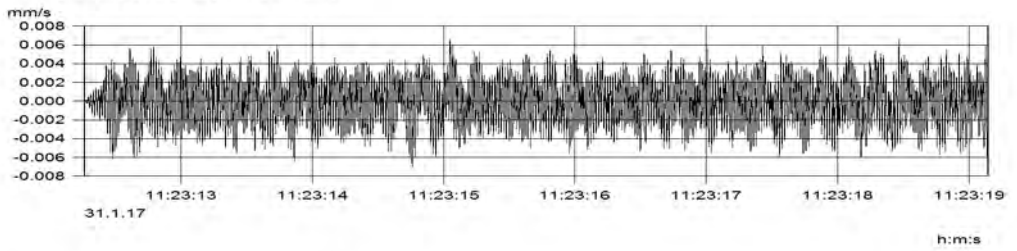
MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

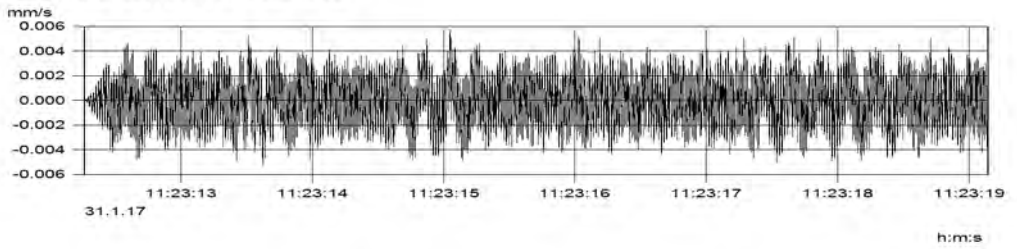


2017-01-31 11-22-36 (20): GruPe

MP1 (Kanal\_001) v(max) = 0.007 mm/s

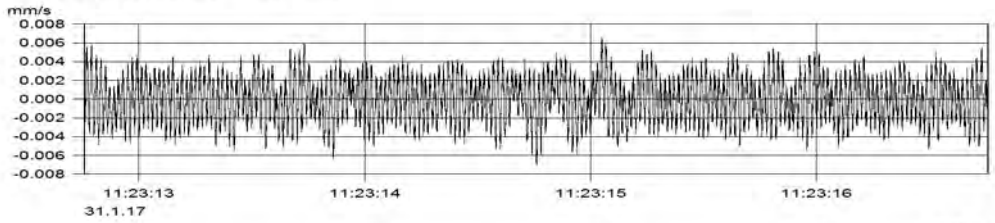


MP2 (Kanal\_002) v(max) = 0.006 mm/s

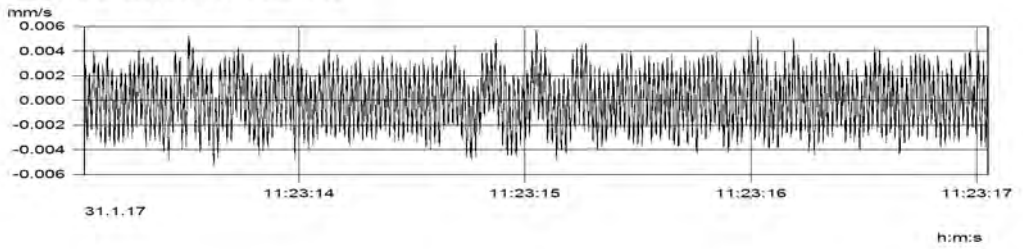


2017-01-31 11-22-36 (20): GruPe

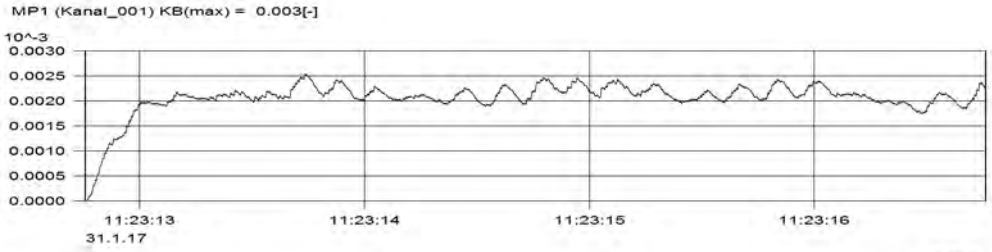
MP1 (Kanal\_001) v(max) = 0.007 mm/s



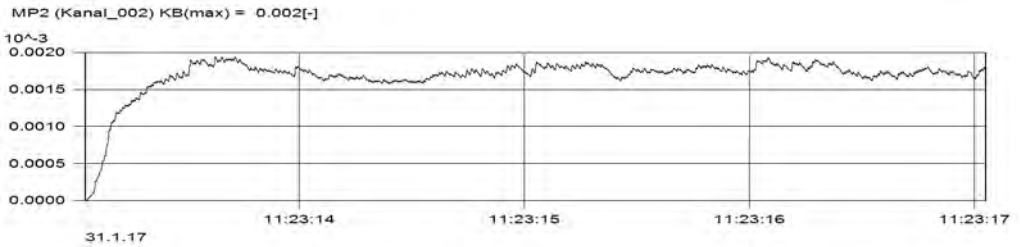
MP2 (Kanal\_002) v(max) = 0.006 mm/s



2017-01-31 11:22-36 (20): GruPe



h:m:s



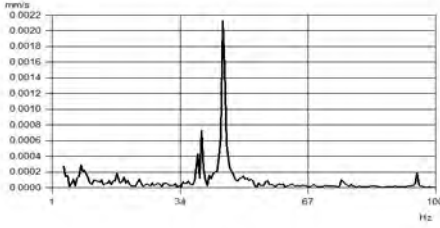
h:m:s

GruPe

2017-01-31 11-22-36 (20)

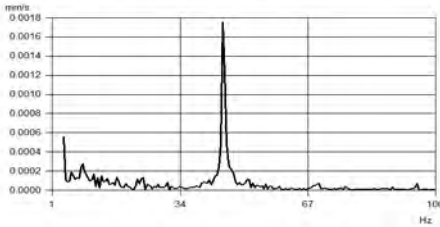
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

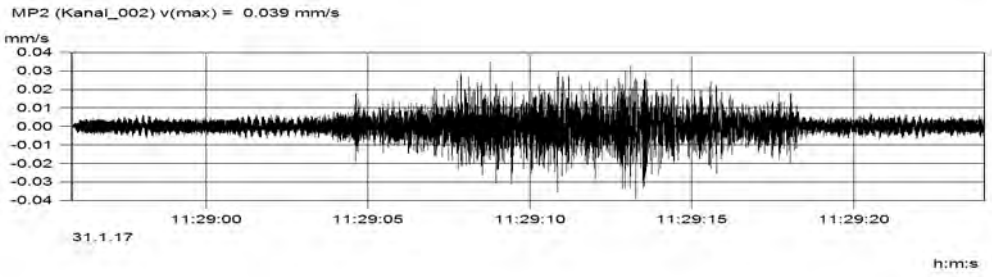
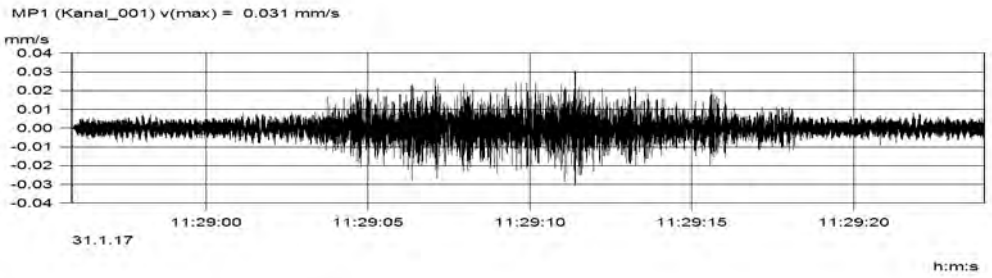


MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

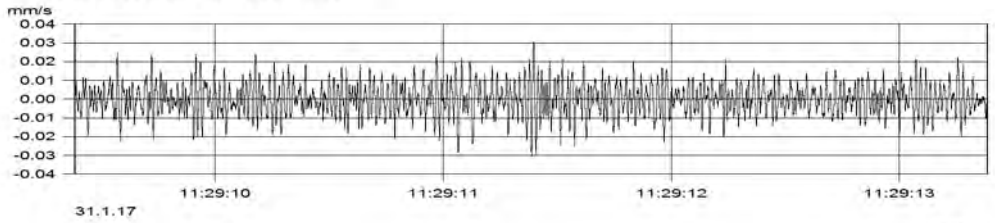


2017-01-31 11-23-52 (21): M8D Ri I



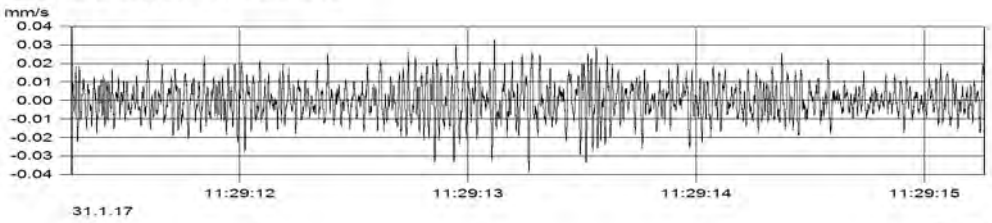
2017-01-31 11-23-52 (21): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.031 mm/s



h:m:s

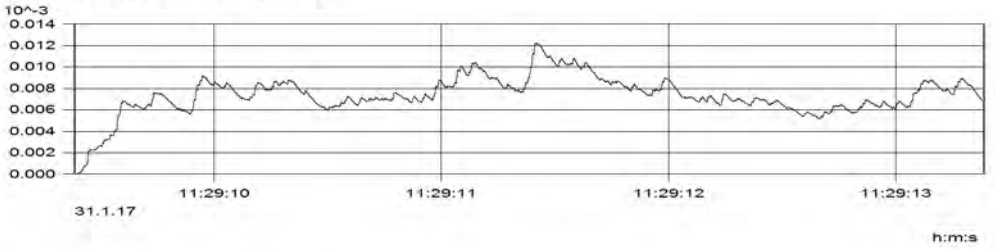
MP2 (Kanal\_002) v(max) = 0.039 mm/s



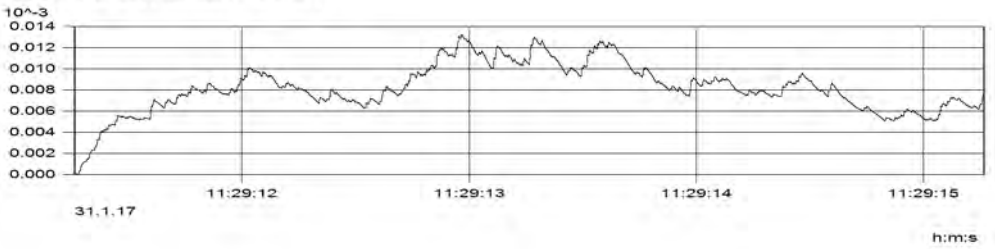
h:m:s

2017-01-31 11-23-52 (21): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.012[-]



MP2 (Kanal\_002) KB(max) = 0.013[-]



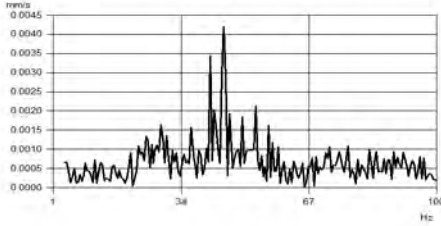


M8D Ri I

2017-01-31 11-23-52 (21)

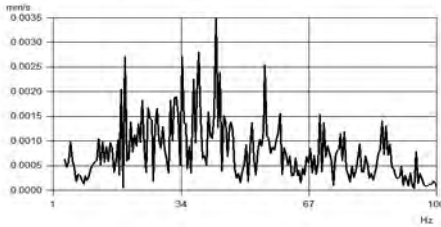
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$

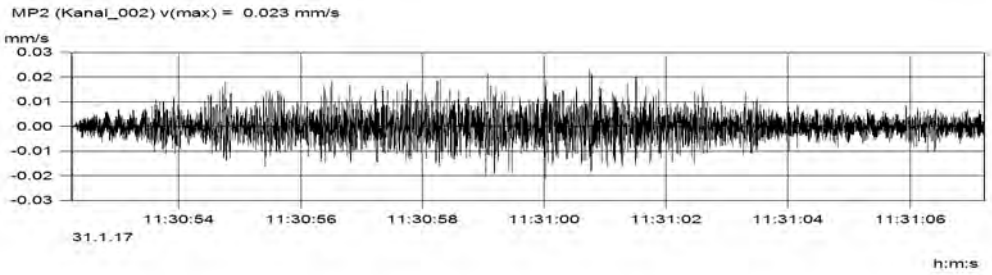
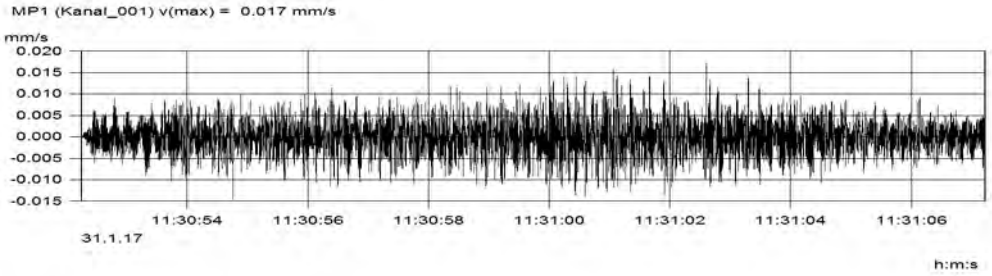


MP2 (Kanal\_002)

$f_e = 43.0 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

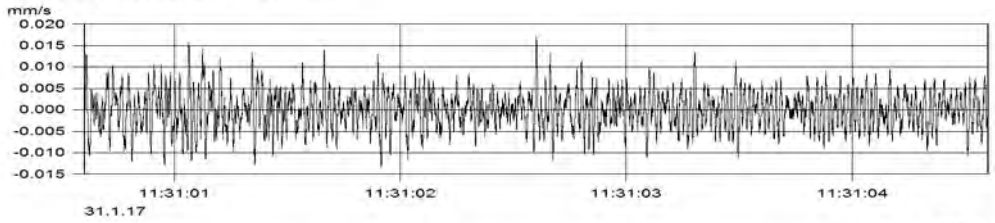


2017-01-31 11-29-26 (22): M8D Ri II



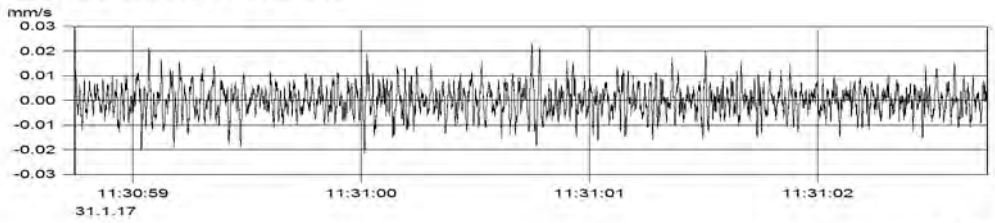
2017-01-31 11-29-26 (22): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.017 mm/s



h:m:s

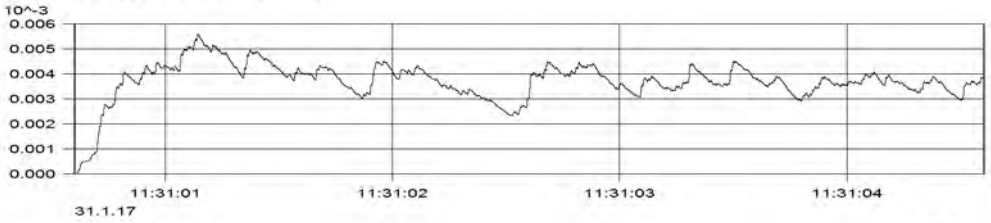
MP2 (Kanal\_002) v(max) = 0.023 mm/s



h:m:s

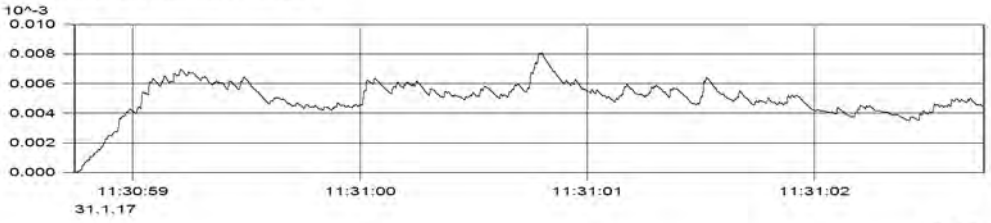
2017-01-31 11-29-26 (22): M8D Ri II

MP1 (Kanal\_001) KB(max) = 0.006[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.008[-]



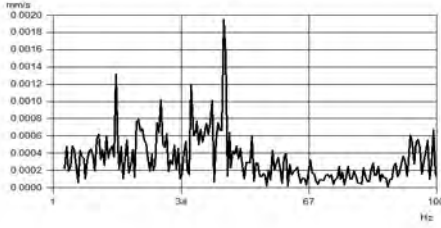
h:m:s

M8D Ri II

2017-01-31 11-29-26 (22)

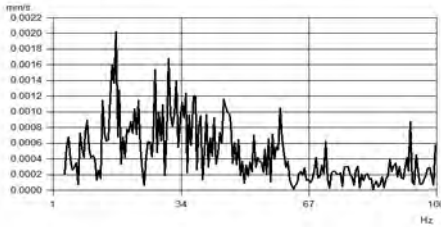
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

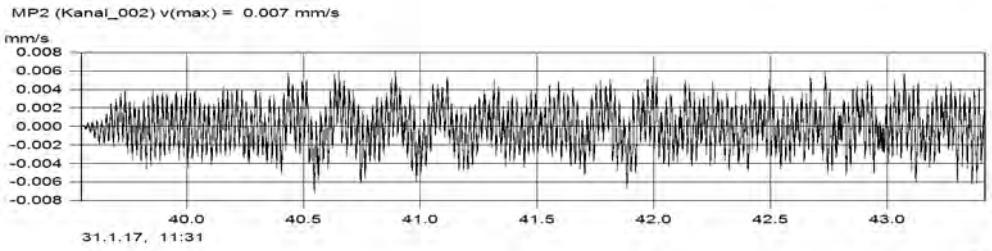
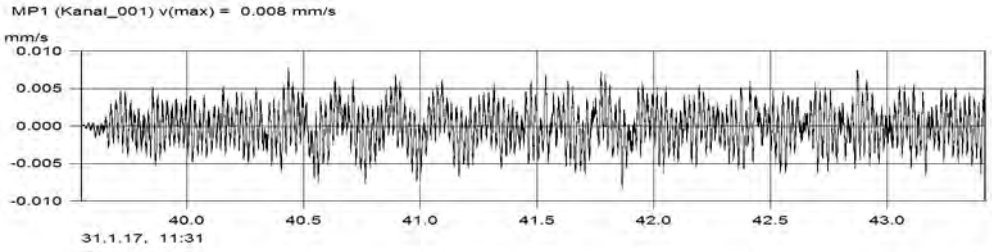


MP2 (Kanal\_002)

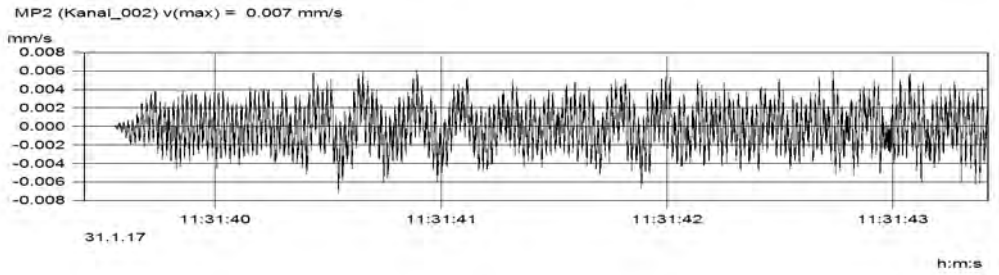
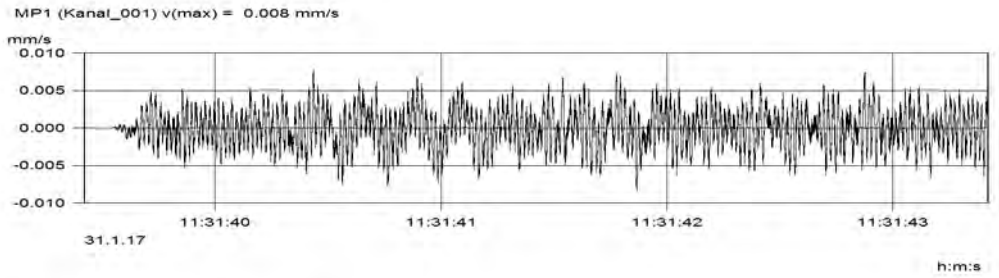
$f_e = 17.1 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



2017-01-31 11-31-17 (23): GruPe

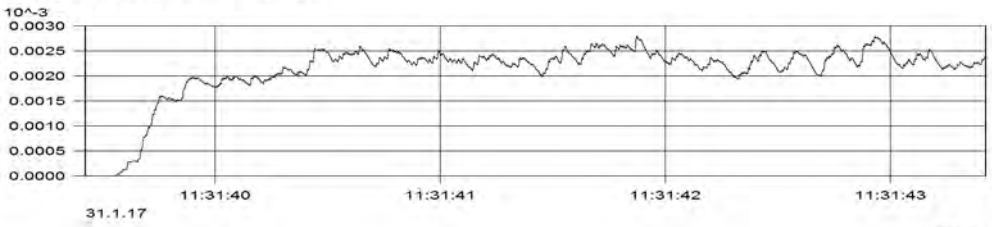


2017-01-31 11:31-17 (23): GruPe

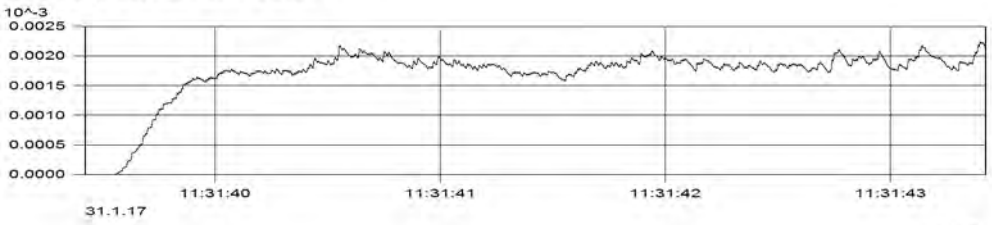


2017-01-31 11:31:17 (23): GruPe

MP1 (Kanal\_001) KB(max) = 0.003[-]



MP2 (Kanal\_002) KB(max) = 0.002[-]



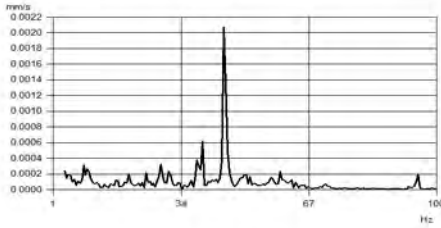


GruPe

2017-01-31 11-31-17 (23)

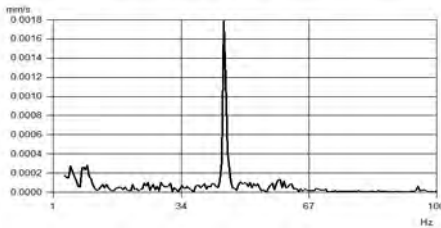
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



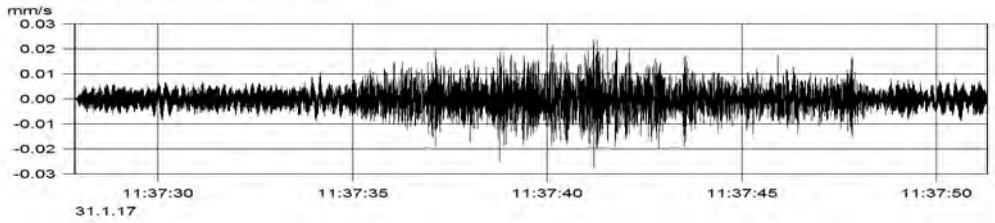
MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

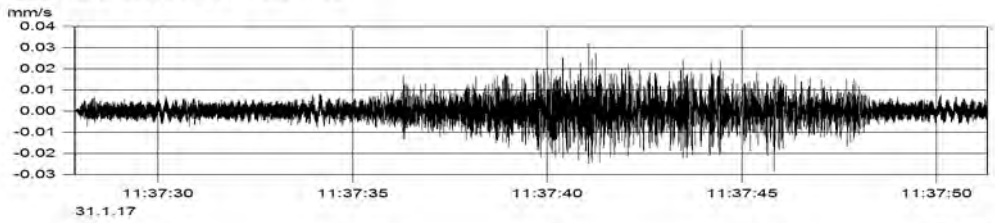


2017-01-31 11:32-04 (24): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.027 mm/s

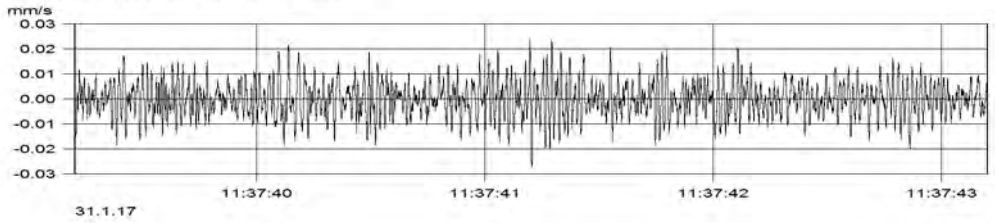


MP2 (Kanal\_002) v(max) = 0.032 mm/s



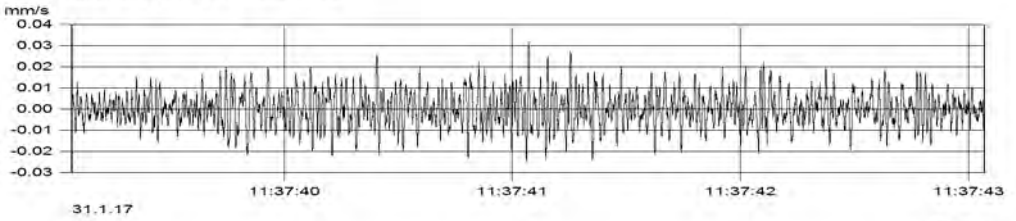
2017-01-31 11:32-04 (24): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.027 mm/s



h:m:s

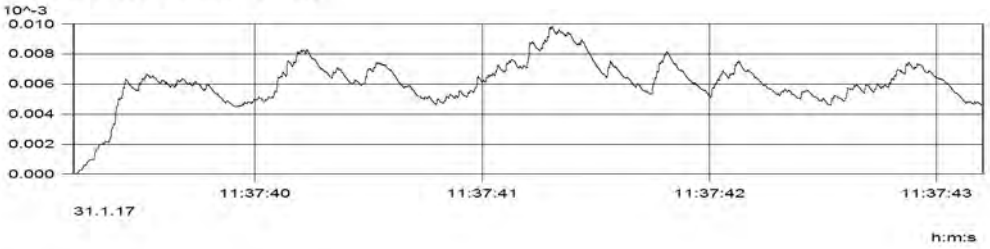
MP2 (Kanal\_002) v(max) = 0.032 mm/s



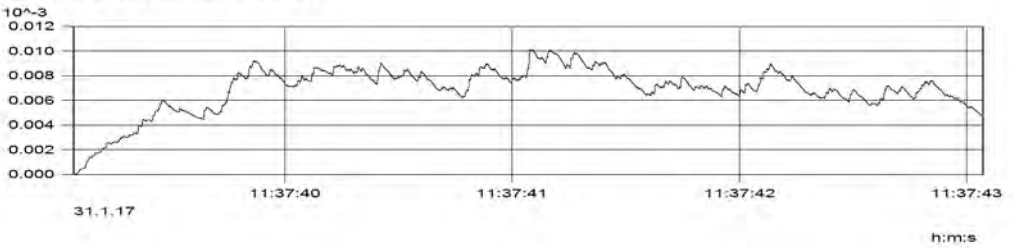
h:m:s

2017-01-31 11:32-04 (24): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.010[-]



MP2 (Kanal\_002) KB(max) = 0.010[-]

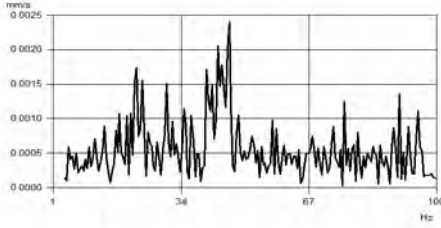


M8D Ri I

2017-01-31 11-32-04 (24)

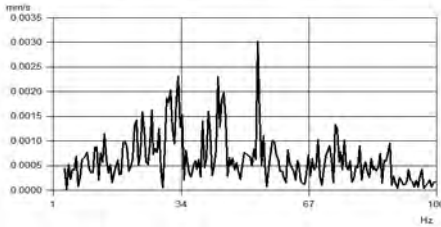
MP1 (Kanal\_001)

$f_e = 46.4 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



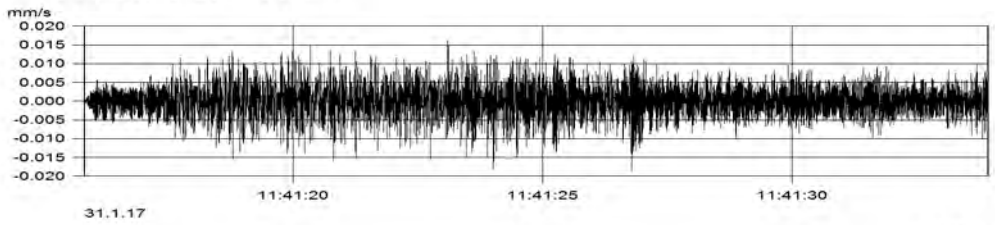
MP2 (Kanal\_002)

$f_e = 53.7 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



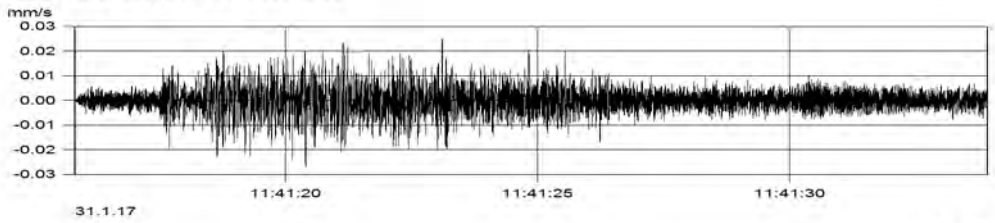
2017-01-31 11-37-58 (25): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.019 mm/s



h:m:s

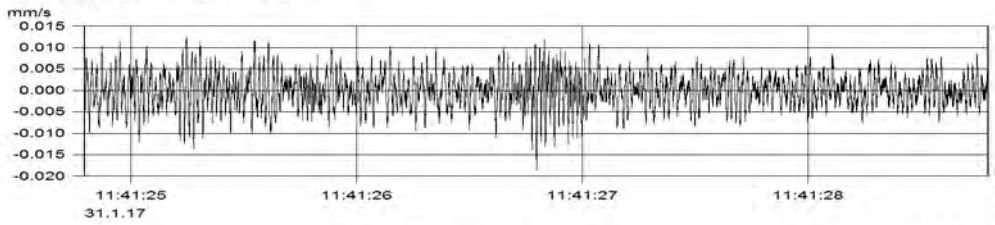
MP2 (Kanal\_002) v(max) = 0.027 mm/s



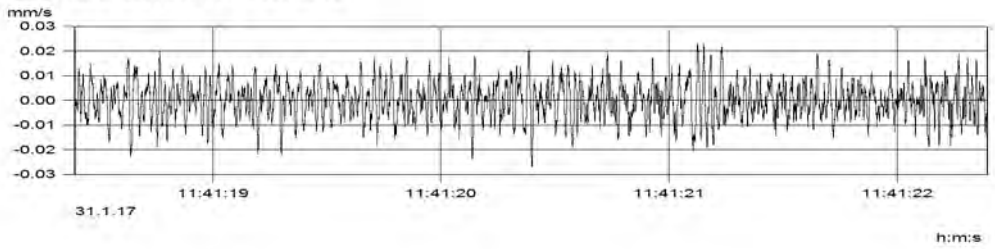
h:m:s

2017-01-31 11:37:58 (25): M8D Ri II

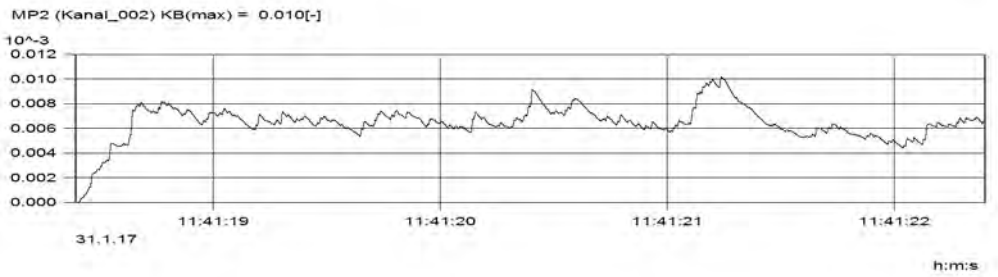
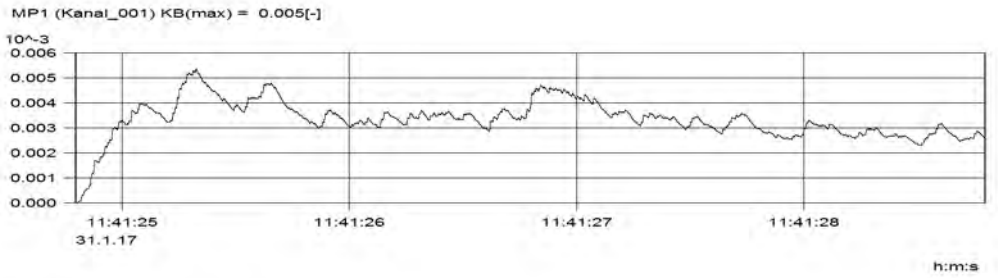
MP1 (Kanal\_001) v(max) = 0.019 mm/s



MP2 (Kanal\_002) v(max) = 0.027 mm/s



2017-01-31 11:37:58 (25): M8D Ri II



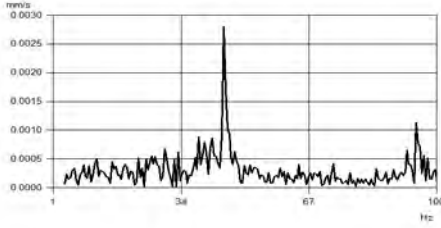


M8D Ri II

2017-01-31 11-37-58 (25)

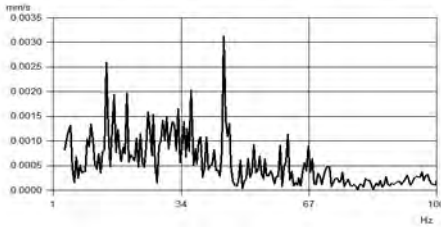
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

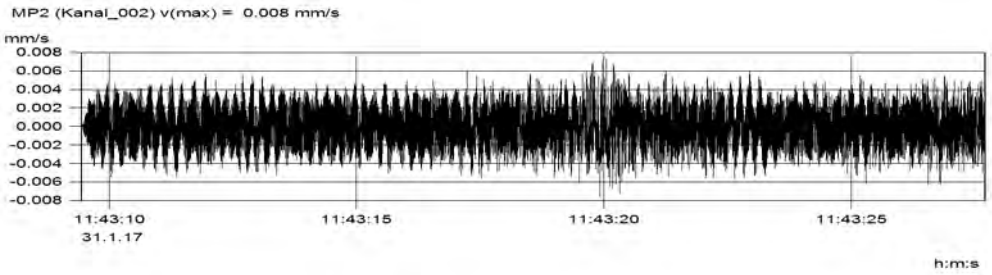
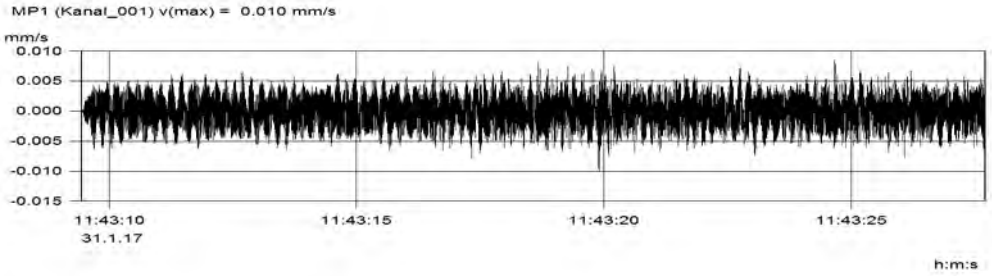


MP2 (Kanal\_002)

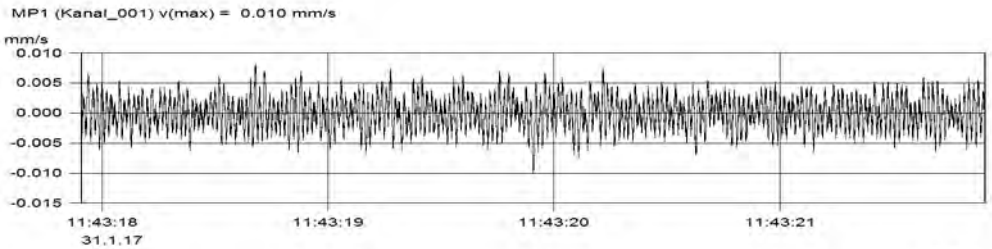
$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



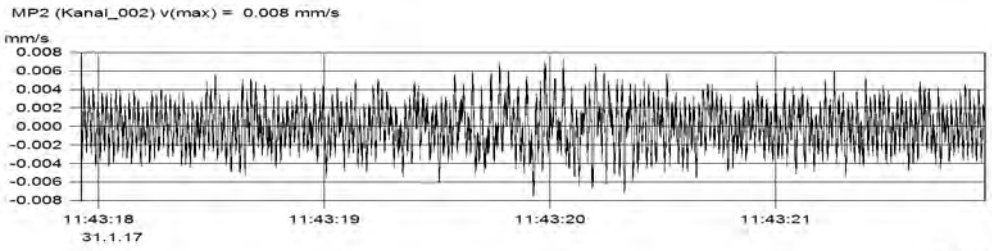
2017-01-31 11-41-39 (26): GruPe



2017-01-31 11:41-39 (26): GruPe



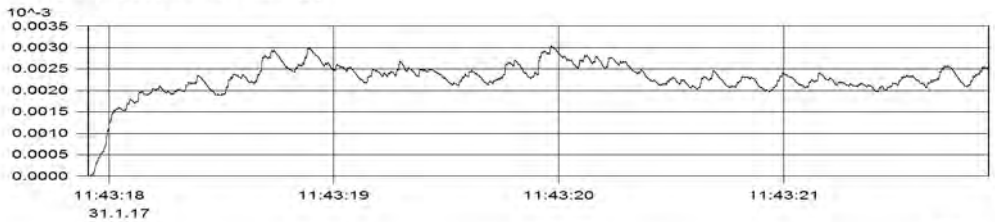
h:m:s



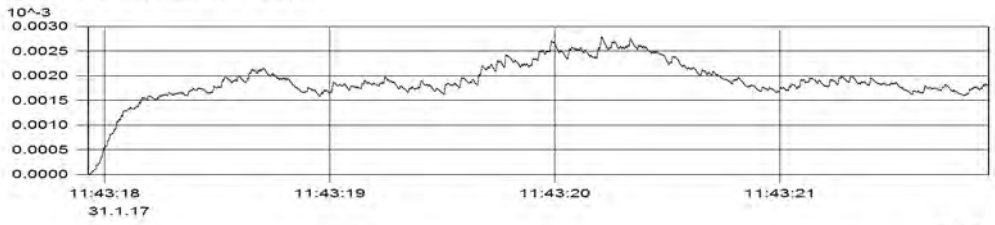
h:m:s

2017-01-31 11:41-39 (26): GruPe

MP1 (Kanal\_001) KB(max) = 0.003[-]



MP2 (Kanal\_002) KB(max) = 0.003[-]

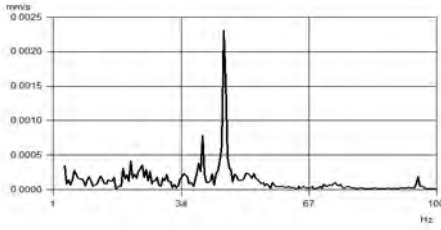


GruPe

2017-01-31 11-41-39 (26)

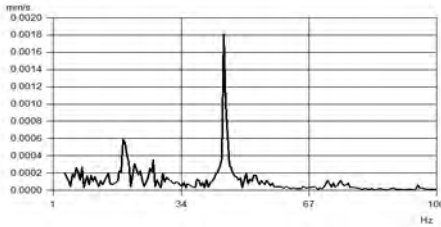
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



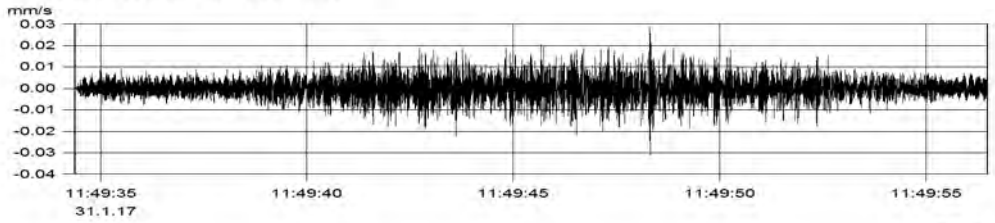
MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

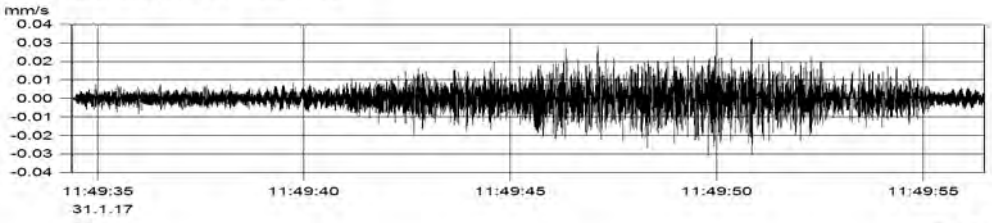


2017-01-31 11:44-49 (27): M8D Ri I

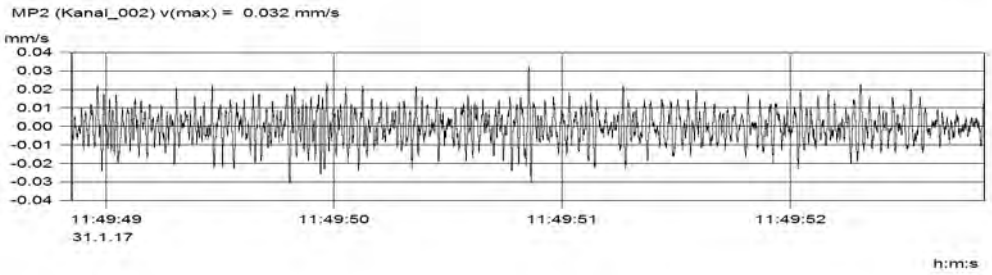
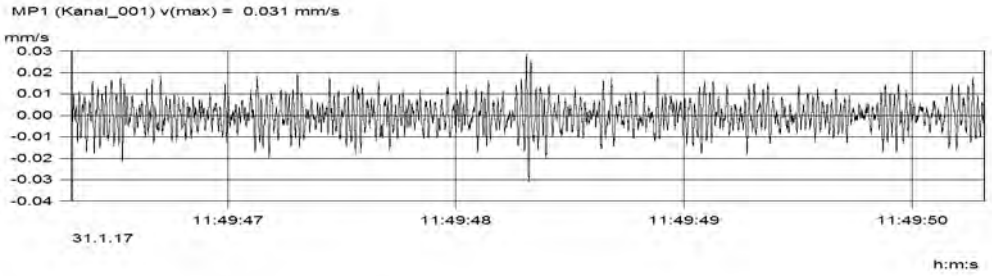
MP1 (Kanal\_001) v(max) = 0.031 mm/s



MP2 (Kanal\_002) v(max) = 0.032 mm/s

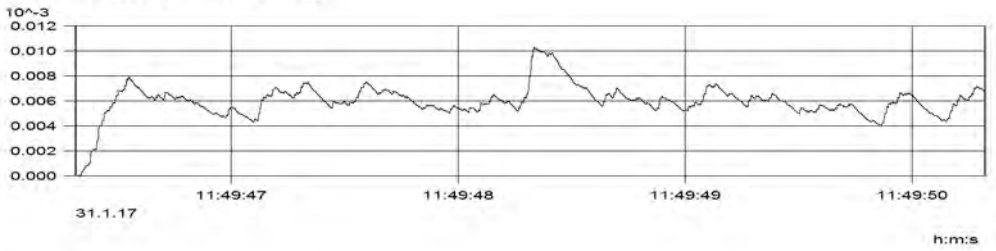


2017-01-31 11:44-49 (27): M8D Ri I

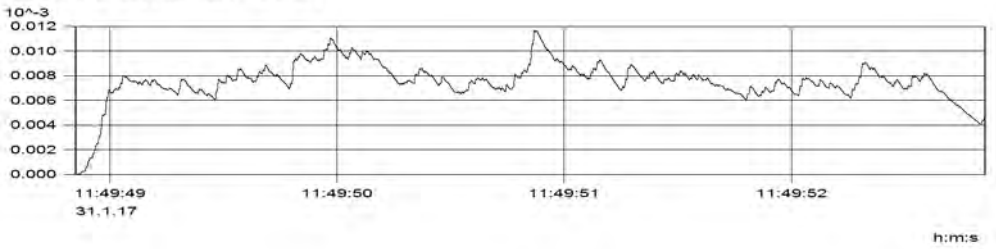


2017-01-31 11:44-49 (27): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.010[-]



MP2 (Kanal\_002) KB(max) = 0.012[-]



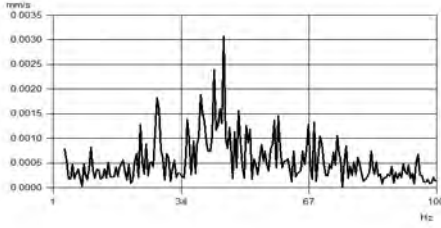


M8D Ri I

2017-01-31 11-44-49 (27)

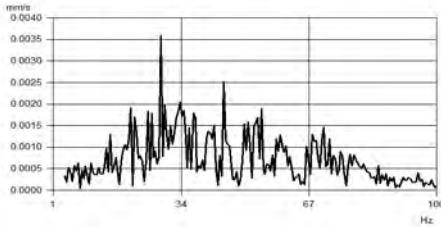
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

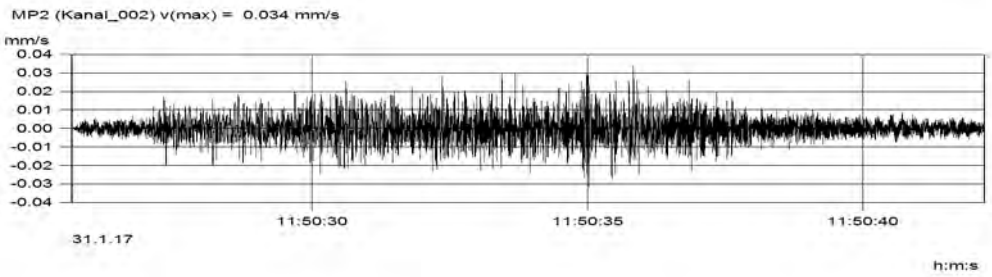
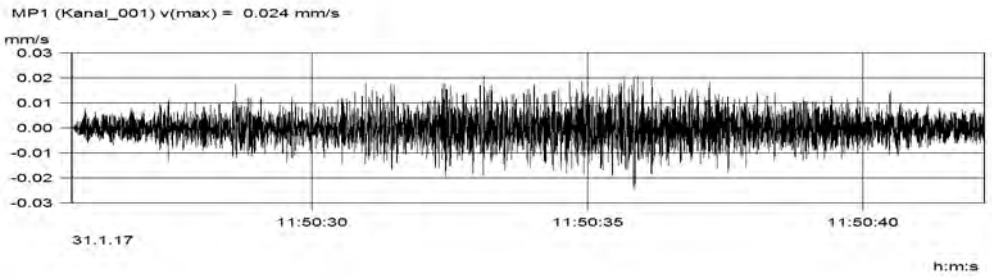


MP2 (Kanal\_002)

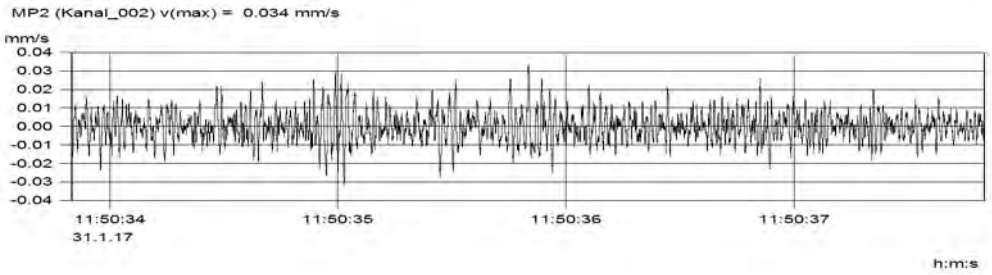
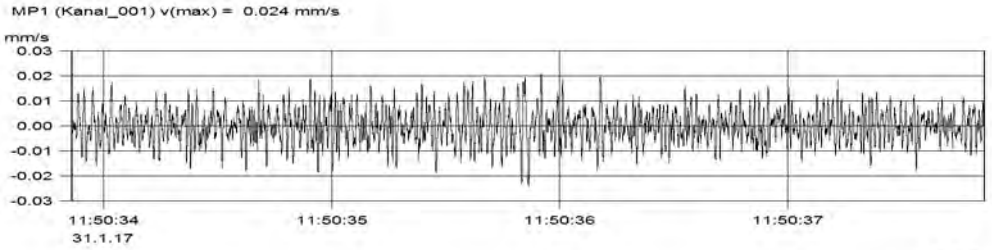
$f_e = 28.8 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



2017-01-31 11:50-01 (28): M8D Ri II

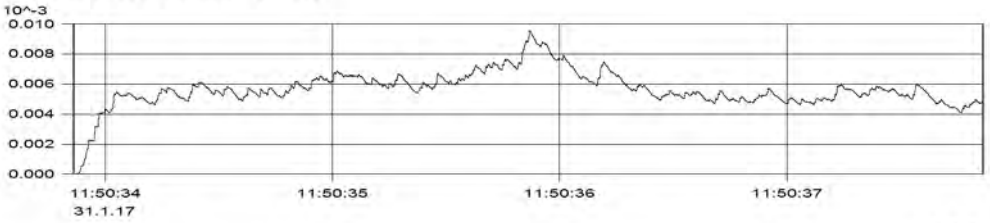


2017-01-31 11:50-01 (28): M8D Ri II

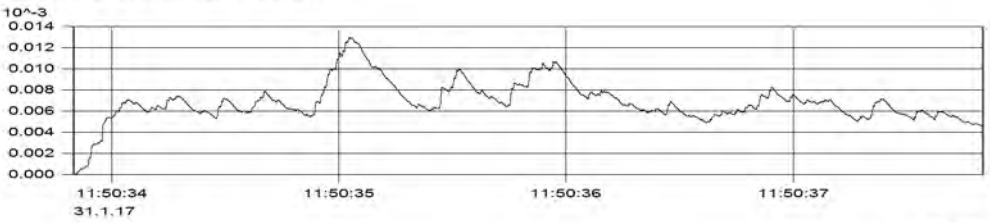


2017-01-31 11:50-01 (28): M8D Ri II

MP1 (Kanal\_001) KB(max) = 0.010[-]



MP2 (Kanal\_002) KB(max) = 0.013[-]

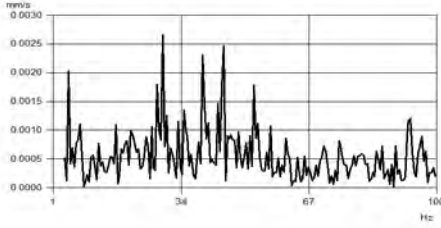


M8D Ri II

2017-01-31 11-50-01 (28)

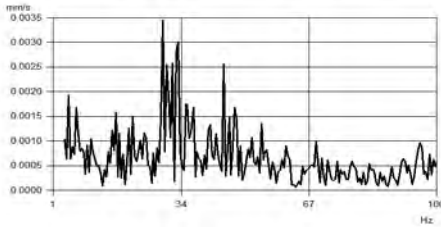
MP1 (Kanal\_001)

$f_e = 29.3 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

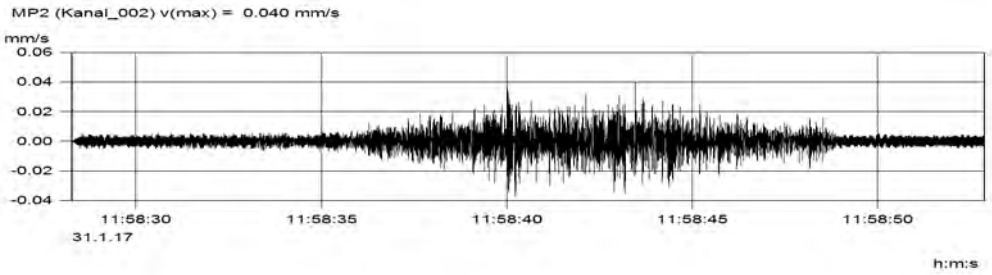
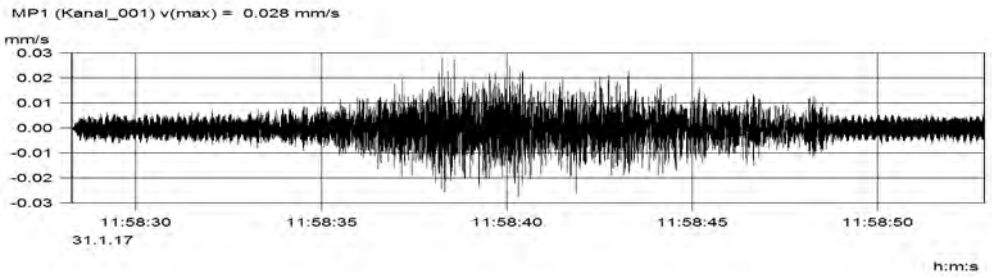


MP2 (Kanal\_002)

$f_e = 29.3 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

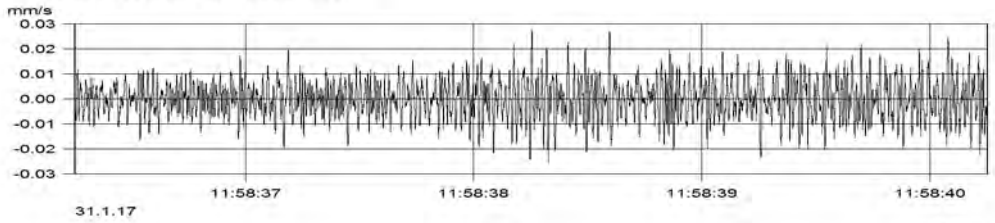


2017-01-31 11:50-51 (29): M8D 3fach Ri I



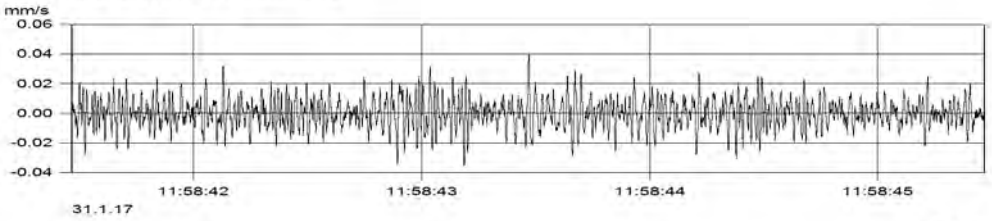
2017-01-31 11-50-51 (29): M8D 3fach Ri I

MP1 (Kanal\_001) v(max) = 0.028 mm/s



h:m:s

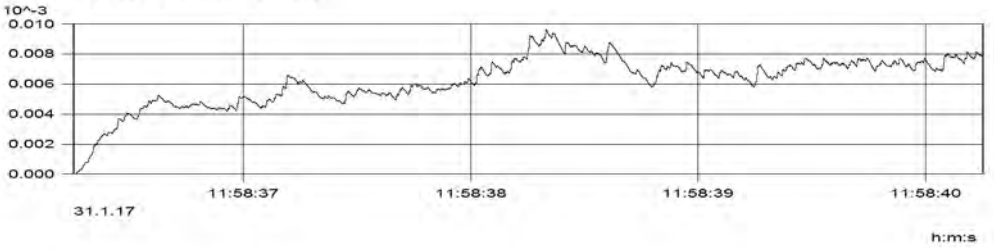
MP2 (Kanal\_002) v(max) = 0.040 mm/s



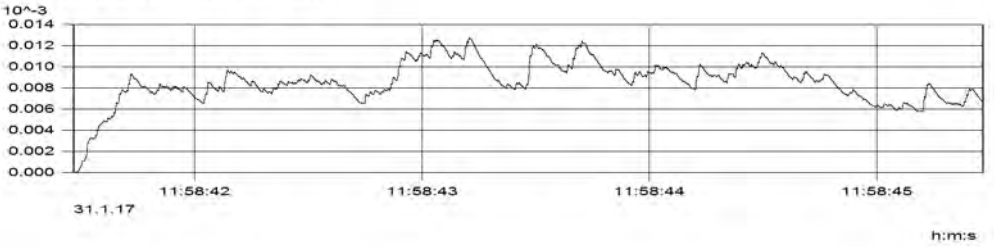
h:m:s

2017-01-31 11-50-51 (29): M8D 3fach Ri I

MP1 (Kanal\_001) KB(max) = 0.010[-]



MP2 (Kanal\_002) KB(max) = 0.013[-]



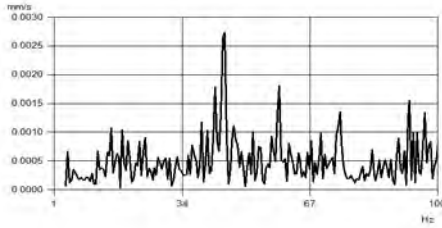


M8D 3fach Ri I

2017-01-31 11-50-51 (29)

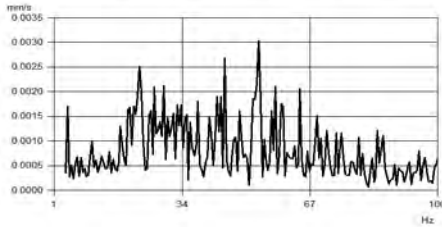
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

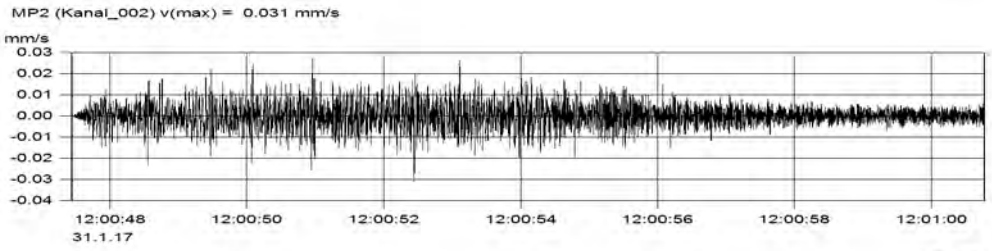
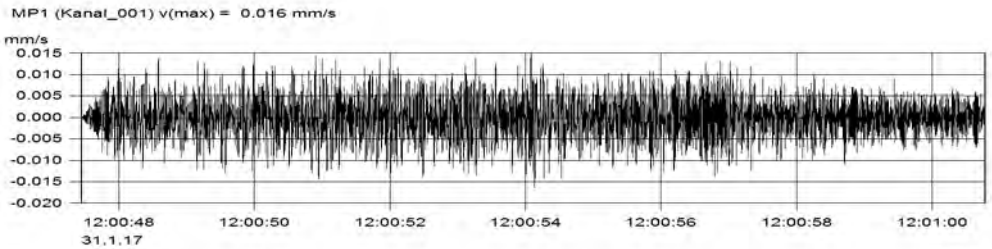


MP2 (Kanal\_002)

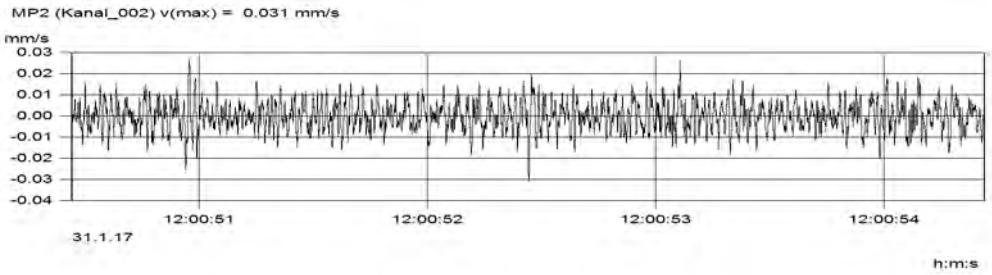
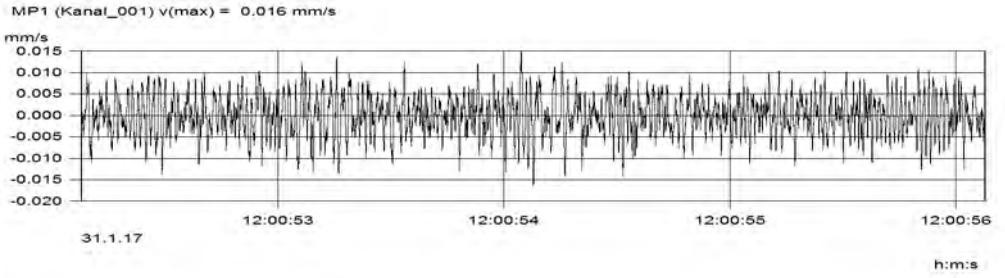
$f_e = 53.7 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



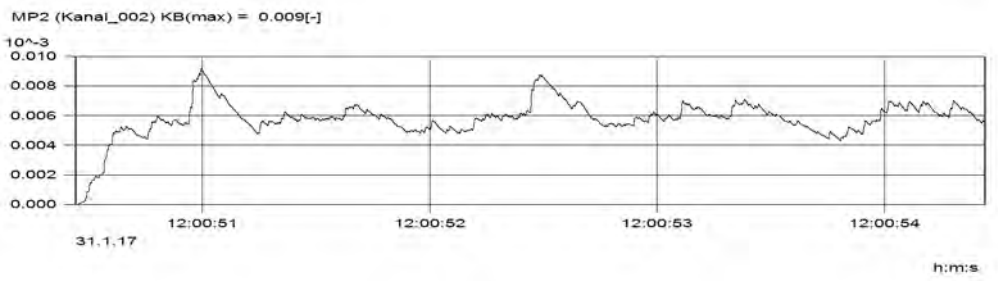
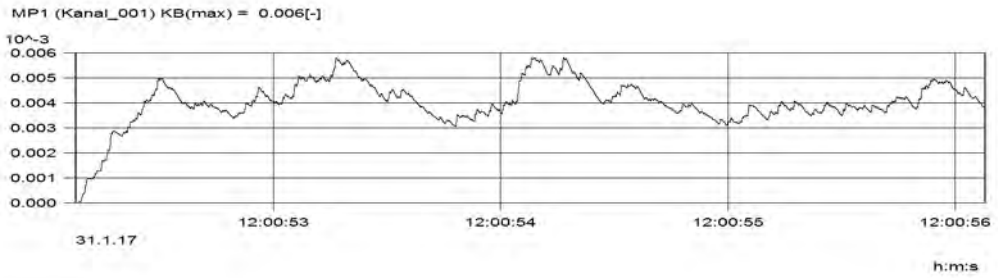
2017-01-31 11-58-56 (30): M8D Ri II



2017-01-31 11-58-56 (30): M8D Ri II



2017-01-31 11-58-56 (30): M8D Ri II

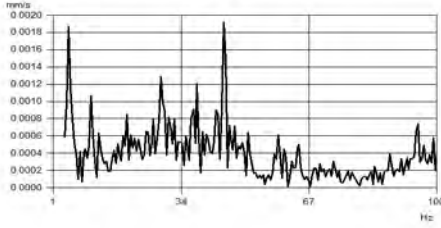


M8D Ri II

2017-01-31 11-58-56 (30)

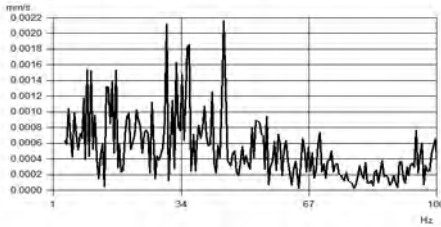
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

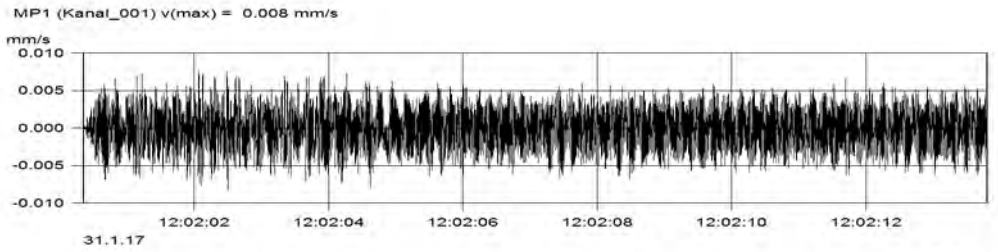


MP2 (Kanal\_002)

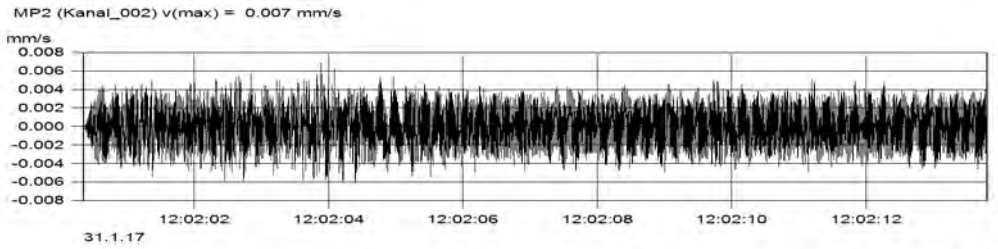
$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



2017-01-31 12-01-11 (31): GruPe

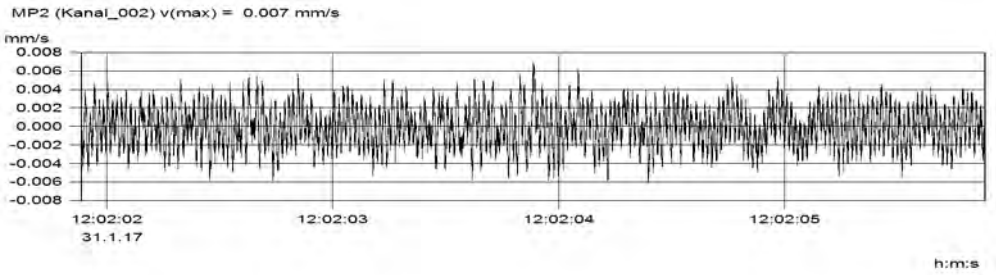
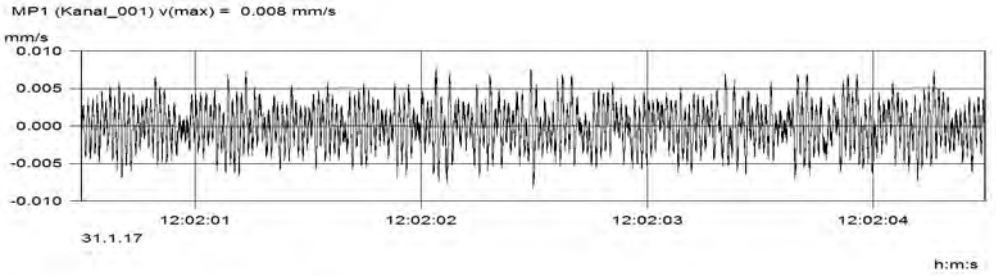


h:m:s



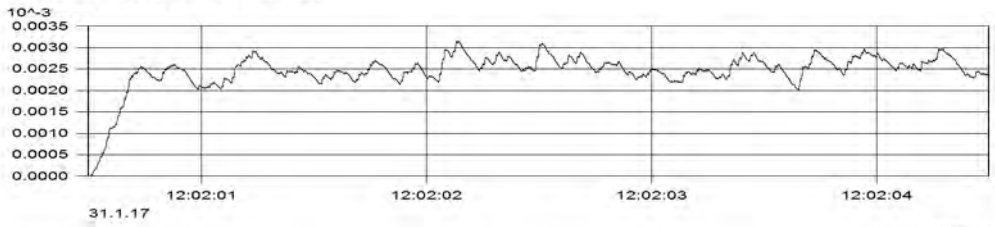
h:m:s

2017-01-31 12-01-11 (31): GruPe



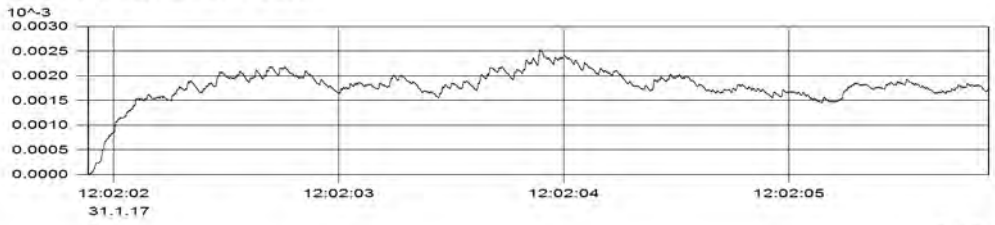
2017-01-31 12-01-11 (31): GruPe

MP1 (Kanal\_001) KB(max) = 0.003[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.003[-]



h:m:s

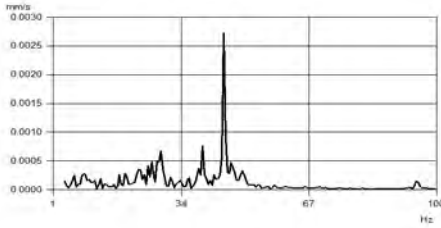


GruPe

2017-01-31 12-01-11 (31)

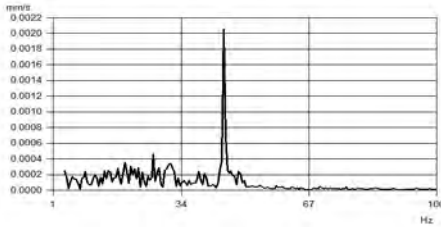
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

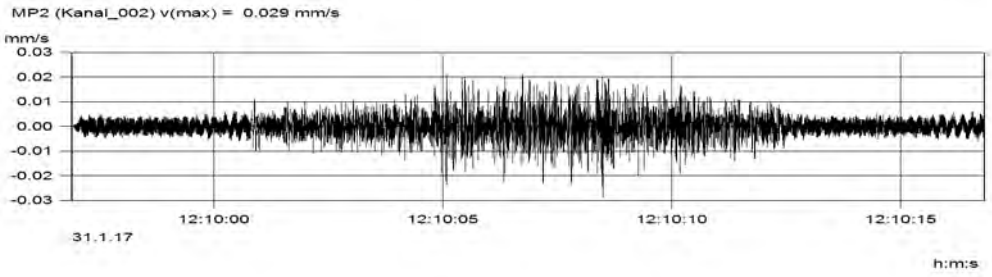
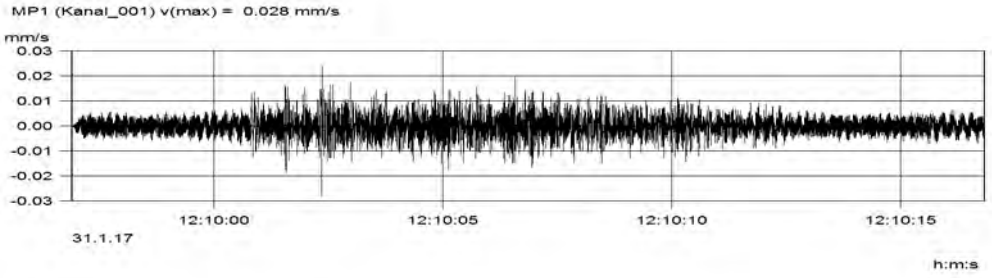


MP2 (Kanal\_002)

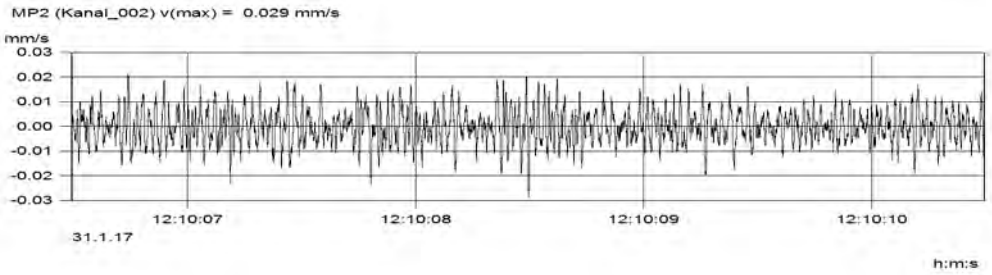
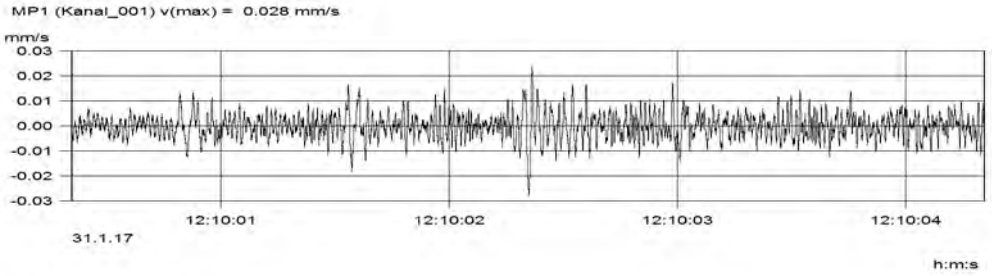
$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



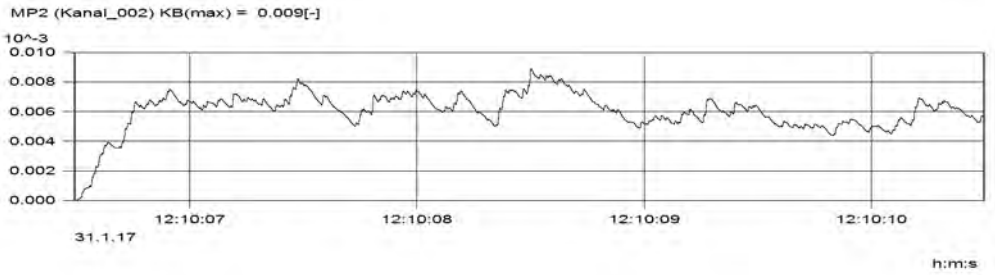
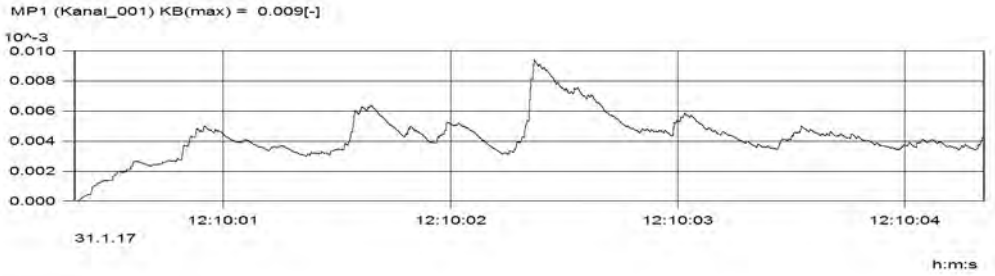
2017-01-31 12-03-01 (32): M8D Ri I



2017-01-31 12-03-01 (32): M8D Ri I



2017-01-31 12-03-01 (32): M8D Ri I

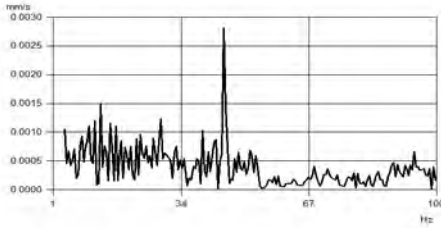


M8D Ri I

2017-01-31 12-03-01 (32)

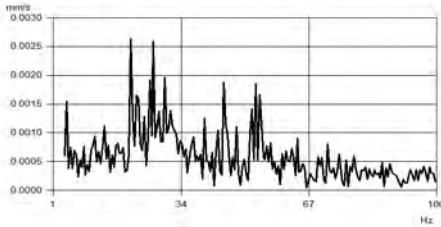
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

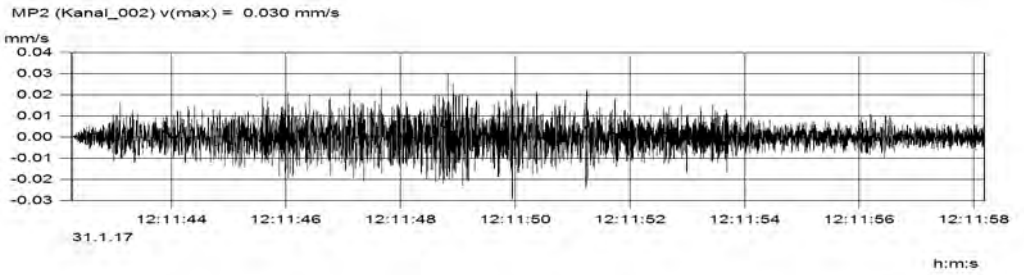
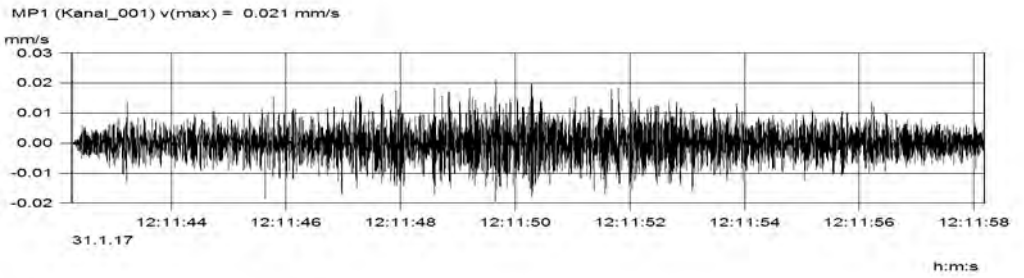


MP2 (Kanal\_002)

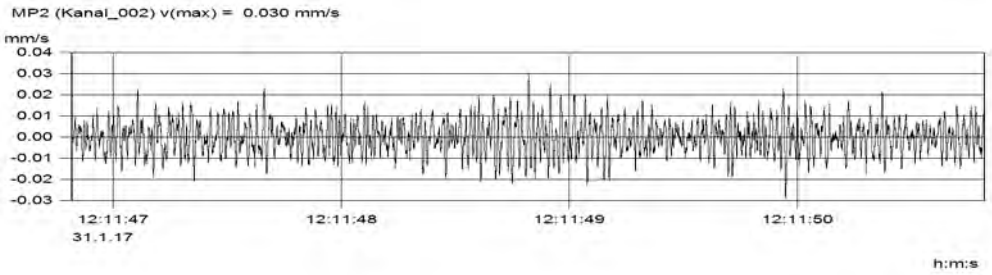
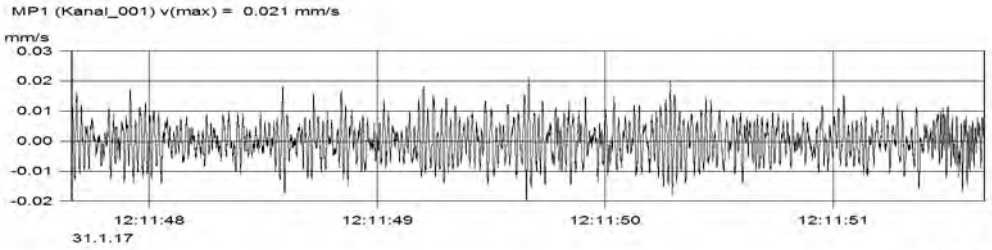
$f_e = 21.0 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



2017-01-31 12-10-24 (33): M8D Ri II

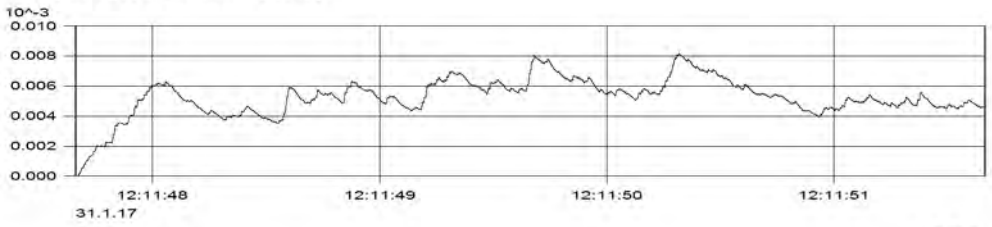


2017-01-31 12-10-24 (33): M8D Ri II

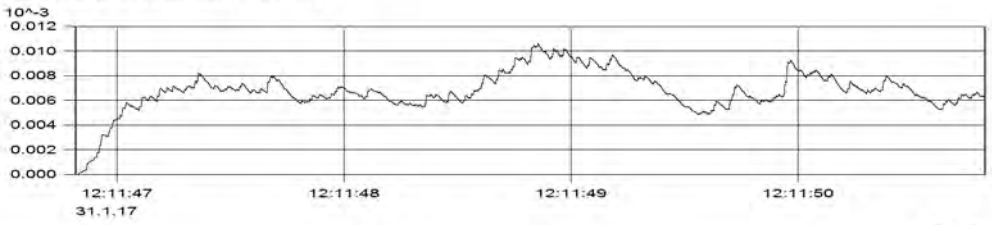


2017-01-31 12-10-24 (33): M8D Ri II

MP1 (Kanal\_001) KB(max) = 0.008[-]



MP2 (Kanal\_002) KB(max) = 0.011[-]



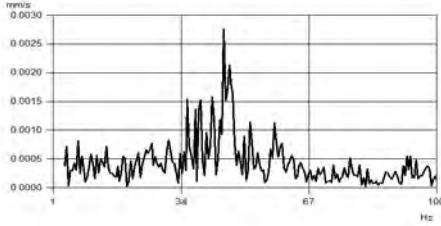


M8D Ri II

2017-01-31 12-10-24 (33)

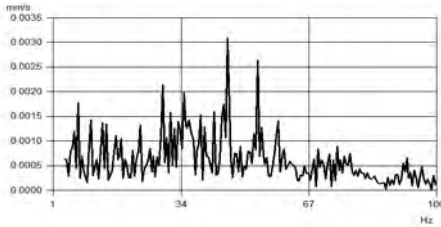
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

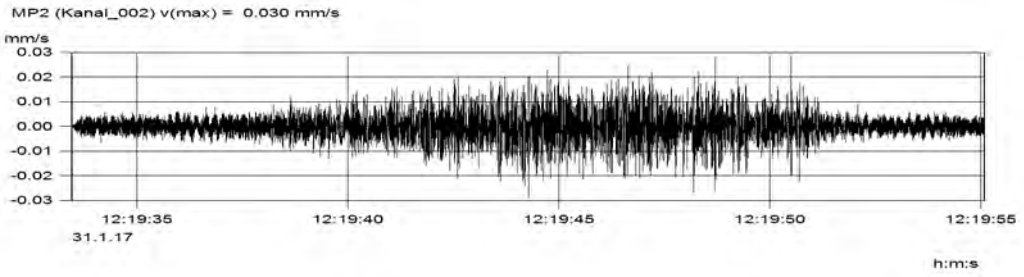
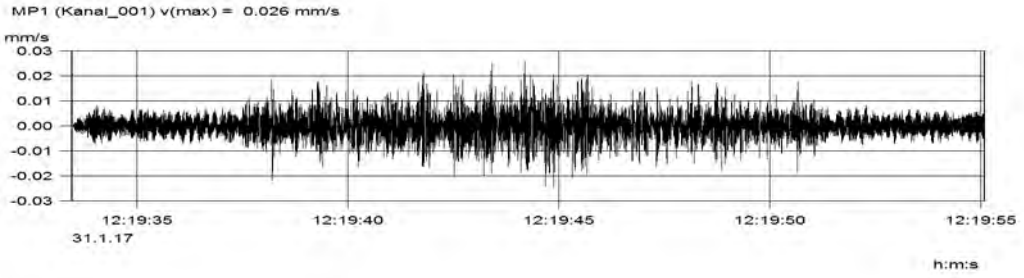


MP2 (Kanal\_002)

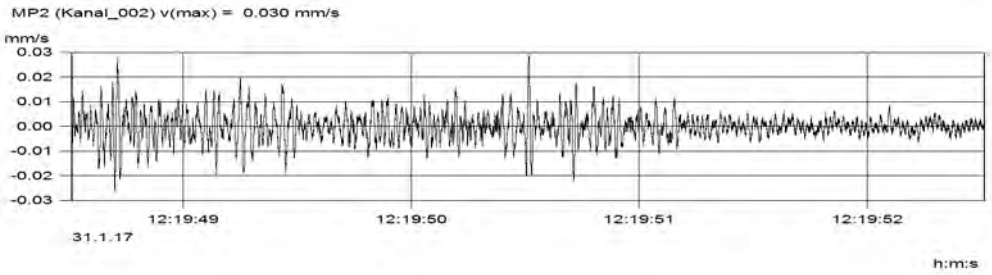
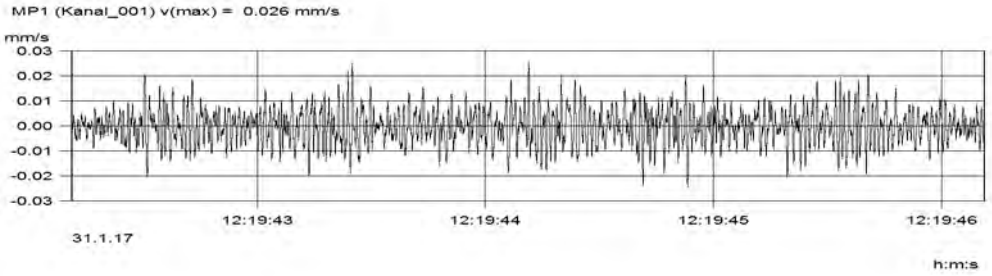
$f_e = 45.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



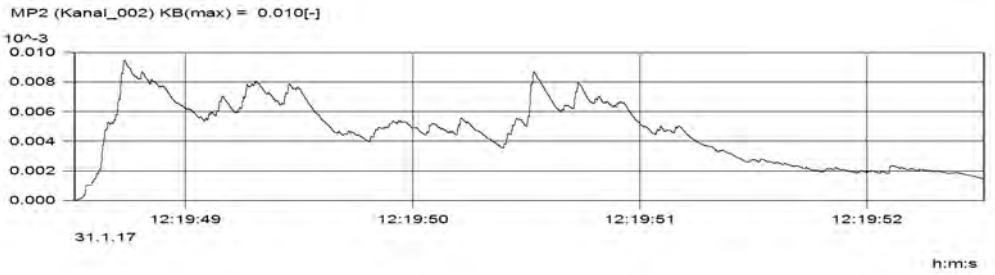
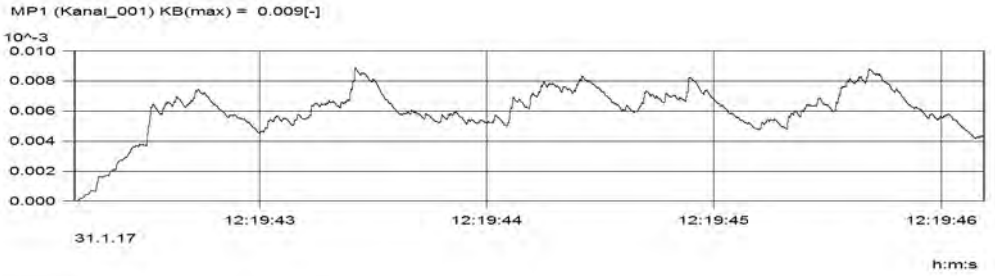
2017-01-31 12-12-09 (34): M8D 3fach Ri I



2017-01-31 12-12-09 (34): M8D 3fach Ri I



2017-01-31 12-12-09 (34): M8D 3fach Ri I

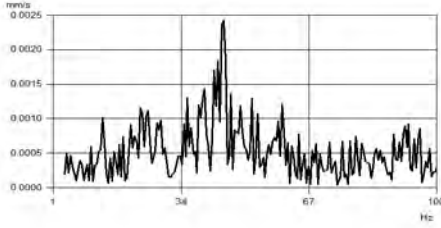


M8D 3fach Ri I

2017-01-31 12-12-09 (34)

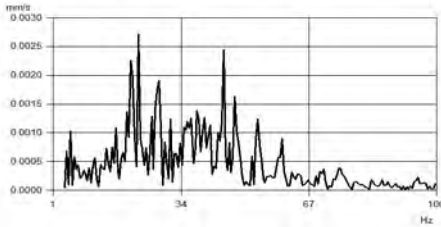
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

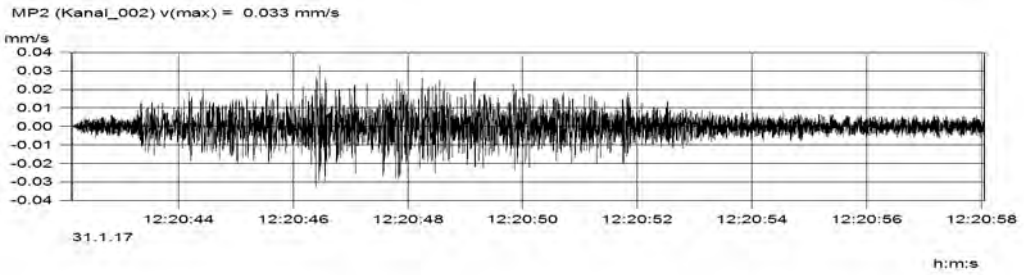
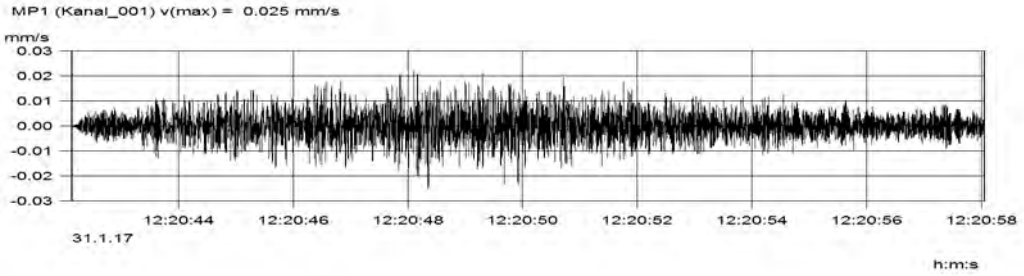


MP2 (Kanal\_002)

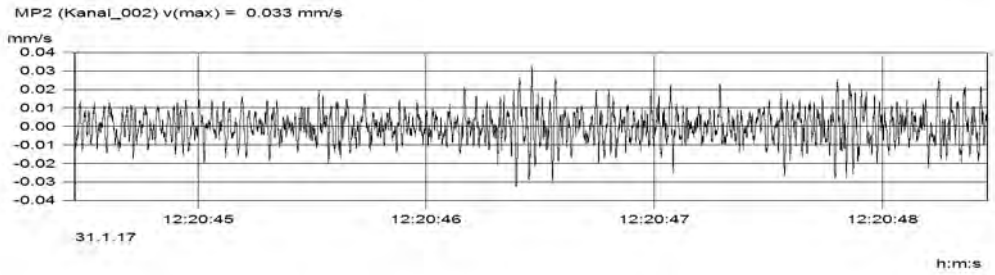
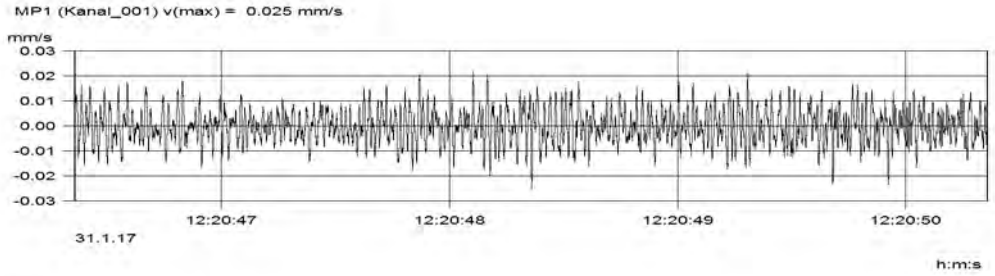
$f_e = 22.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



2017-01-31 12-19-56 (35): M8D 3fach Ri II

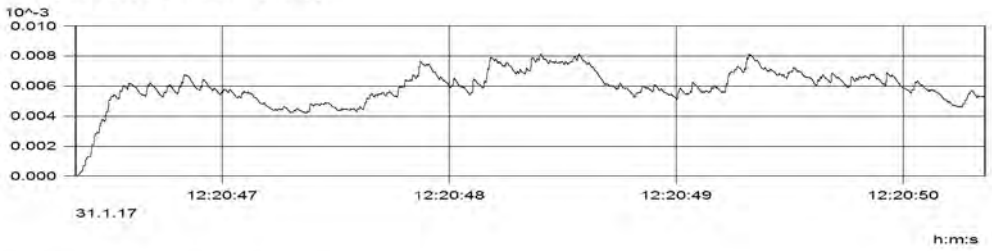


2017-01-31 12-19-56 (35): M8D 3fach Ri II

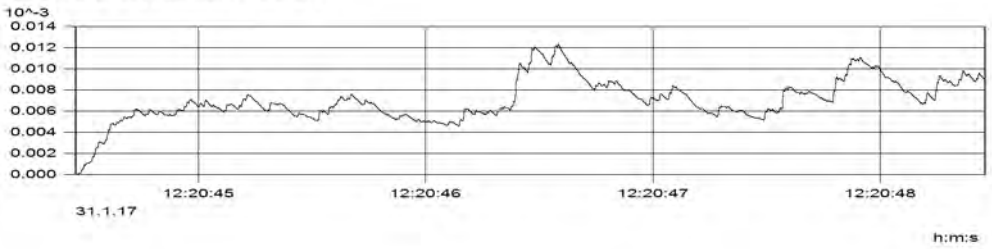


2017-01-31 12-19-56 (35): M8D 3fach Ri II

MP1 (Kanal\_001) KB(max) = 0.008[-]



MP2 (Kanal\_002) KB(max) = 0.012[-]



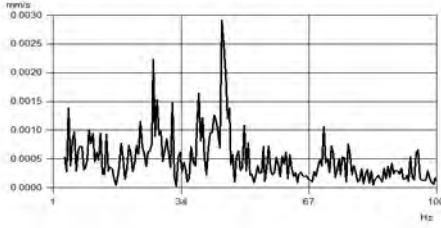


M8D 3fach Ri II

2017-01-31 12-19-56 (35)

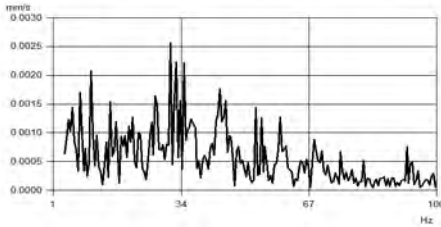
MP1 (Kanal\_001)

$f_e = 44.4 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



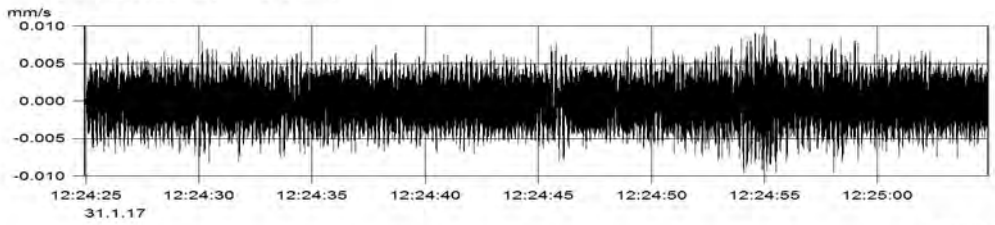
MP2 (Kanal\_002)

$f_e = 31.3 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



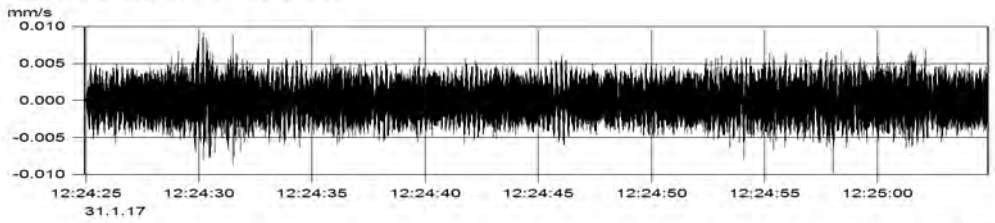
2017-01-31 12-21-11 (36): GruPe

MP1 (Kanal\_001) v(max) = 0.010 mm/s



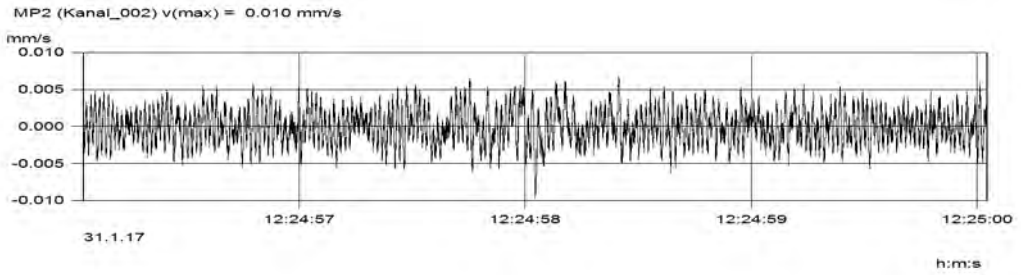
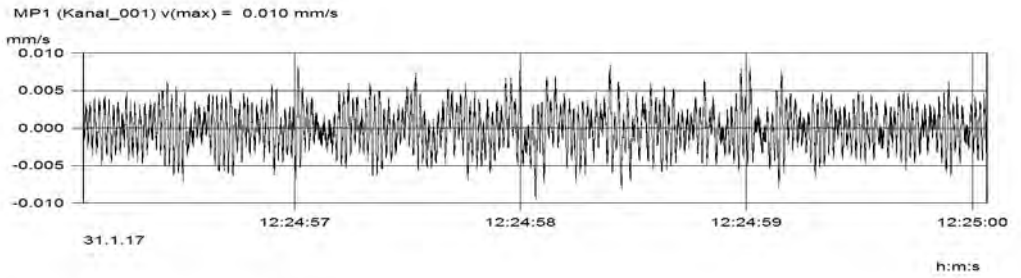
h:m:s

MP2 (Kanal\_002) v(max) = 0.010 mm/s

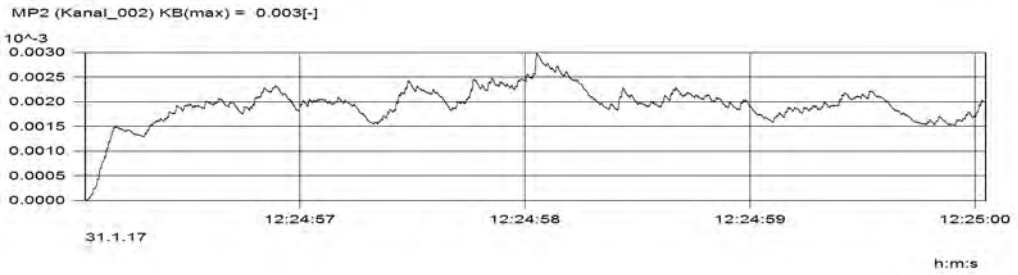
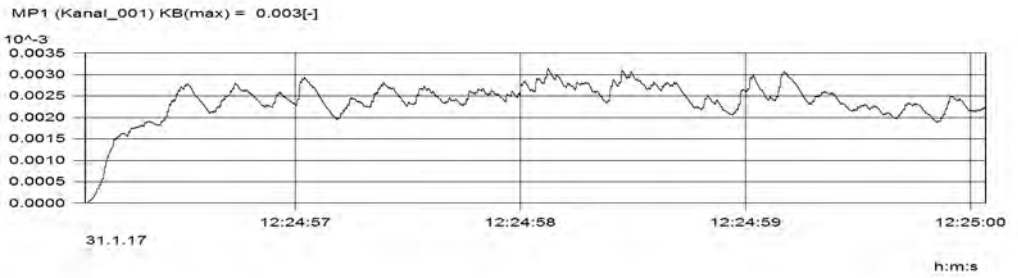


h:m:s

2017-01-31 12-21-11 (36): GruPe



2017-01-31 12:21-11 (36): GruPe

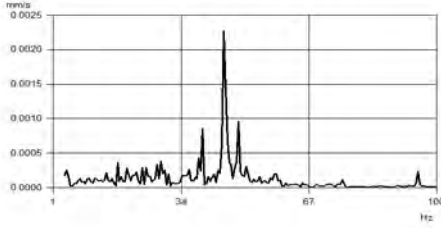


GruPe

2017-01-31 12-21-11 (36)

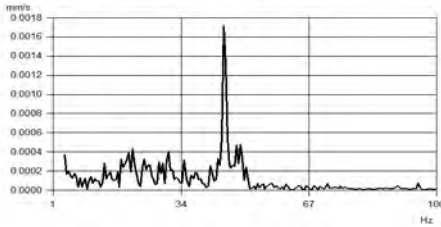
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



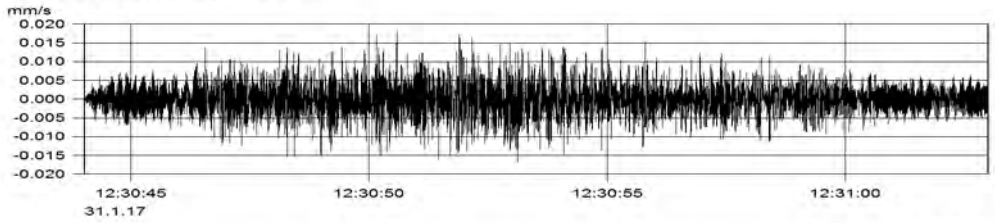
MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



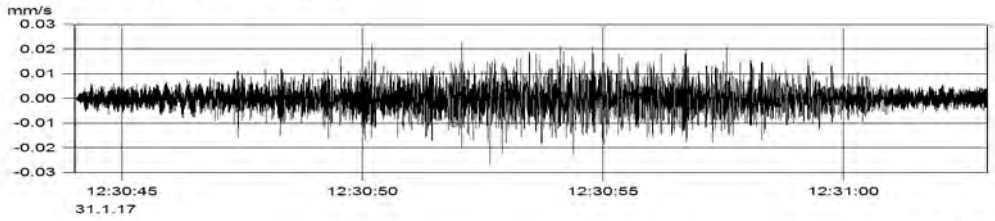
2017-01-31 12-28-00 (37): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.018 mm/s



h:m:s

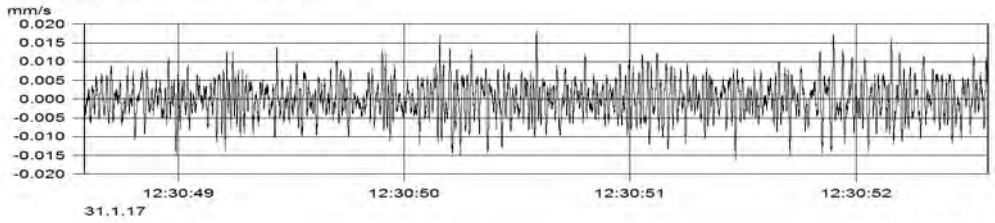
MP2 (Kanal\_002) v(max) = 0.027 mm/s



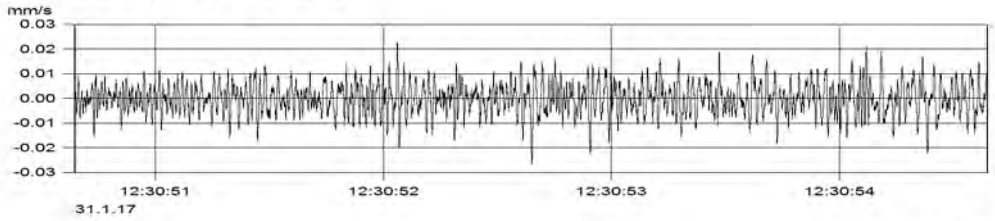
h:m:s

2017-01-31 12-28-00 (37): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.018 mm/s

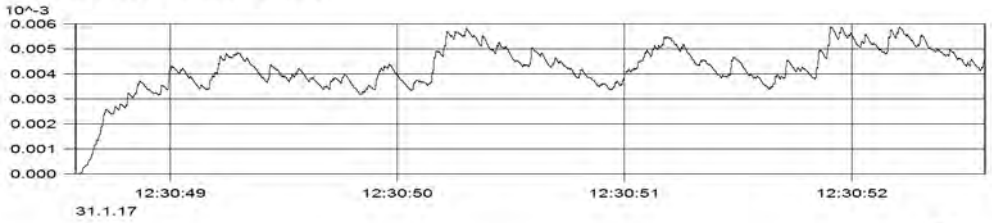


MP2 (Kanal\_002) v(max) = 0.027 mm/s

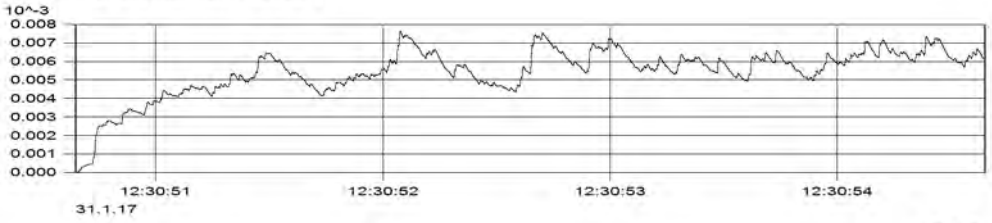


2017-01-31 12-28-00 (37): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.006[-]



MP2 (Kanal\_002) KB(max) = 0.008[-]



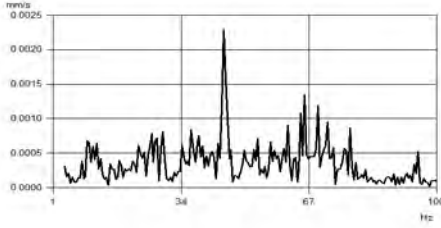


M8D Ri I

2017-01-31 12-28-00 (37)

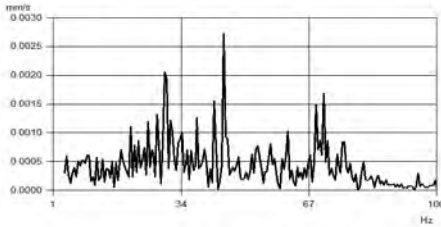
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



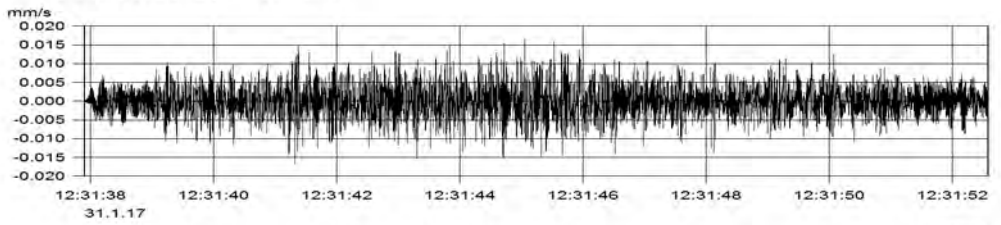
MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



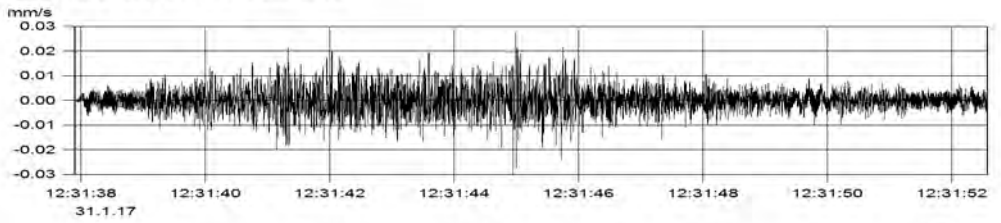
2017-01-31 12:31-07 (38): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.017 mm/s



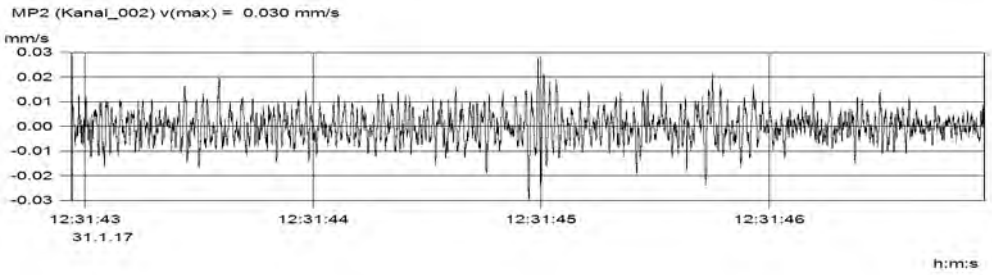
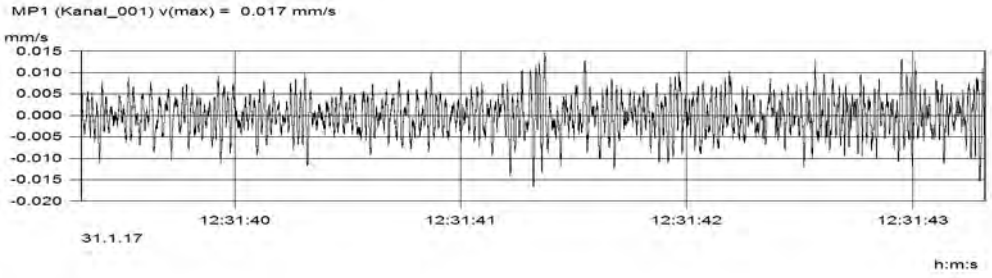
h:m:s

MP2 (Kanal\_002) v(max) = 0.030 mm/s



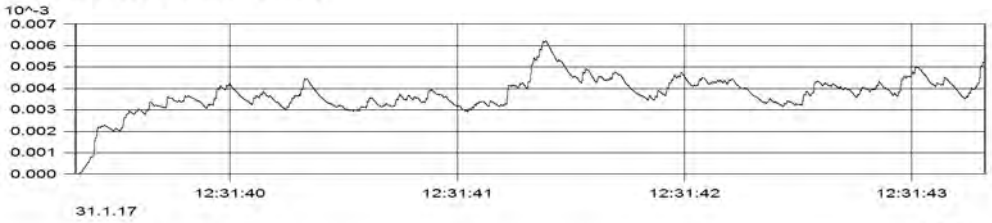
h:m:s

2017-01-31 12:31-07 (38): M8D Ri II



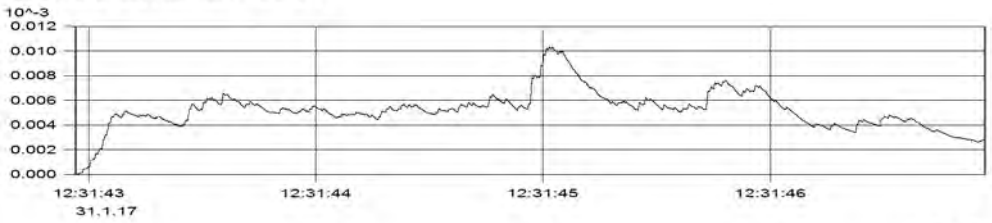
2017-01-31 12:31-07 (38): M8D Ri II

MP1 (Kanal\_001) KB(max) = 0.006[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.010[-]



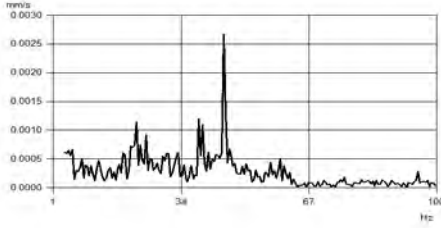
h:m:s

M8D Ri II

2017-01-31 12-31-07 (38)

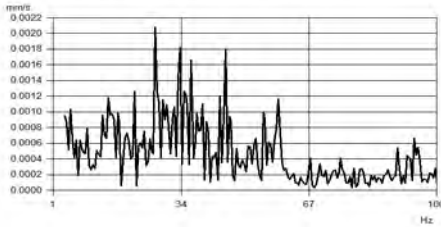
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

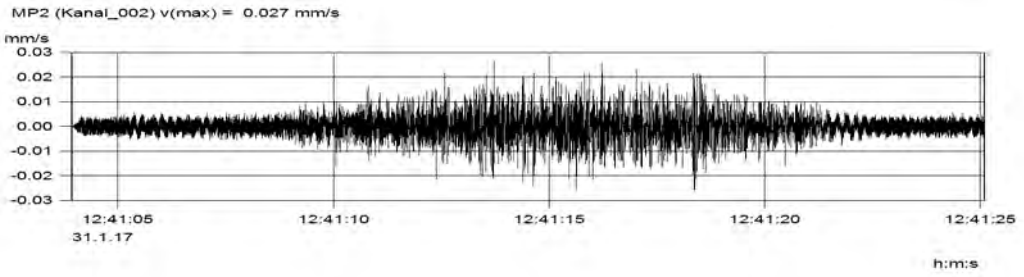
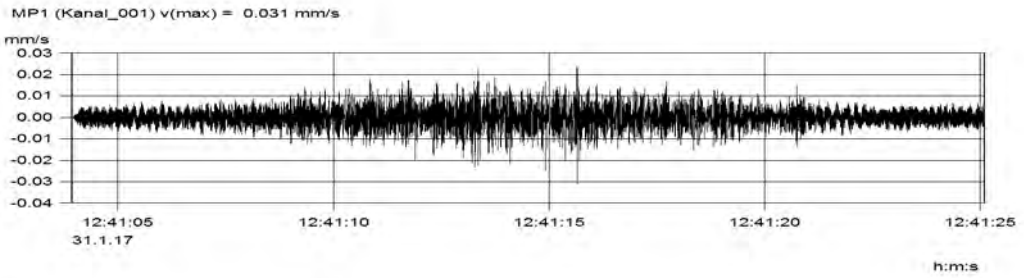


MP2 (Kanal\_002)

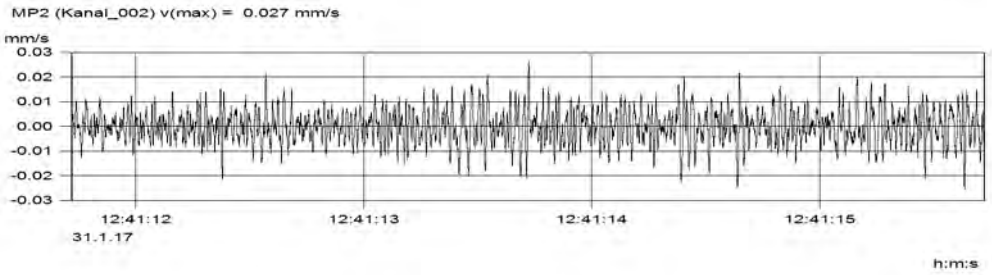
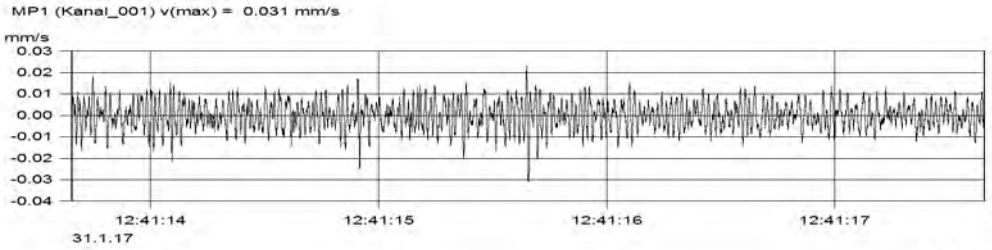
$f_e = 27.3 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



2017-01-31 12:32-06 (39): M8D Ri I

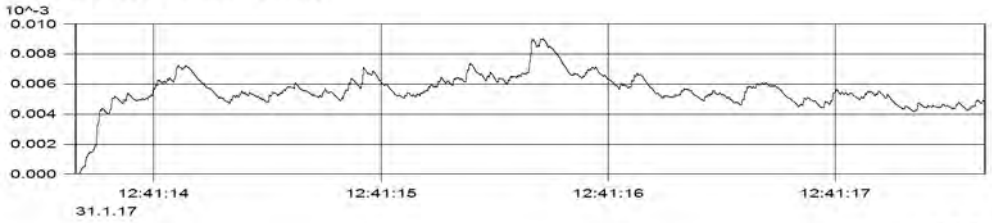


2017-01-31 12:32-06 (39): M8D Ri I



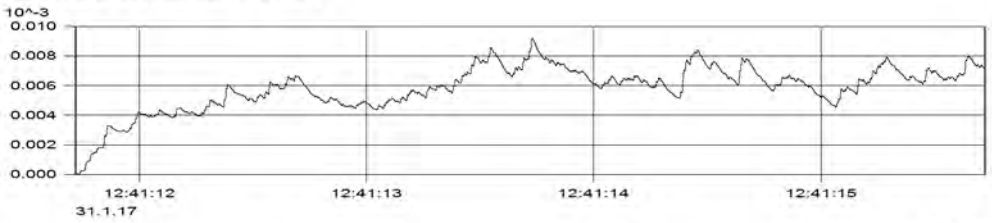
2017-01-31 12:32-06 (39): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.009[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.009[-]



h:m:s

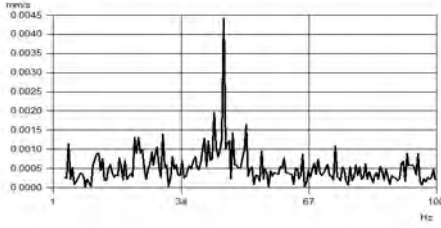


M8D Ri I

2017-01-31 12-32-06 (39)

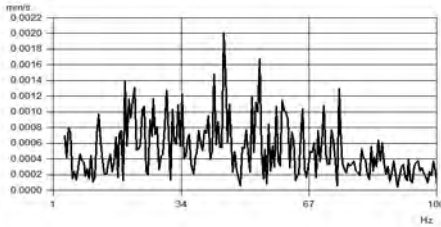
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



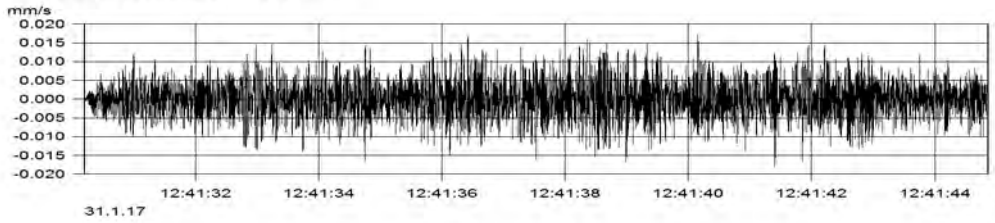
MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

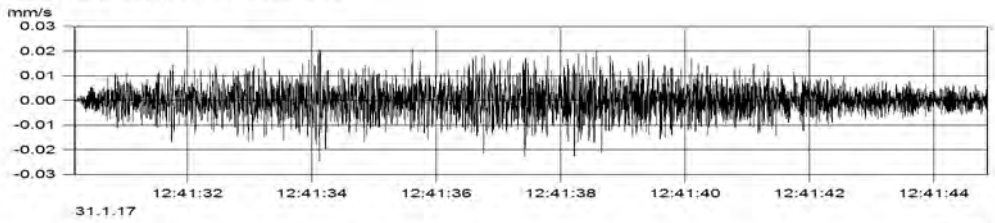


2017-01-31 12:41:27 (40): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.018 mm/s

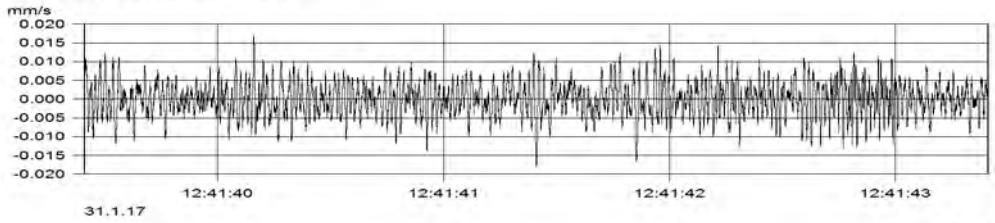


MP2 (Kanal\_002) v(max) = 0.025 mm/s



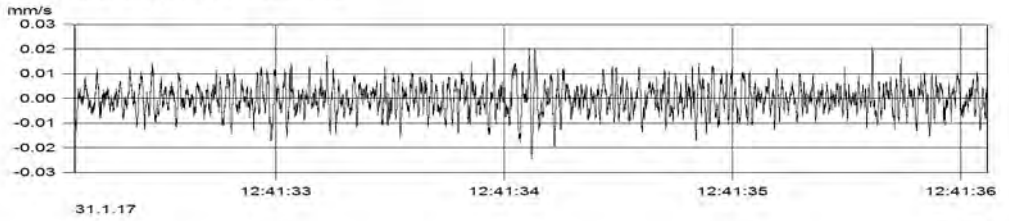
2017-01-31 12:41:27 (40): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.018 mm/s



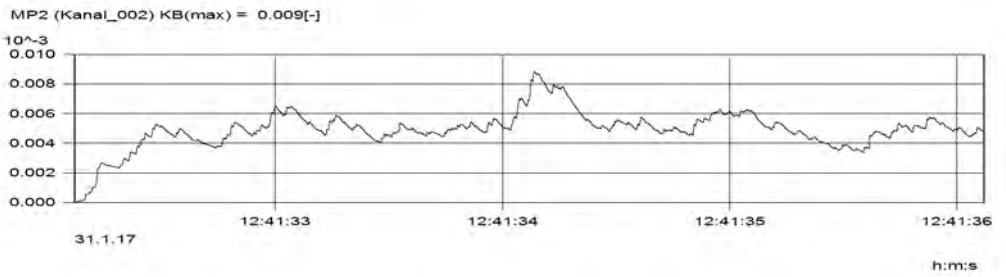
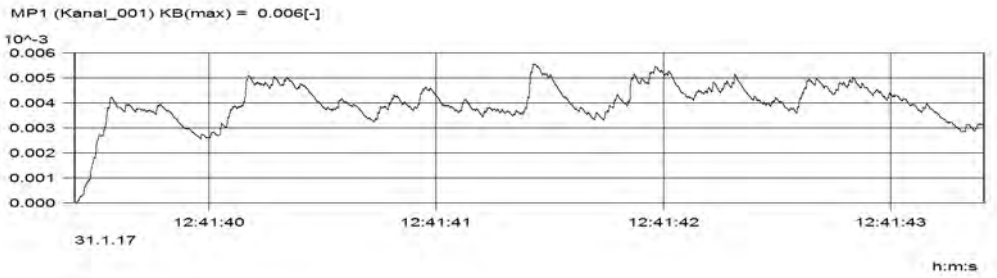
h:m:s

MP2 (Kanal\_002) v(max) = 0.025 mm/s



h:m:s

2017-01-31 12:41:27 (40): M8D Ri II

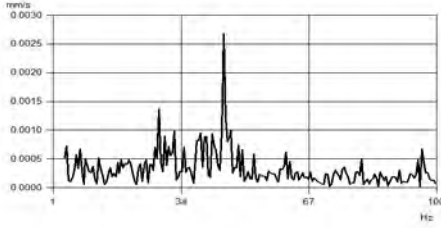


M8D Ri II

2017-01-31 12-41-27 (40)

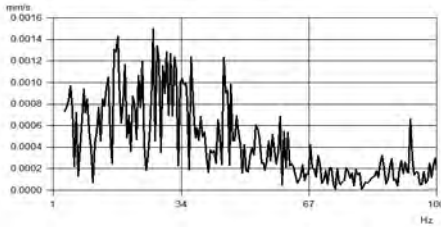
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

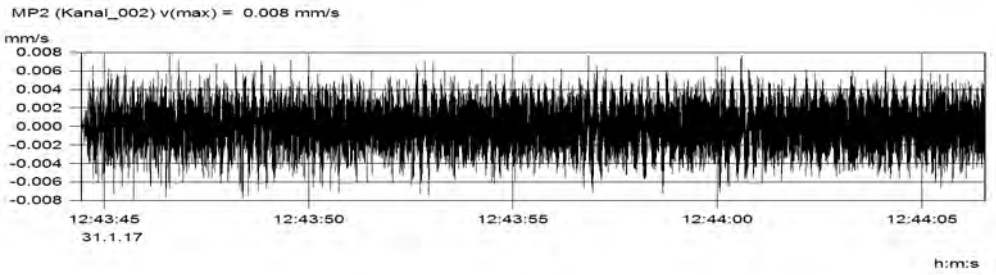
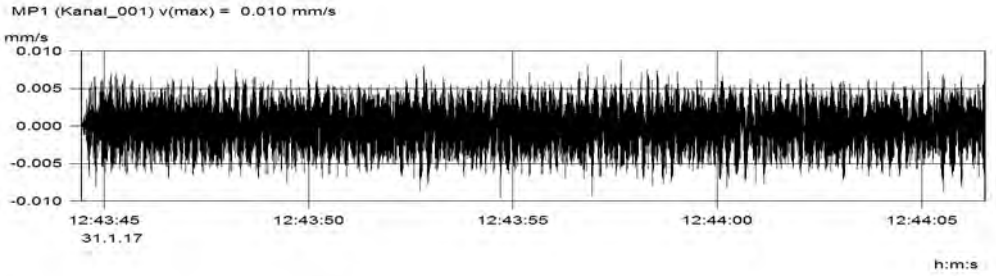


MP2 (Kanal\_002)

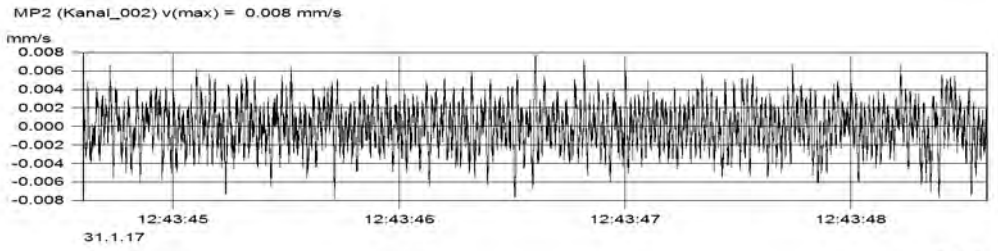
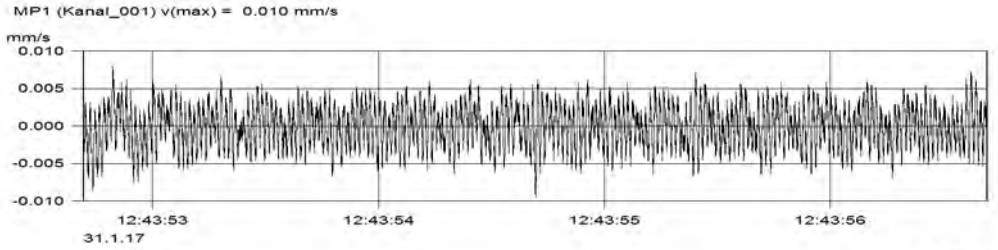
$f_e = 26.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



2017-01-31 12:41-56 (41): GruPe

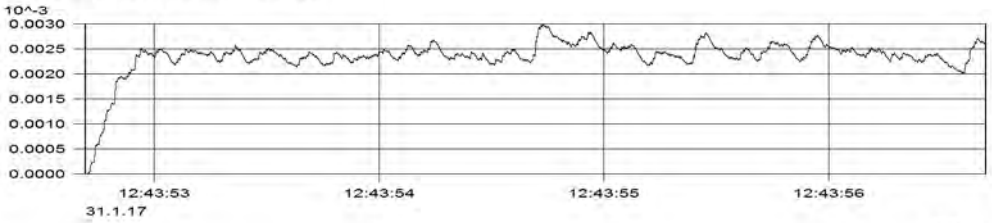


2017-01-31 12:41-56 (41): GruPe



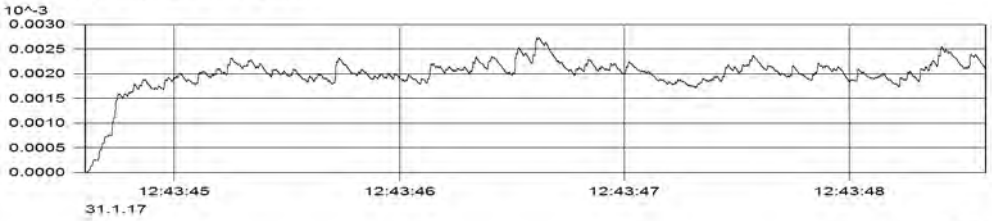
2017-01-31 12:41:56 (41): GruPe

MP1 (Kanal\_001) KB(max) = 0.003[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.003[-]



h:m:s

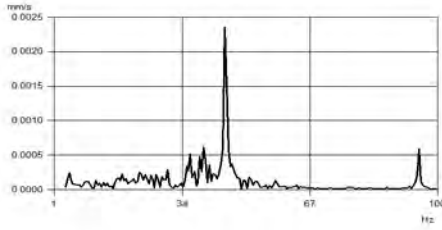


GruPe

2017-01-31 12-41-56 (41)

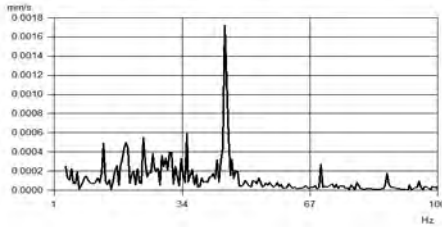
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

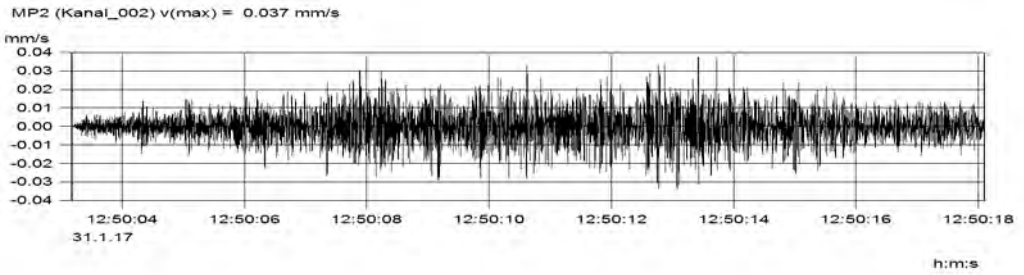
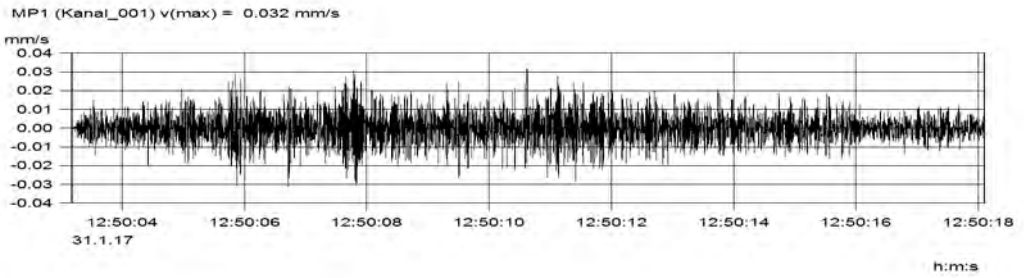


MP2 (Kanal\_002)

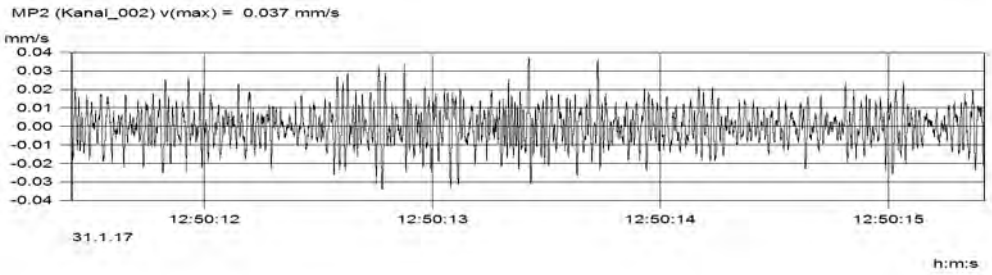
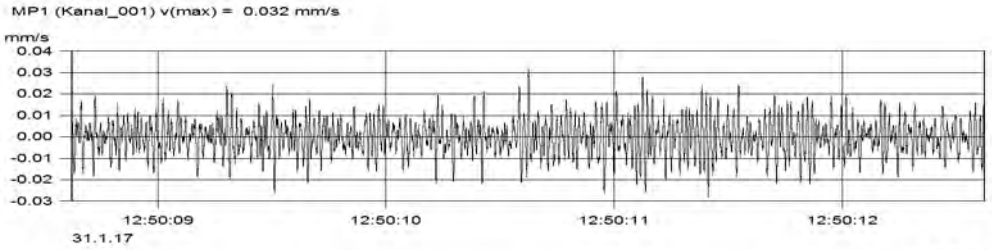
$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



2017-01-31 12:45-44 (42): M8D 3fach Ri I

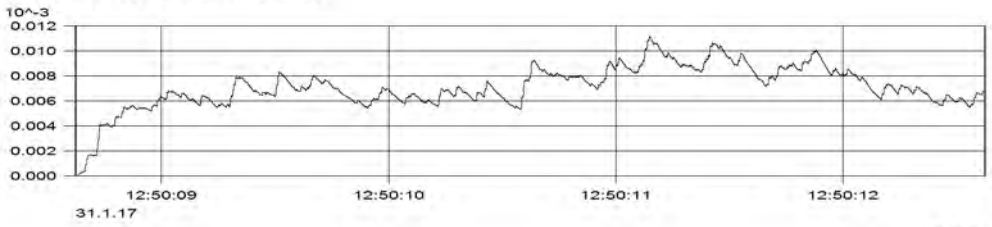


2017-01-31 12-45-44 (42): M8D 3fach Ri I

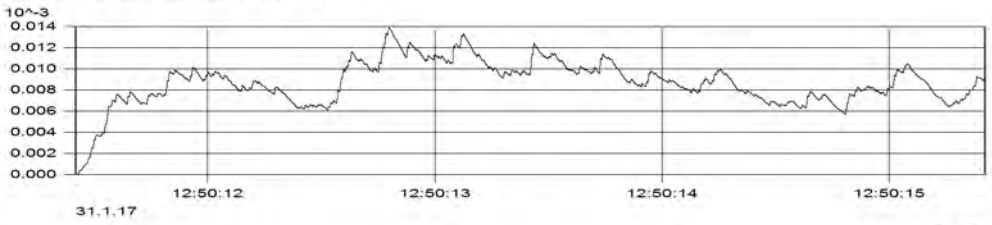


2017-01-31 12:45-44 (42): M8D 3fach Ri I

MP1 (Kanal\_001) KB(max) = 0.011[-]



MP2 (Kanal\_002) KB(max) = 0.014[-]

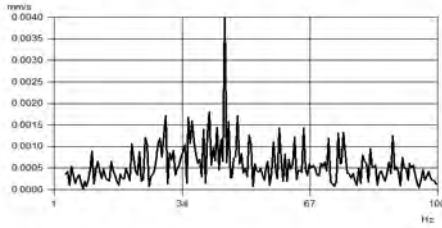


M8D 3fach Ri I

2017-01-31 12-45-44 (42)

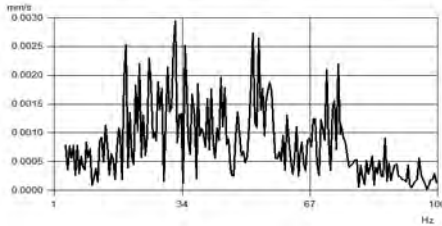
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$

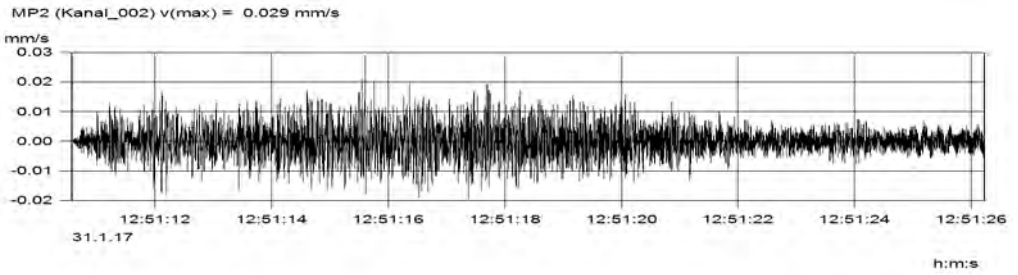
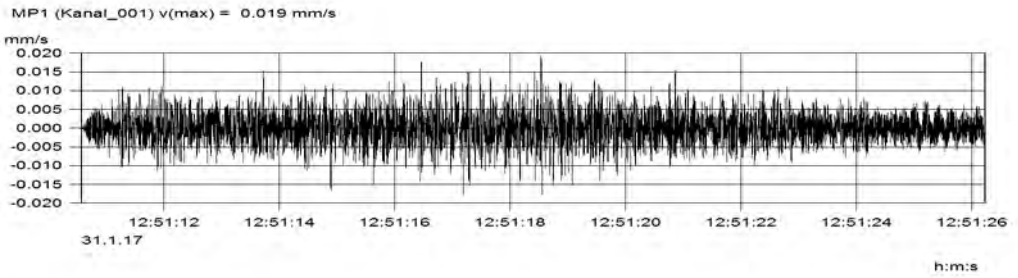


MP2 (Kanal\_002)

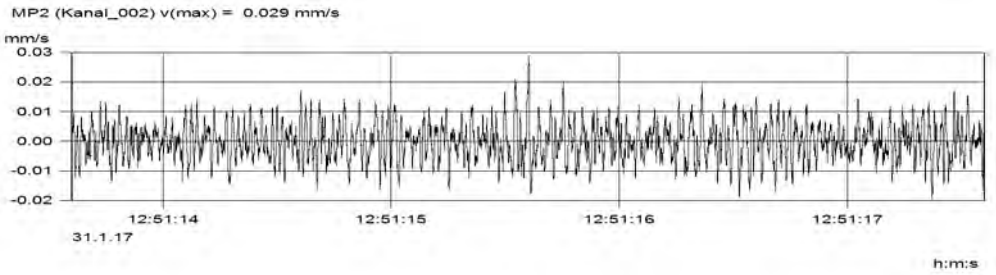
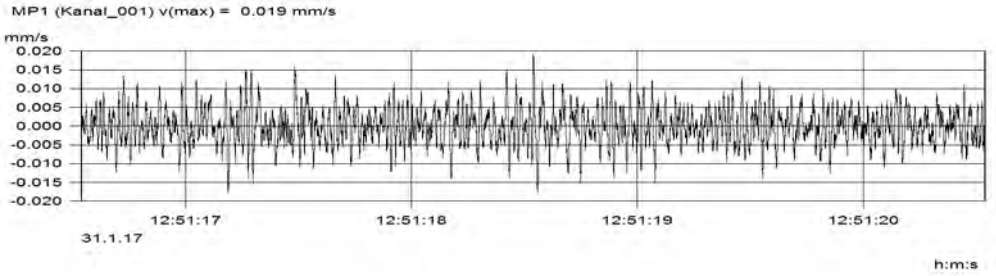
$f_e = 32.2 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



2017-01-31 12:50-26 (43): M8D Ri II

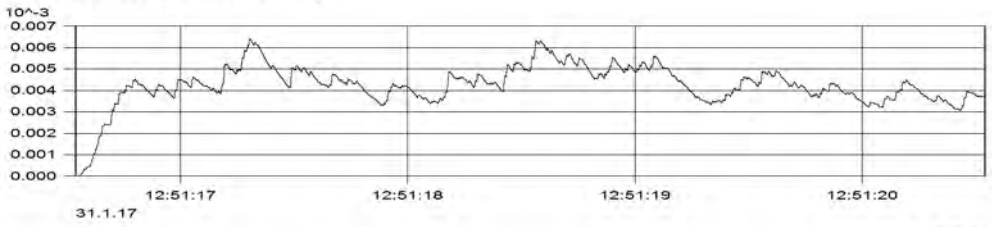


2017-01-31 12:50-26 (43): M8D Ri II



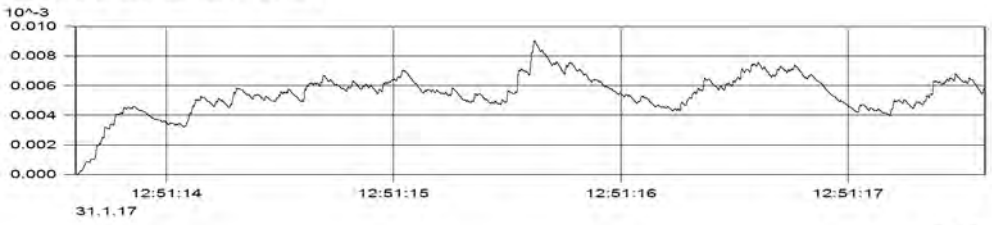
2017-01-31 12:50-26 (43): M8D Ri II

MP1 (Kanal\_001) KB(max) = 0.006[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.009[-]



h:m:s

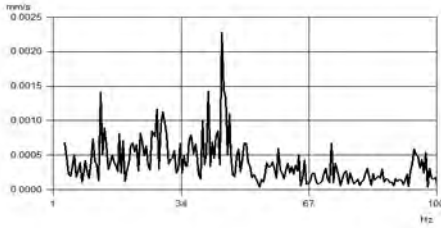


M8D Ri II

2017-01-31 12-50-26 (43)

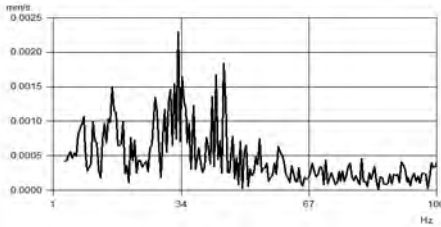
MP1 (Kanal\_001)

$f_e = 44.4 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

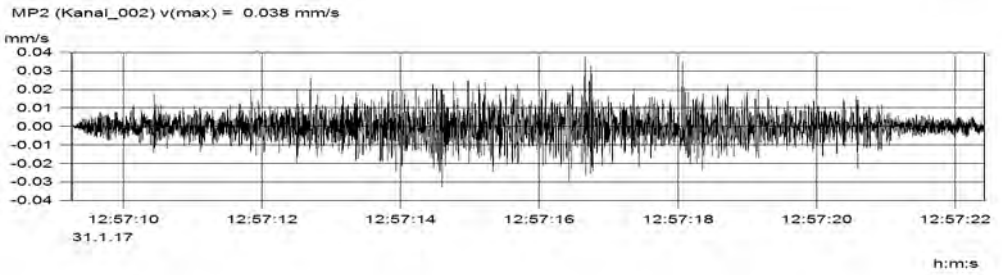
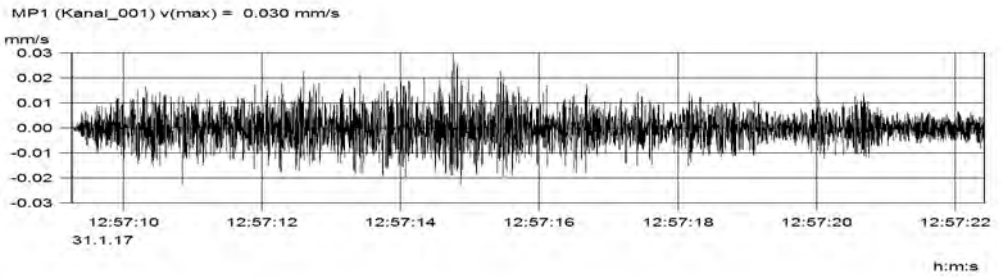


MP2 (Kanal\_002)

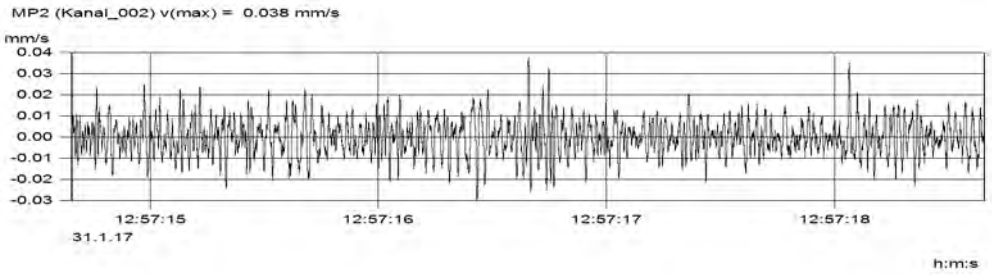
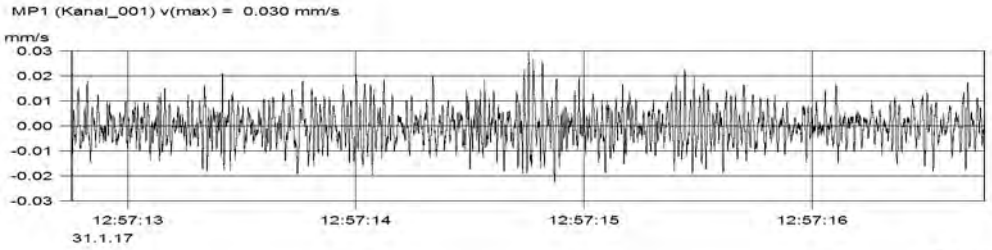
$f_e = 33.2 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



2017-01-31 12:51-33 (44): M8D Ri I

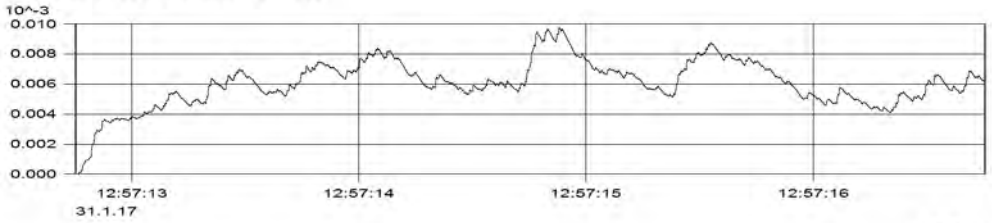


2017-01-31 12:51-33 (44): M8D Ri I



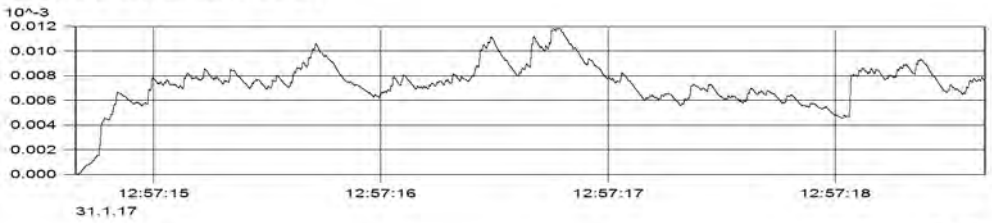
2017-01-31 12:51-33 (44): M8D Ri I

MP1 (Kanal\_001) KB(max) = 0.010[-]



h:m:s

MP2 (Kanal\_002) KB(max) = 0.012[-]



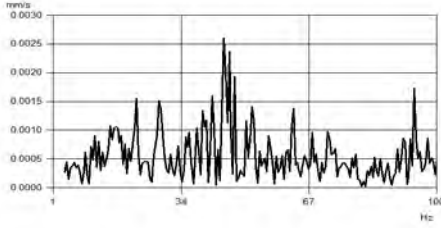
h:m:s

M8D Ri I

2017-01-31 12-51-33 (44)

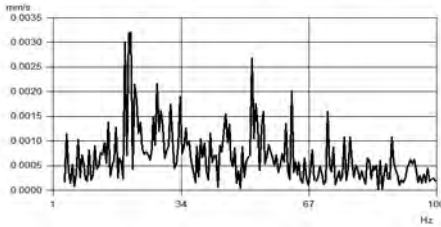
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



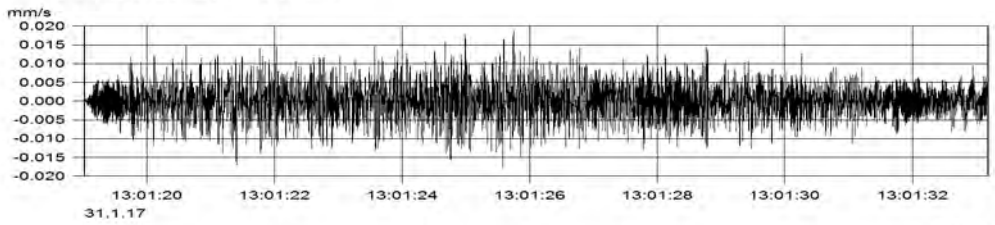
MP2 (Kanal\_002)

$f_e = 21.0 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



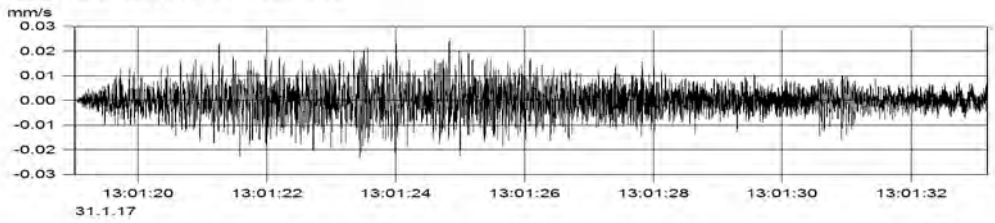
2017-01-31 12:57-28 (45): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.019 mm/s



h:m:s

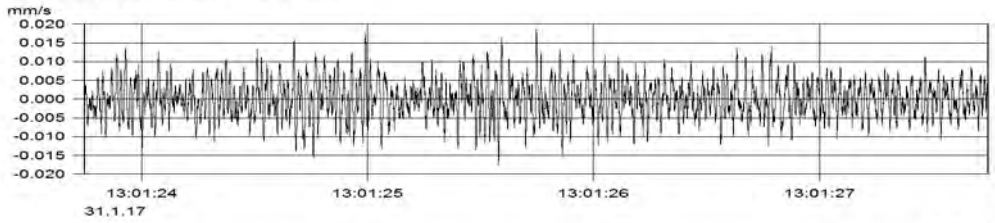
MP2 (Kanal\_002) v(max) = 0.024 mm/s



h:m:s

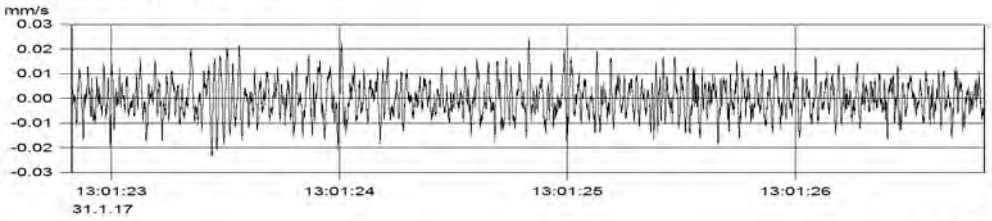
2017-01-31 12:57-28 (45): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.019 mm/s



h:m:s

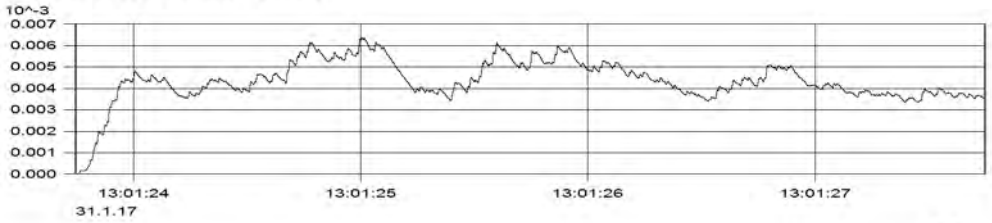
MP2 (Kanal\_002) v(max) = 0.024 mm/s



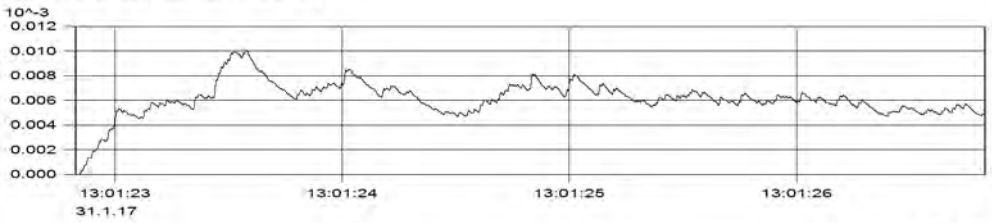
h:m:s

2017-01-31 12:57:28 (45): M8D Ri II

MP1 (Kanal\_001) KB(max) = 0.006[-]



MP2 (Kanal\_002) KB(max) = 0.010[-]



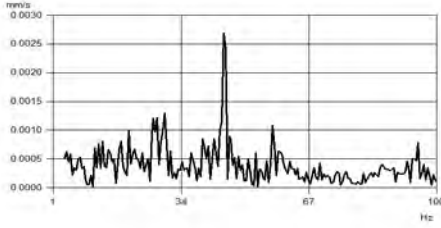


M8D Ri II

2017-01-31 12-57-28 (45)

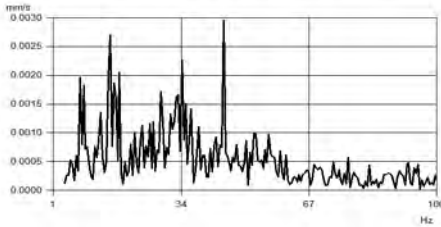
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



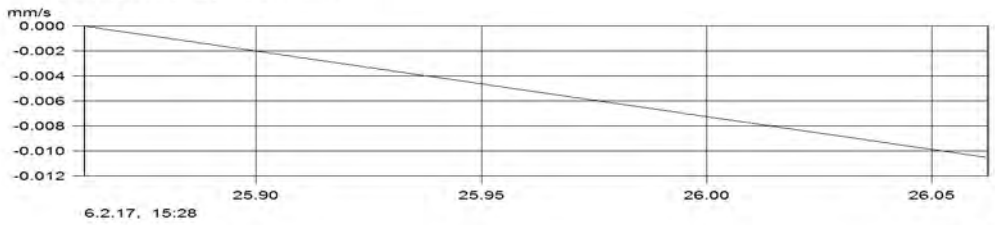
MP2 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



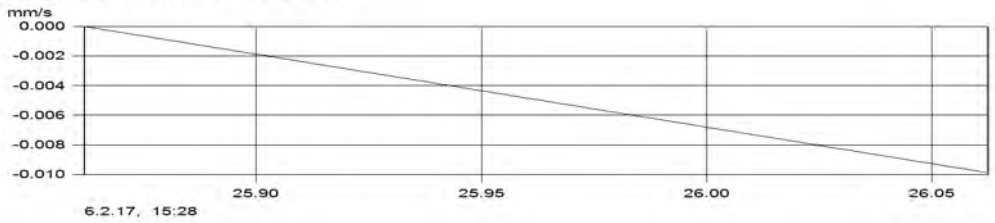
2017-01-31 13-01-45 (46): M8D 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.011 mm/s



s

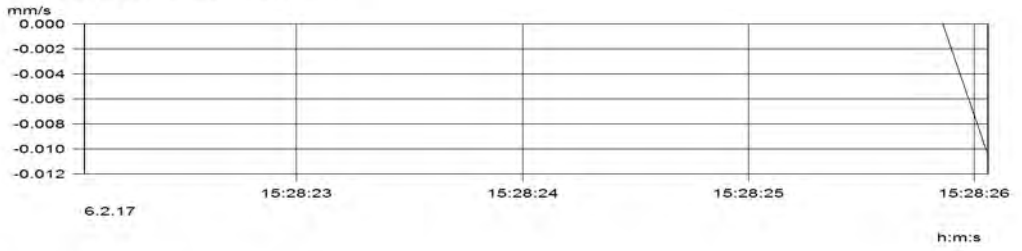
MP2 (Kanal\_002) v(max) = 0.010 mm/s



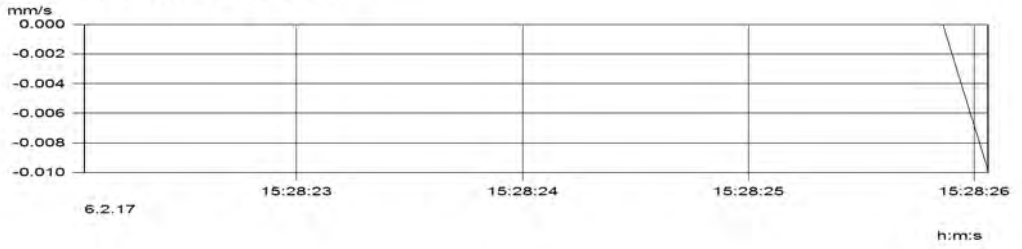
s

2017-01-31 13-01-45 (46): M8D 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.011 mm/s

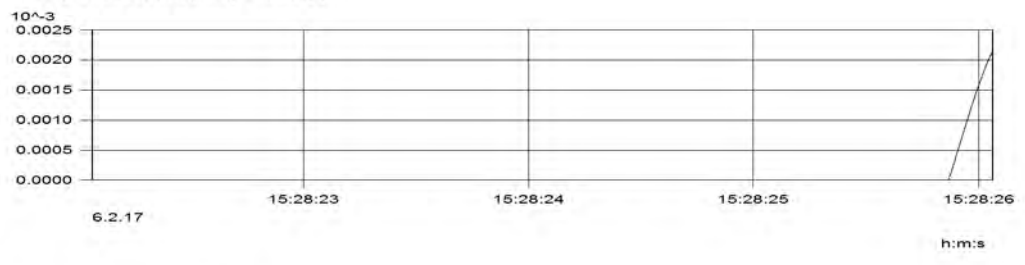


MP2 (Kanal\_002) v(max) = 0.010 mm/s

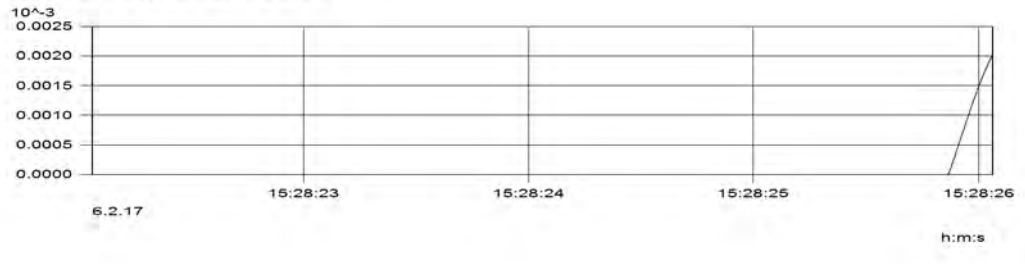


2017-01-31 13-01-45 (46): M8D 3fach Ri II

MP1 (Kanal\_001) KB(max) = 0.002[-]



MP2 (Kanal\_002) KB(max) = 0.002[-]

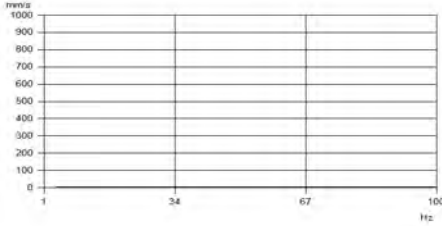


M8D 3fach Ri II

2017-01-31 13-01-45 (46)

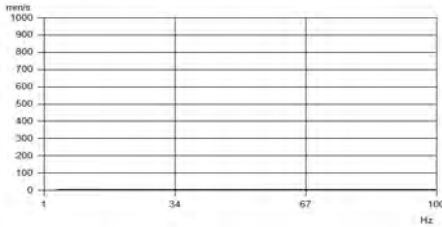
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



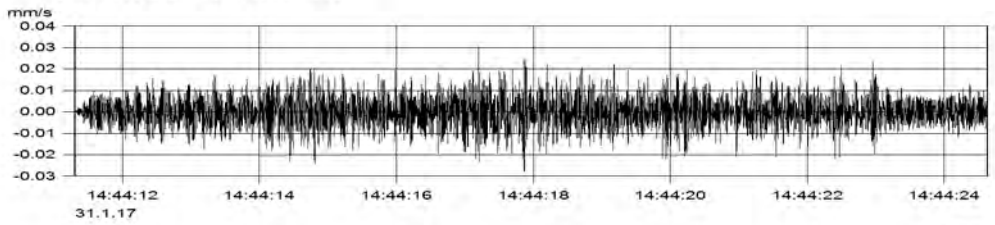
MP2 (Kanal\_002)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$

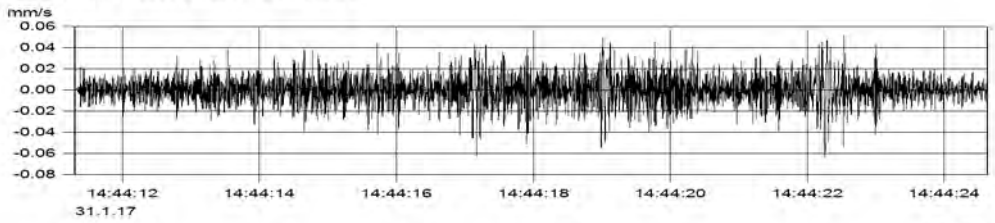


2017-01-31 14:41-54 (4): M8D Ri II

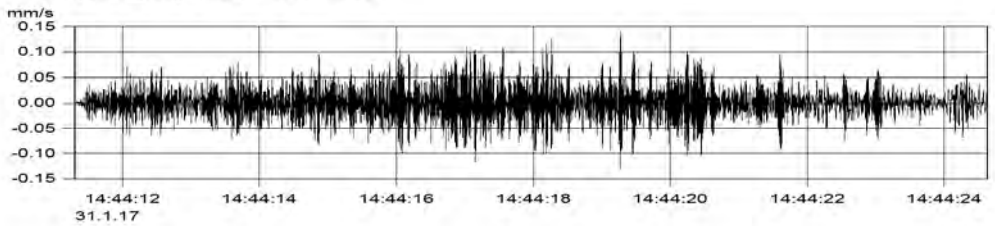
MP1 (Kanal\_001) v(max) = 0.030 mm/s



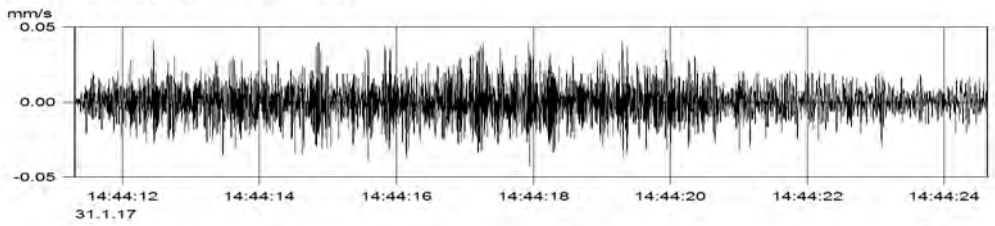
MP2.1 (Kanal\_002) v(max) = 0.064 mm/s



MP3.1 (Kanal\_003) v(max) = 0.141 mm/s

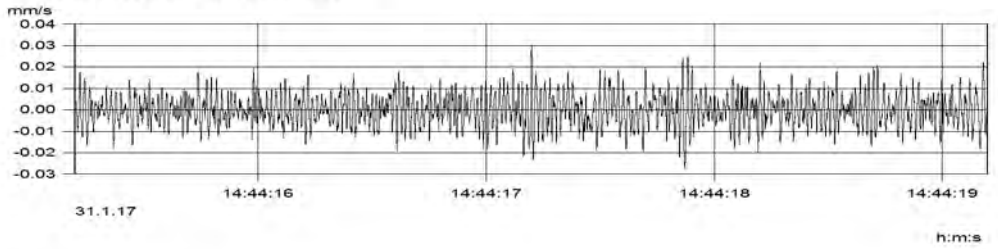


MP3.2 (Kanal\_004) v(max) = 0.043 mm/s

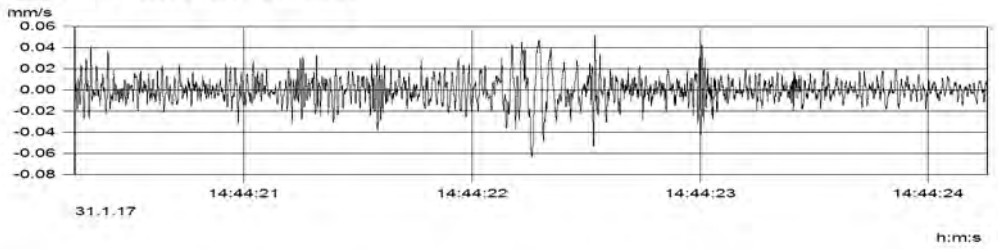


2017-01-31 14:41-54 (4): M8D Ri II

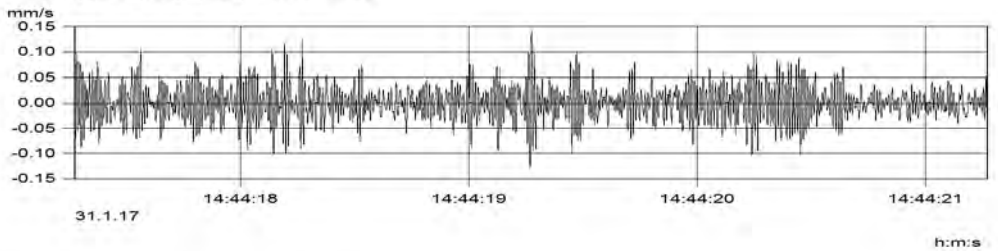
MP1 (Kanal\_001) v(max) = 0.030 mm/s



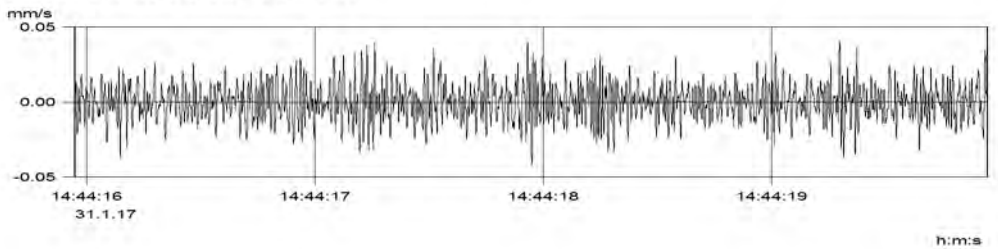
MP2.1 (Kanal\_002) v(max) = 0.064 mm/s



MP3.1 (Kanal\_003) v(max) = 0.141 mm/s

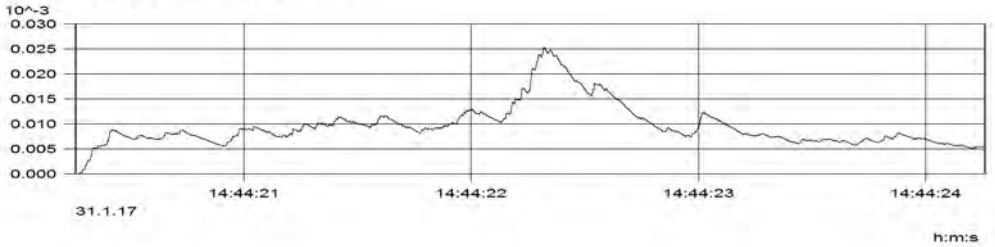


MP3.2 (Kanal\_004) v(max) = 0.043 mm/s

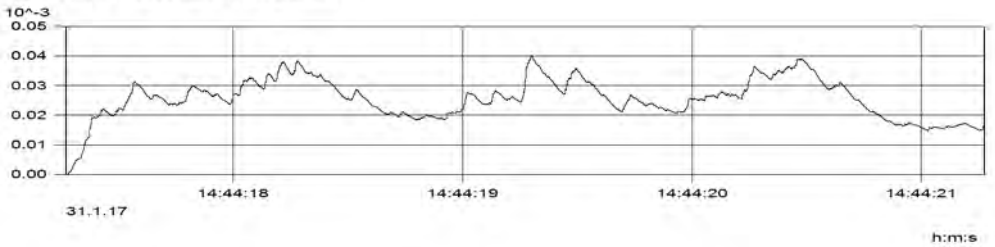


2017-01-31 14:41-54 (4): M8D Ri II

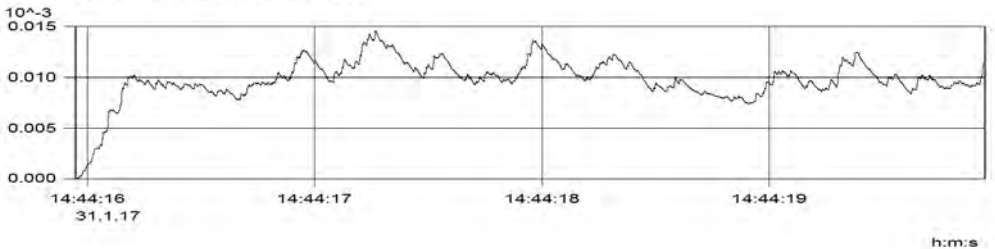
MP2.1 (Kanal\_002) KB(max) = 0.025[-]



MP3.1 (Kanal\_003) KB(max) = 0.040[-]



MP3.2 (Kanal\_004) KB(max) = 0.015[-]



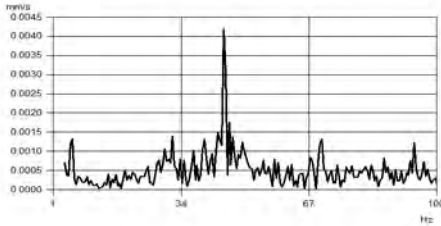


M8D Ri II

2017-01-31 14-41-54 (4)

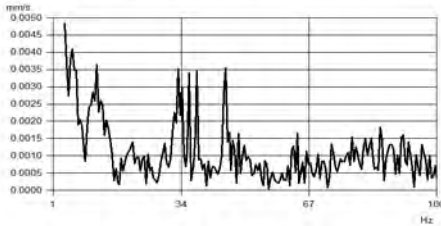
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



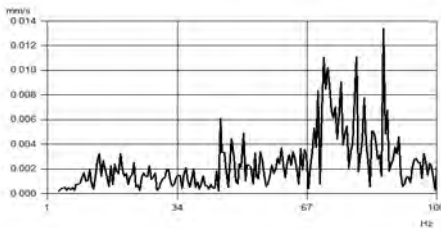
MP2.1 (Kanal\_002)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



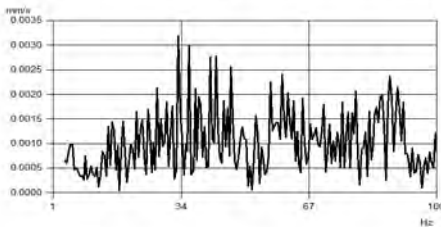
MP3.1 (Kanal\_003)

$f_e = 86.4 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$



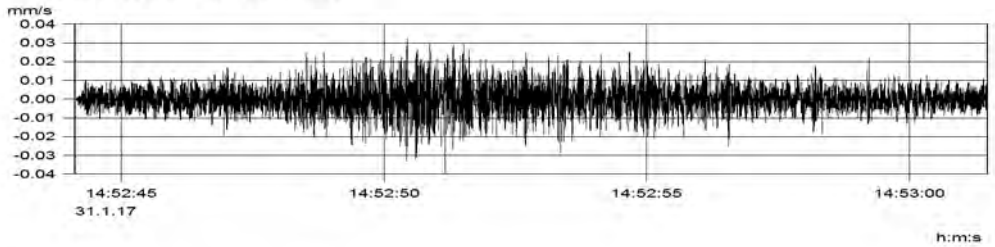
MP3.2 (Kanal\_004)

$f_e = 33.2 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

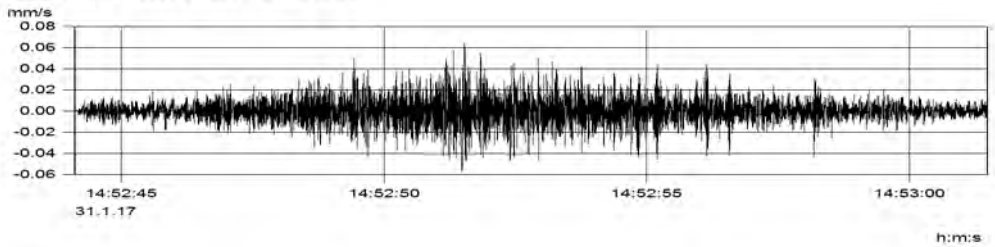


2017-01-31 14:47-05 (6): M8D Ri II

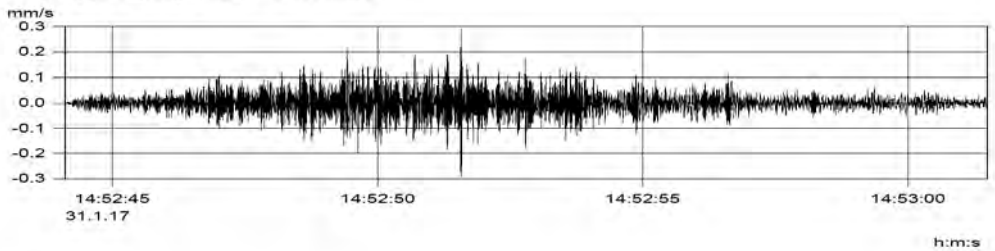
MP1 (Kanal\_001) v(max) = 0.040 mm/s



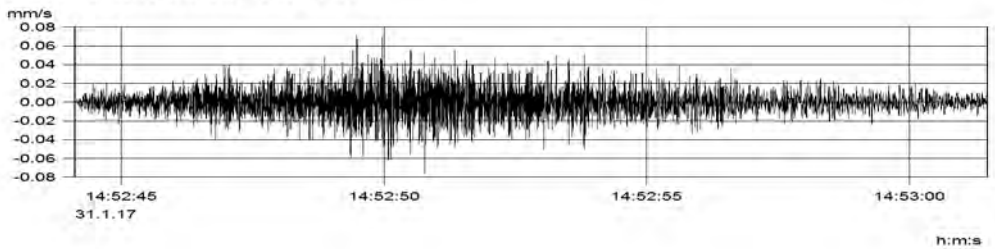
MP2.1 (Kanal\_002) v(max) = 0.065 mm/s



MP3.1 (Kanal\_003) v(max) = 0.293 mm/s

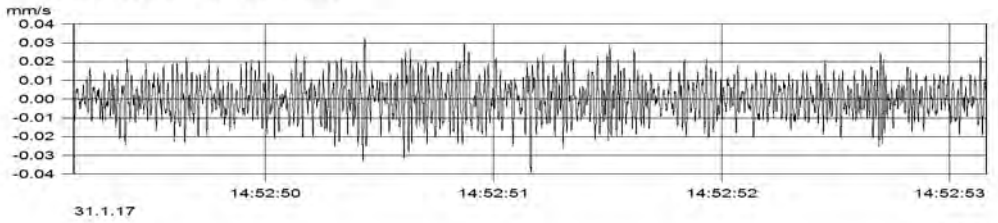


MP3.2 (Kanal\_004) v(max) = 0.076 mm/s



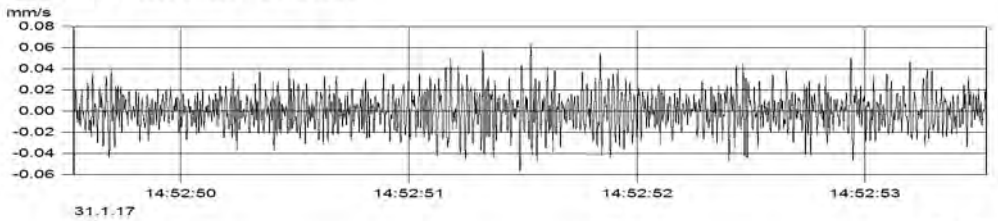
2017-01-31 14:47-05 (6): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.040 mm/s



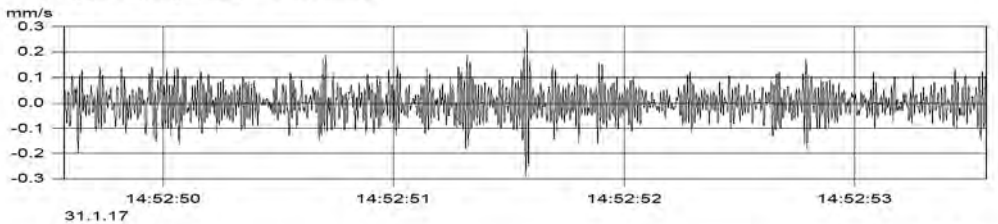
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.065 mm/s



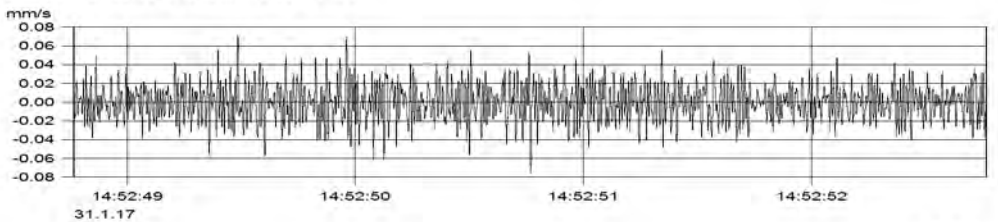
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.293 mm/s



h:m:s

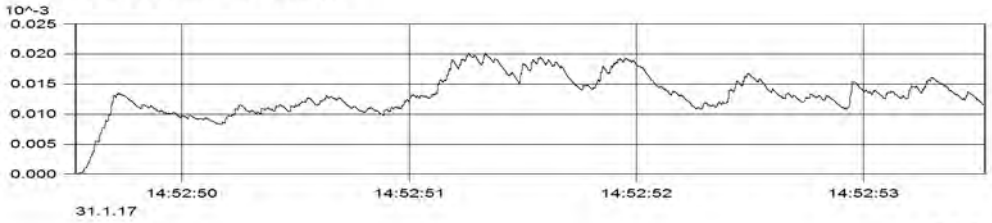
MP3.2 (Kanal\_004) v(max) = 0.076 mm/s



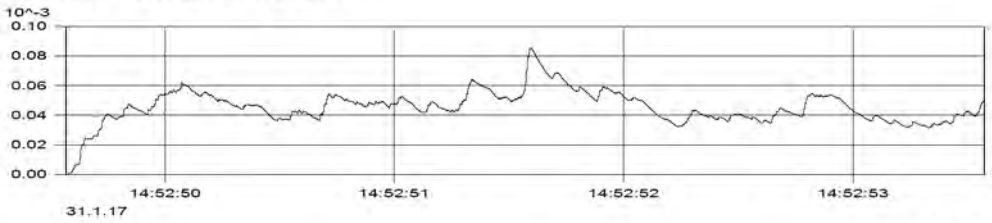
h:m:s

2017-01-31 14:47-05 (6): M8D Ri II

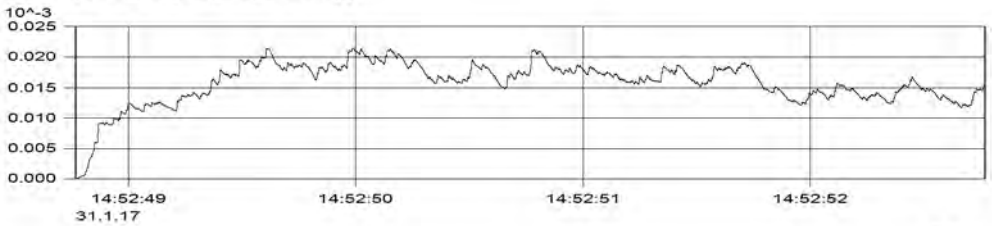
MP2.1 (Kanal\_002) KB(max) = 0.020[-]



MP3.1 (Kanal\_003) KB(max) = 0.086[-]



MP3.2 (Kanal\_004) KB(max) = 0.022[-]

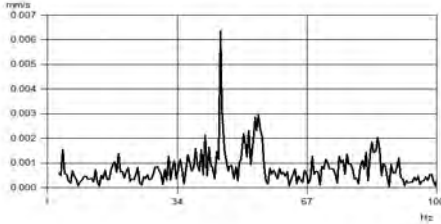


M8D Ri II

2017-01-31 14-47-05 (6)

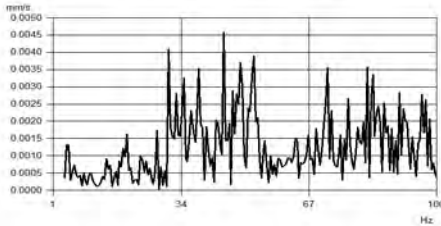
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



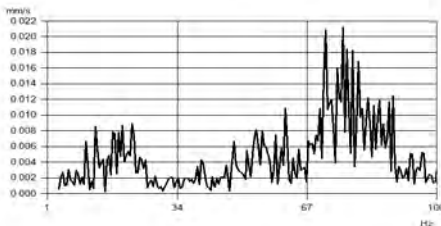
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



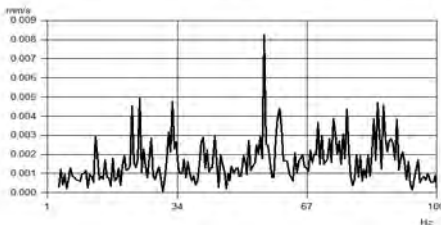
MP3.1 (Kanal\_003)

$f_e = 76.2 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



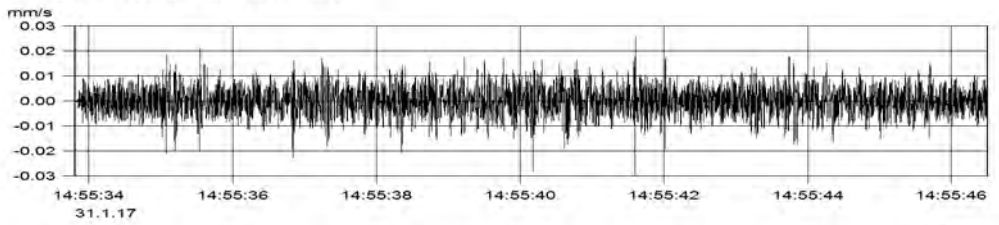
MP3.2 (Kanal\_004)

$f_e = 56.2 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



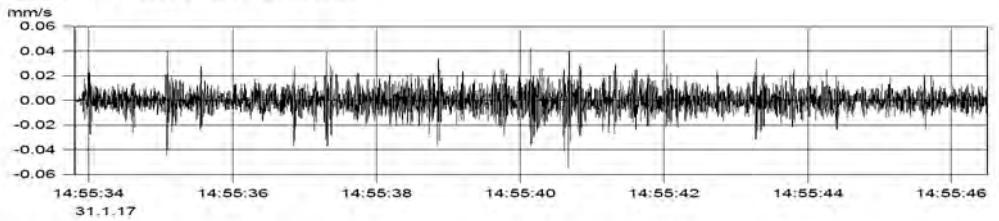
2017-01-31 14:53-07 (7): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.030 mm/s



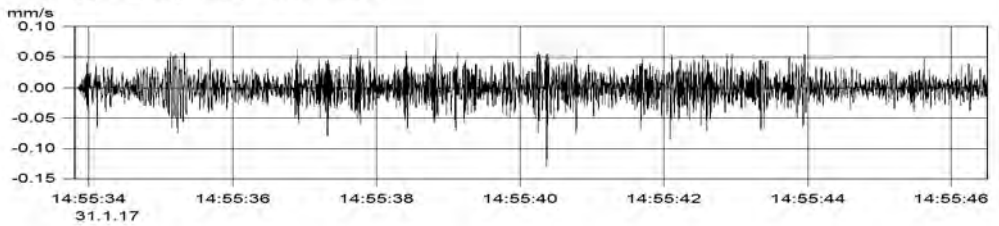
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.055 mm/s



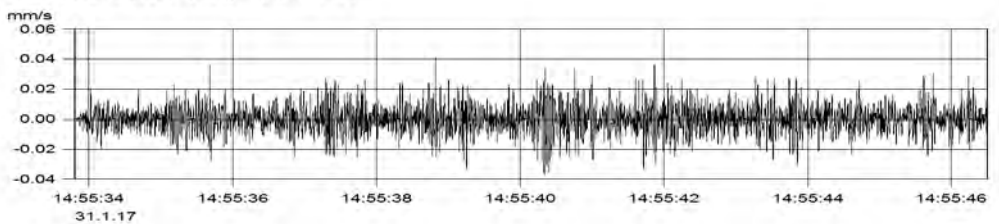
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.131 mm/s



h:m:s

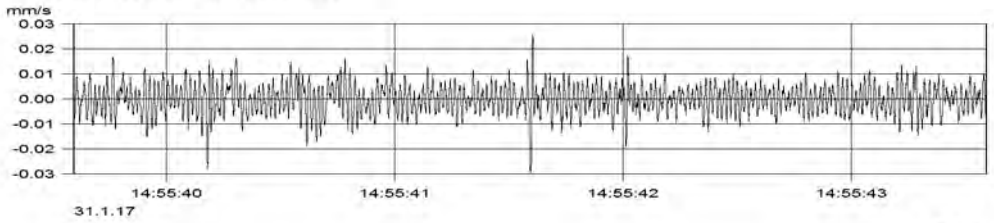
MP3.2 (Kanal\_004) v(max) = 0.041 mm/s



h:m:s

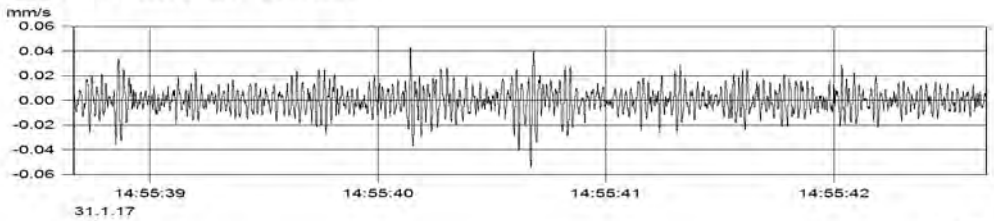
2017-01-31 14:53-07 (7): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.030 mm/s



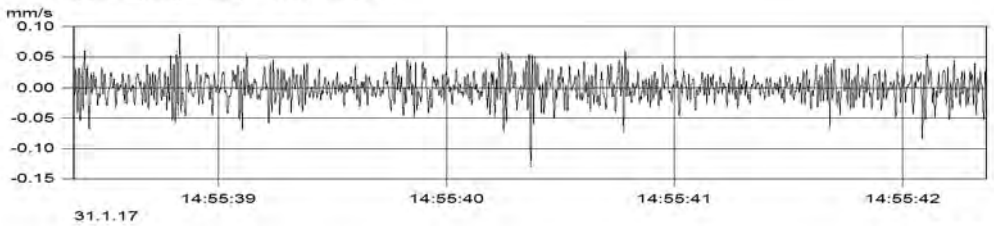
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.055 mm/s



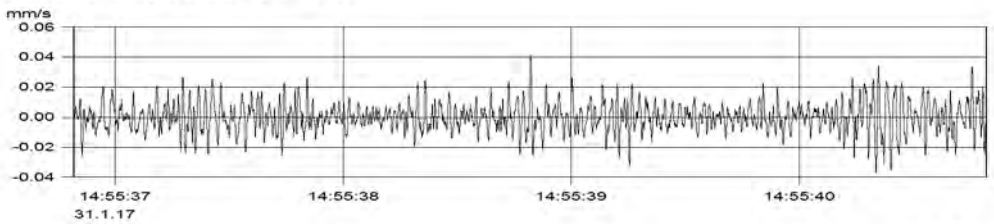
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.131 mm/s



h:m:s

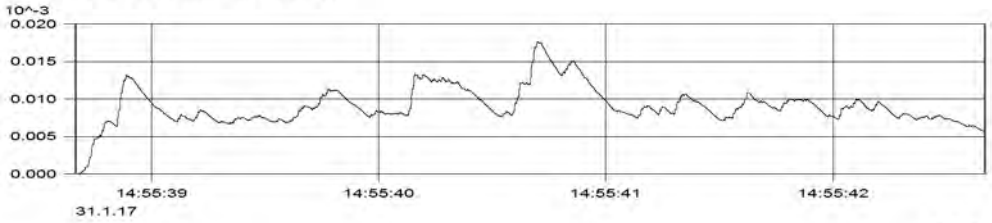
MP3.2 (Kanal\_004) v(max) = 0.041 mm/s



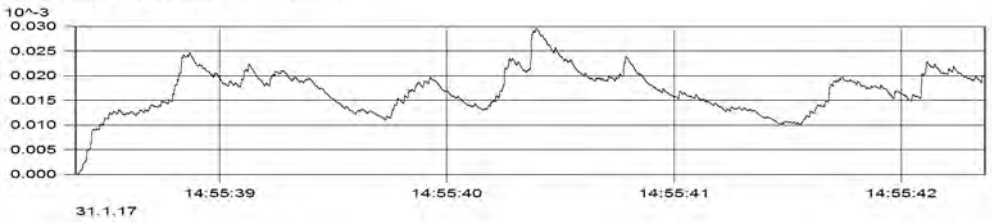
h:m:s

2017-01-31 14:53-07 (7): M8D Ri I

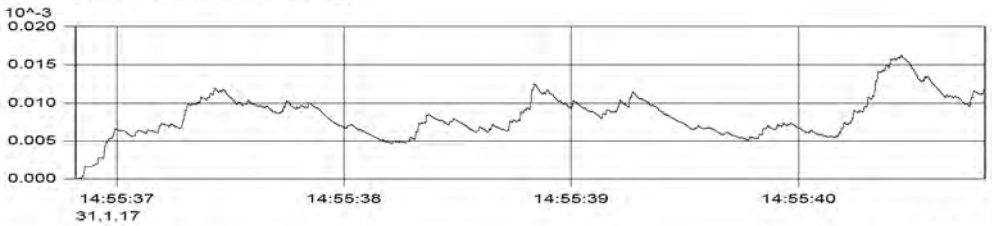
MP2.1 (Kanal\_002) KB(max) = 0.018[-]



MP3.1 (Kanal\_003) KB(max) = 0.030[-]



MP3.2 (Kanal\_004) KB(max) = 0.016[-]



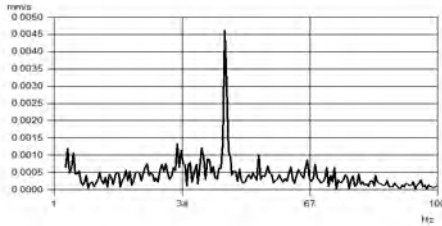


M8D Ri I

2017-01-31 14-53-07 (7)

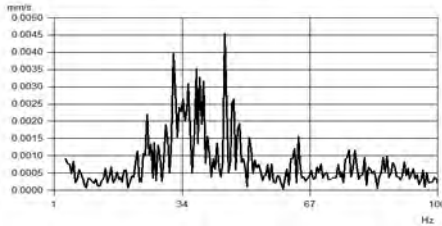
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



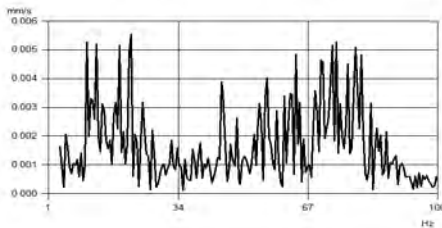
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



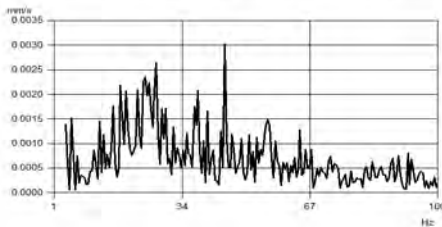
MP3.1 (Kanal\_003)

$f_e = 22.0 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



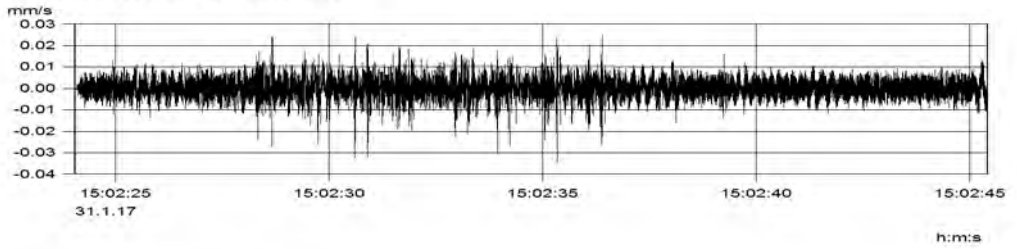
MP3.2 (Kanal\_004)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

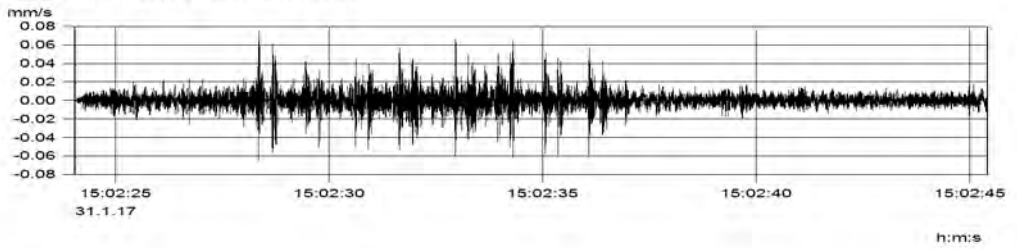


2017-01-31 14-56-03 (8): M8D Ri I

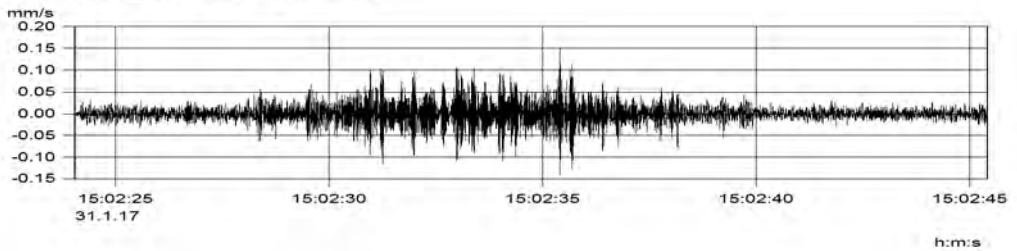
MP1 (Kanal\_001) v(max) = 0.035 mm/s



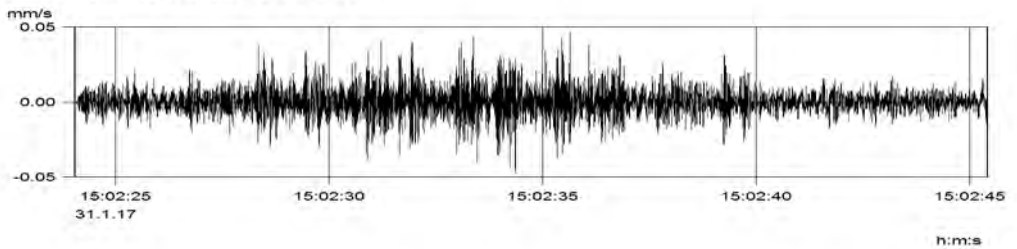
MP2.1 (Kanal\_002) v(max) = 0.075 mm/s



MP3.1 (Kanal\_003) v(max) = 0.151 mm/s

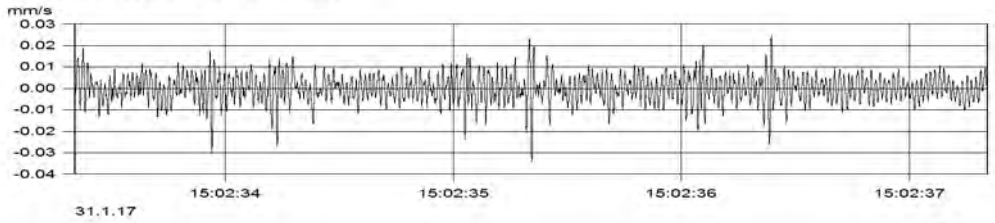


MP3.2 (Kanal\_004) v(max) = 0.048 mm/s



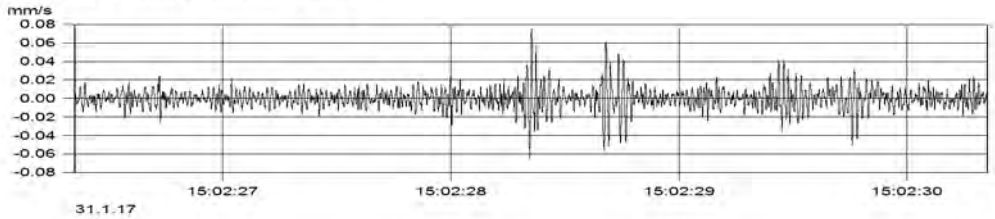
2017-01-31 14-56-03 (8): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.035 mm/s



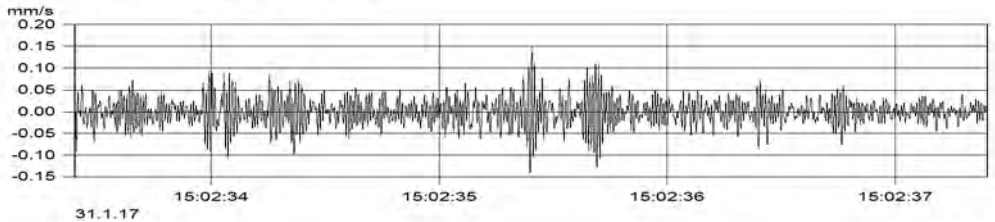
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.075 mm/s



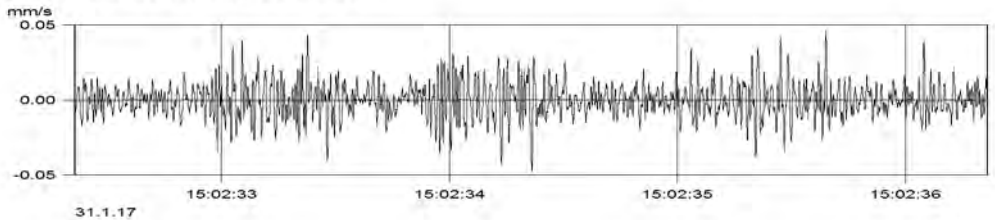
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.151 mm/s



h:m:s

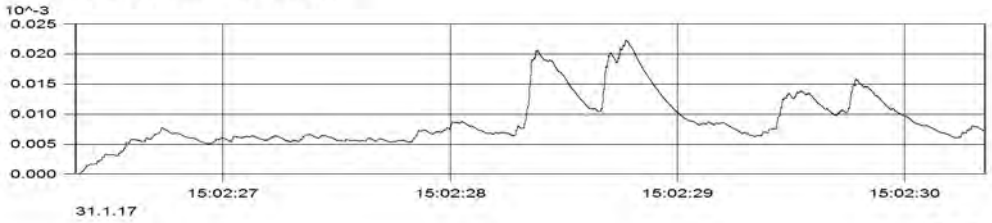
MP3.2 (Kanal\_004) v(max) = 0.048 mm/s



h:m:s

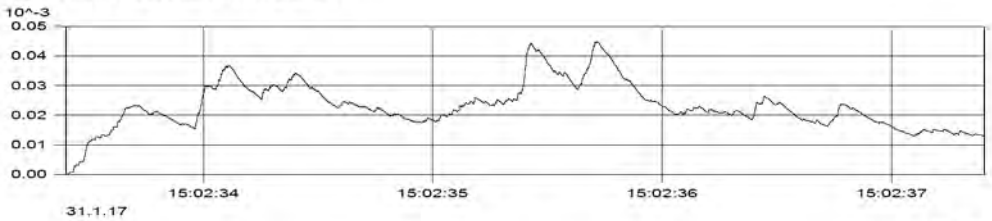
2017-01-31 14-56-03 (8): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.022[-]



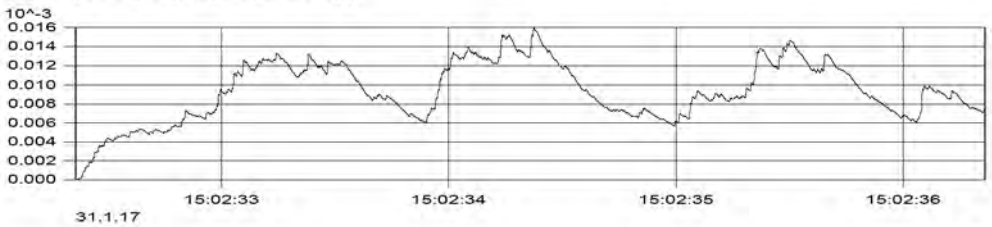
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.045[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.016[-]



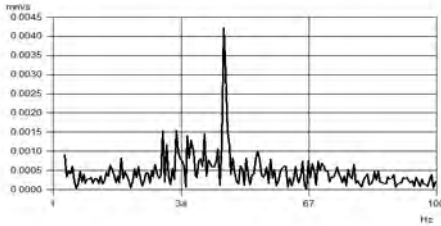
h:m:s

M8D Ri I

2017-01-31 14-56-03 (8)

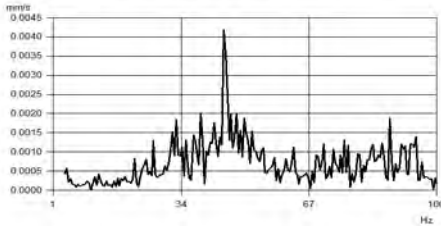
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



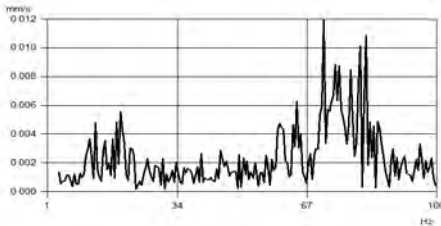
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



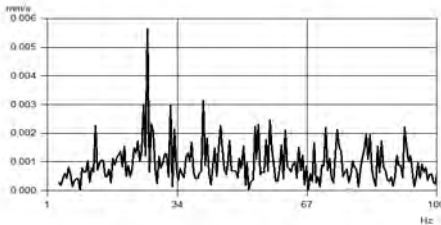
MP3.1 (Kanal\_003)

$f_e = 71.3 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



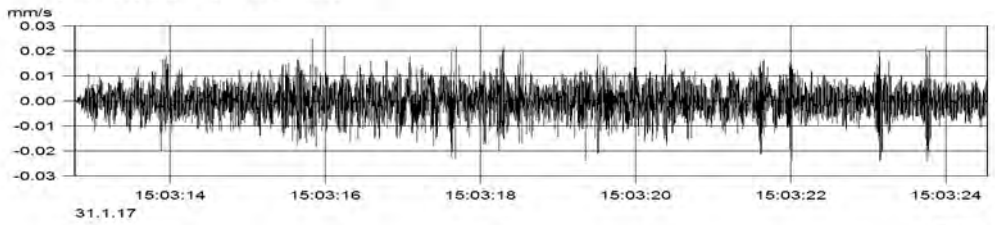
MP3.2 (Kanal\_004)

$f_e = 26.4 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$

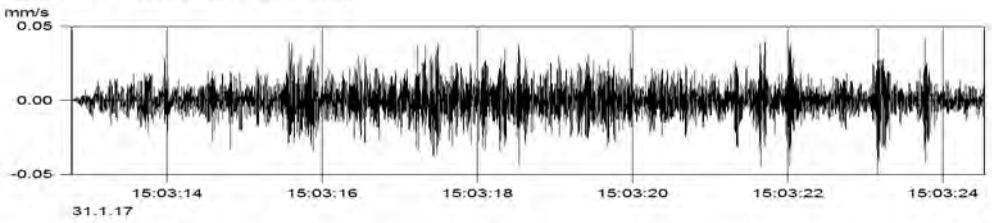


2017-01-31 15:03:11 (9): M8D Ri II

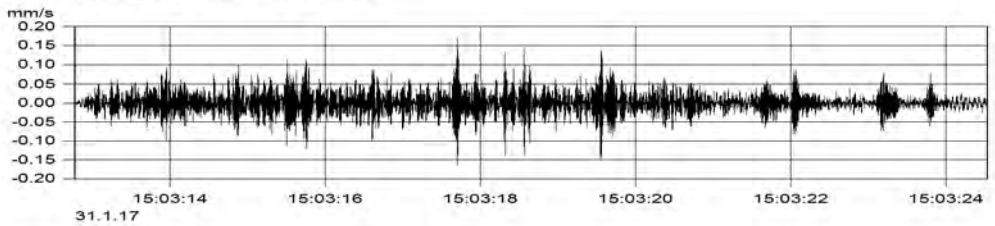
MP1 (Kanal\_001) v(max) = 0.025 mm/s



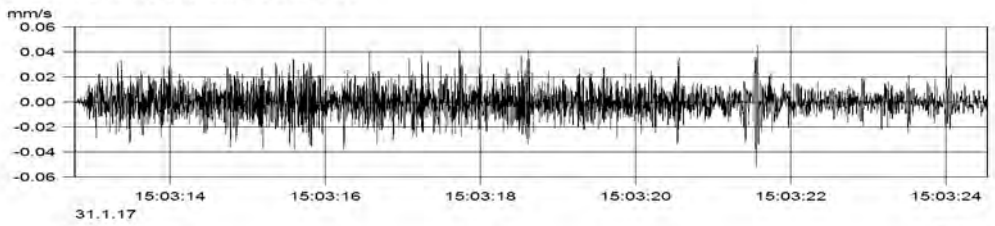
MP2.1 (Kanal\_002) v(max) = 0.050 mm/s



MP3.1 (Kanal\_003) v(max) = 0.169 mm/s



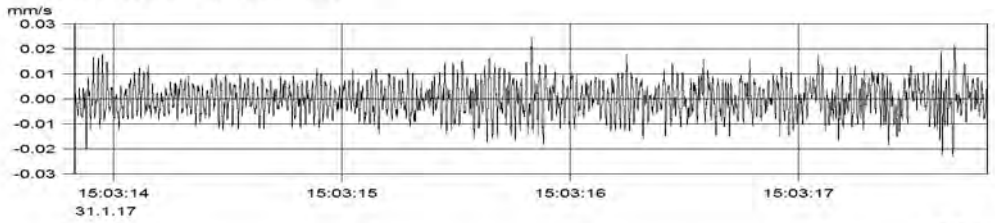
MP3.2 (Kanal\_004) v(max) = 0.052 mm/s



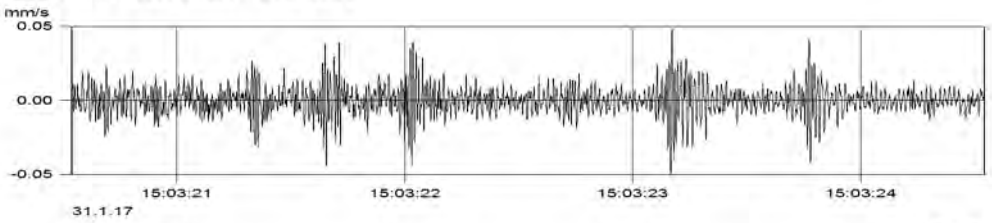


2017-01-31 15:03:11 (9): M8D Ri II

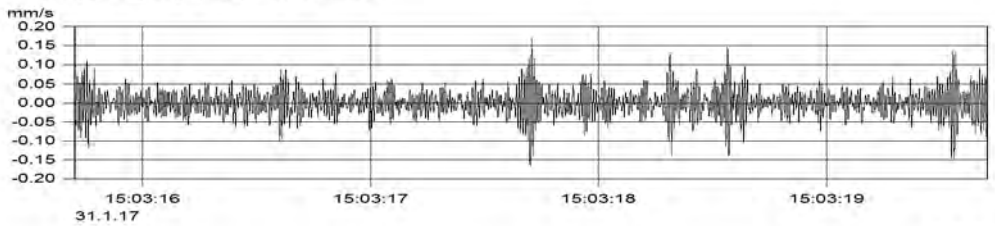
MP1 (Kanal\_001) v(max) = 0.025 mm/s



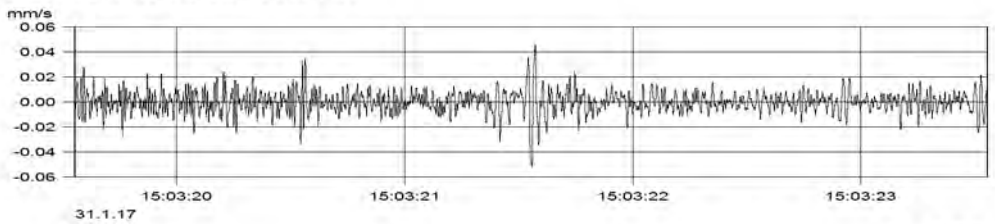
MP2.1 (Kanal\_002) v(max) = 0.050 mm/s



MP3.1 (Kanal\_003) v(max) = 0.169 mm/s

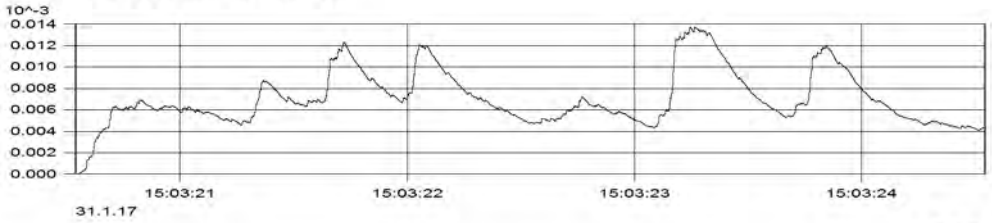


MP3.2 (Kanal\_004) v(max) = 0.052 mm/s



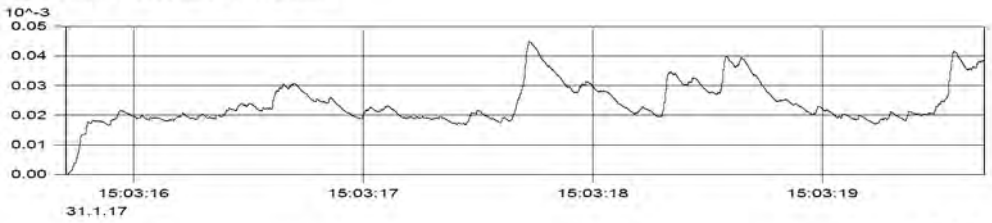
2017-01-31 15:03:11 (9): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.014[-]



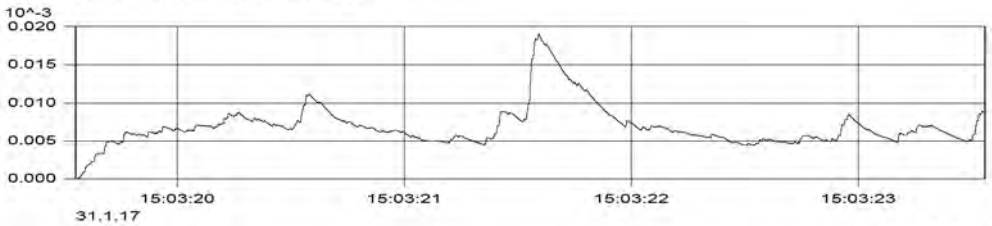
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.045[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.019[-]



h:m:s

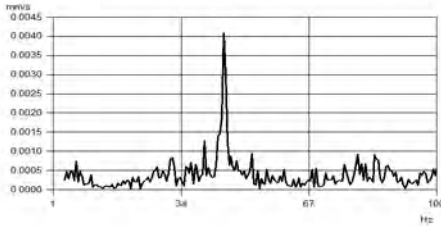


M8D Ri II

2017-01-31 15-03-11 (9)

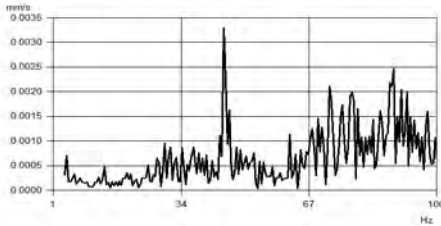
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



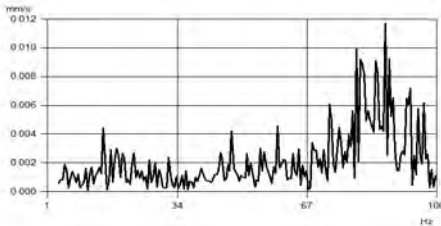
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



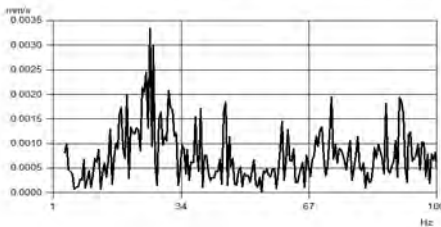
MP3.1 (Kanal\_003)

$f_e = 86.9 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



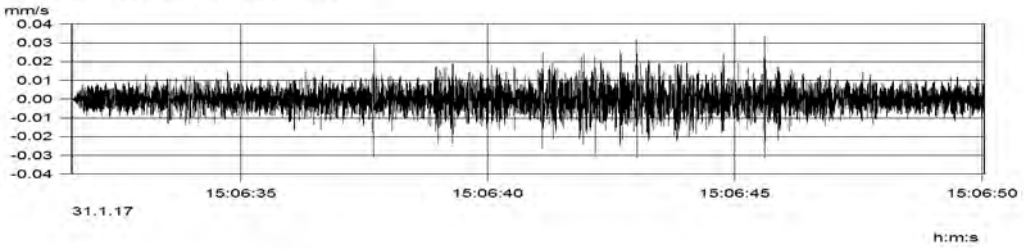
MP3.2 (Kanal\_004)

$f_e = 25.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

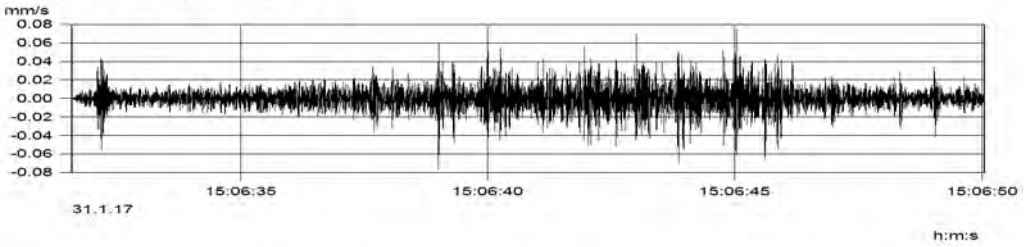


2017-01-31 15:05:51 (11): M8D Ri I

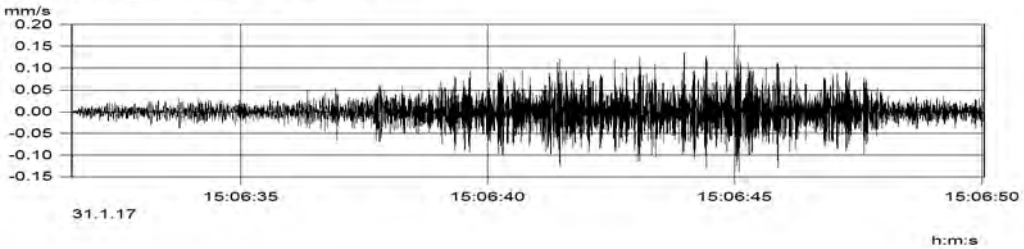
MP1 (Kanal\_001) v(max) = 0.034 mm/s



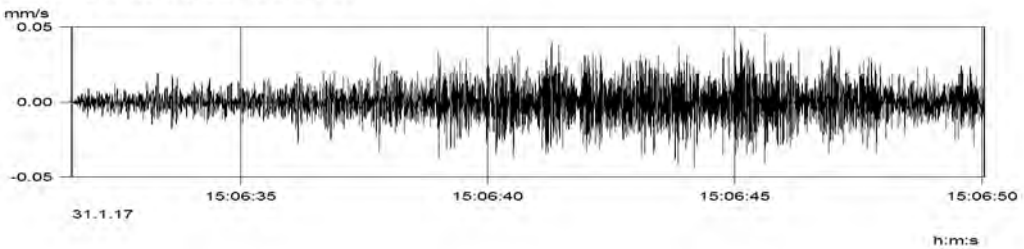
MP2.1 (Kanal\_002) v(max) = 0.077 mm/s



MP3.1 (Kanal\_003) v(max) = 0.153 mm/s

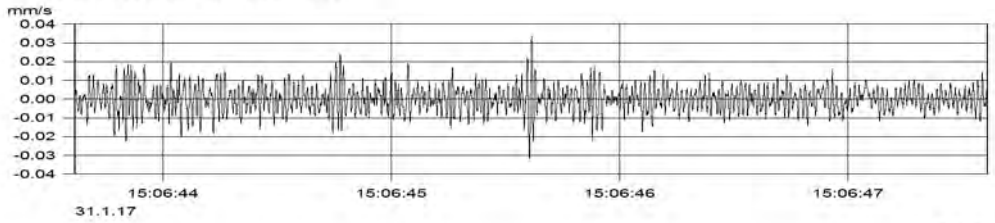


MP3.2 (Kanal\_004) v(max) = 0.045 mm/s



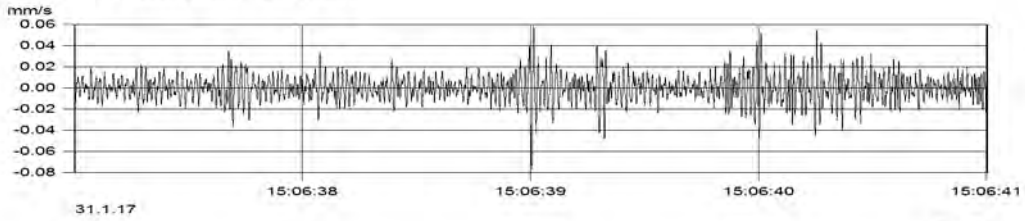
2017-01-31 15:05-51 (11): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.034 mm/s



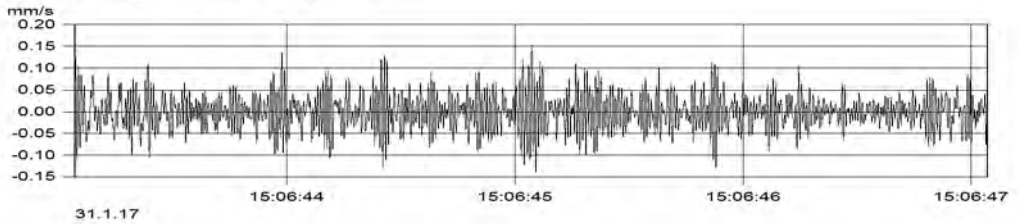
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.077 mm/s



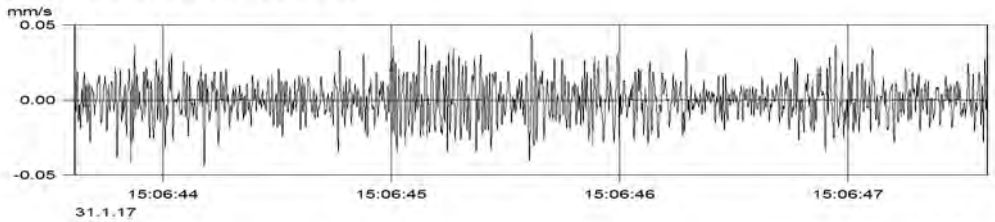
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.153 mm/s



h:m:s

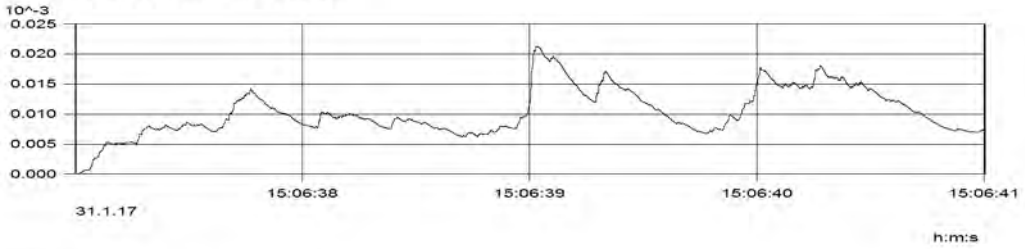
MP3.2 (Kanal\_004) v(max) = 0.045 mm/s



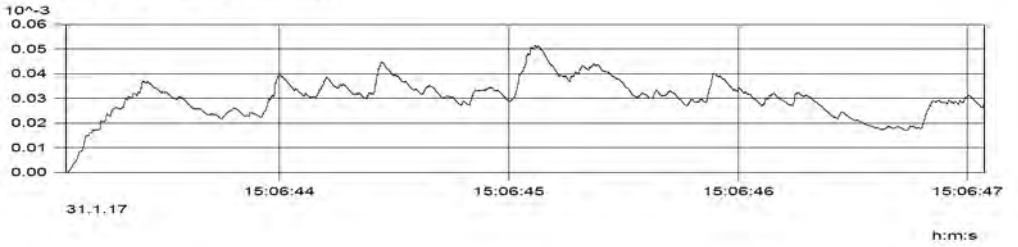
h:m:s

2017-01-31 15:05-51 (11): M8D Ri I

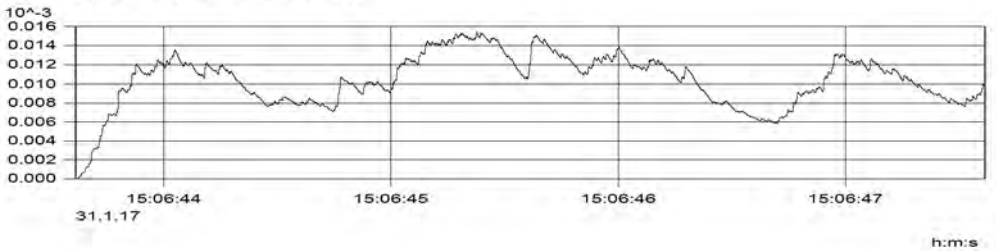
MP2.1 (Kanal\_002) KB(max) = 0.021[-]



MP3.1 (Kanal\_003) KB(max) = 0.052[-]



MP3.2 (Kanal\_004) KB(max) = 0.015[-]

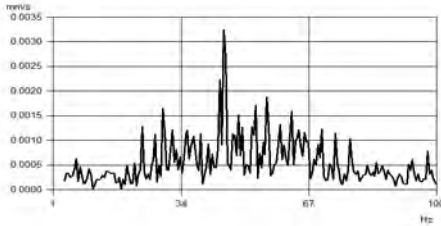


M8D Ri I

2017-01-31 15-05-51 (11)

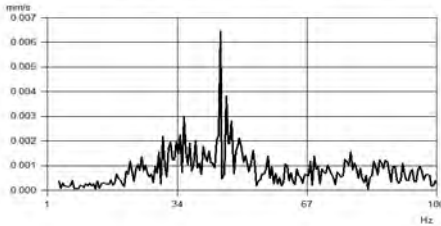
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



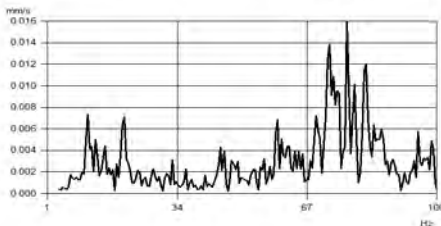
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



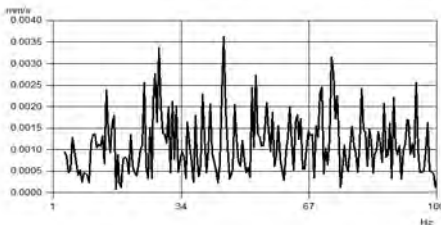
MP3.1 (Kanal\_003)

$f_e = 77.1 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



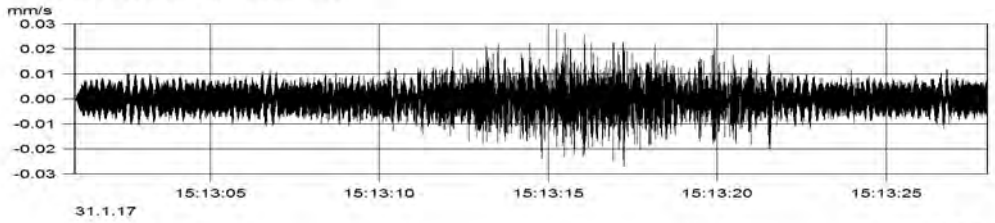
MP3.2 (Kanal\_004)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



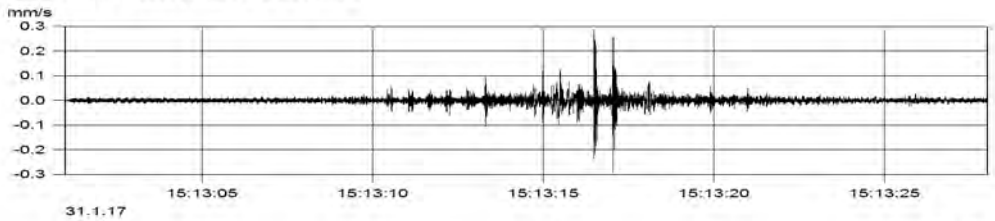
2017-01-31 15-07-05 (12): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.028 mm/s



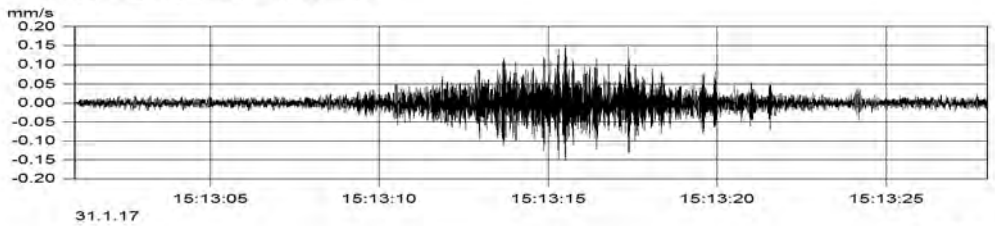
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.291 mm/s



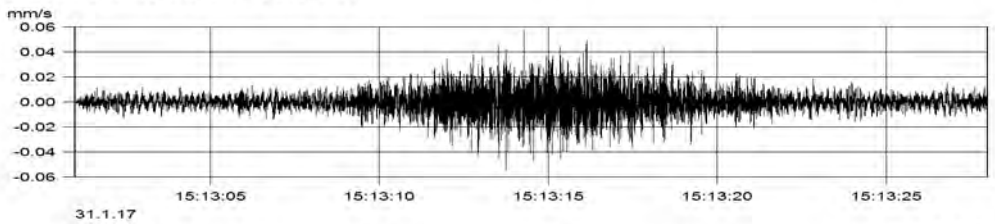
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.153 mm/s



h:m:s

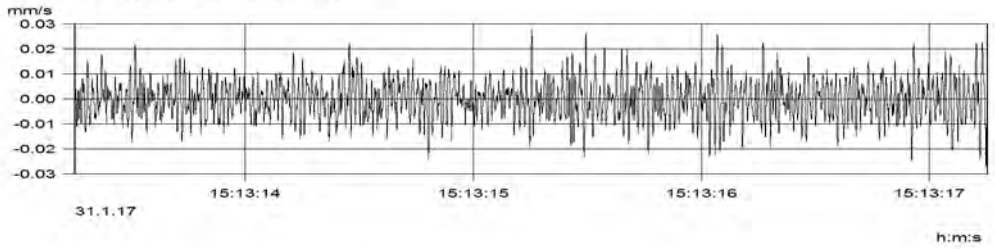
MP3.2 (Kanal\_004) v(max) = 0.058 mm/s



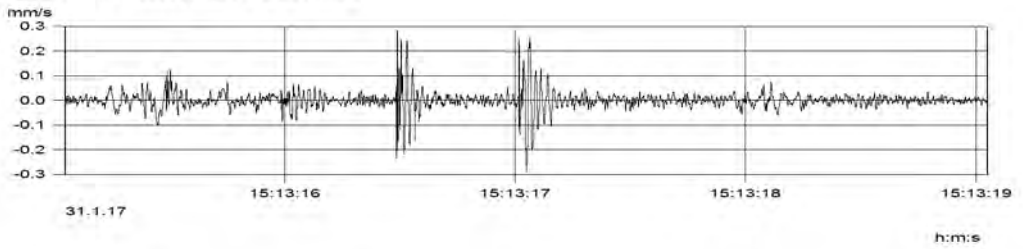
h:m:s

2017-01-31 15-07-05 (12): M8D Ri II

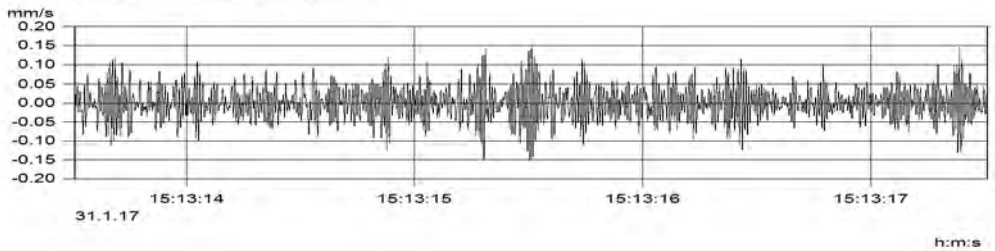
MP1 (Kanal\_001) v(max) = 0.028 mm/s



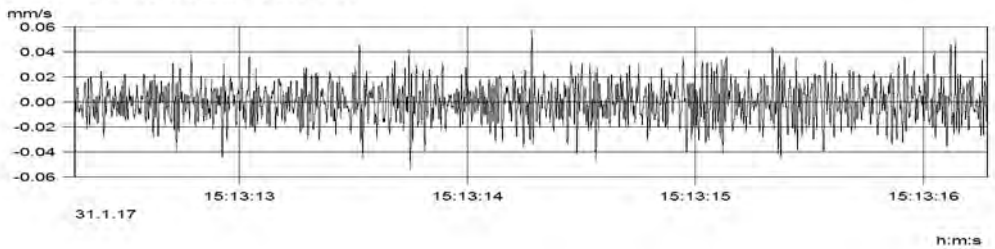
MP2.1 (Kanal\_002) v(max) = 0.291 mm/s



MP3.1 (Kanal\_003) v(max) = 0.153 mm/s



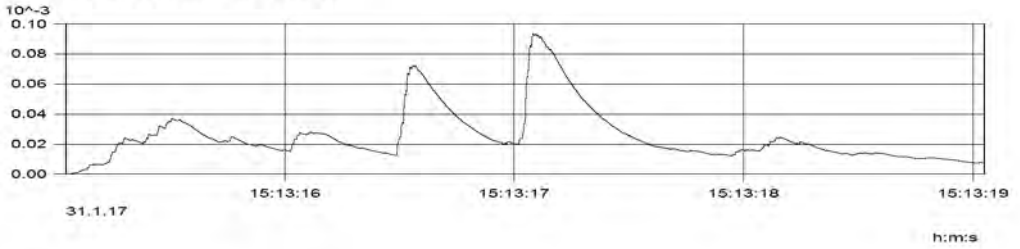
MP3.2 (Kanal\_004) v(max) = 0.058 mm/s



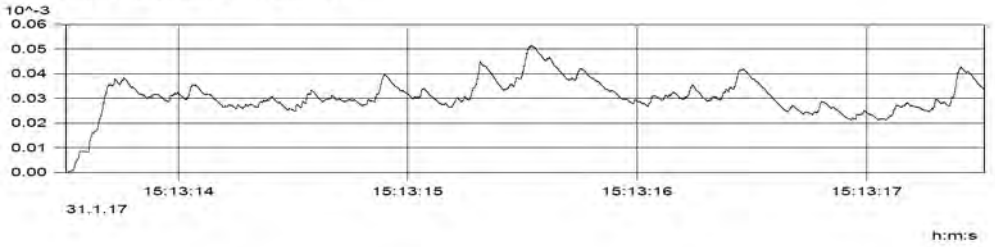


2017-01-31 15-07-05 (12): M8D Ri II

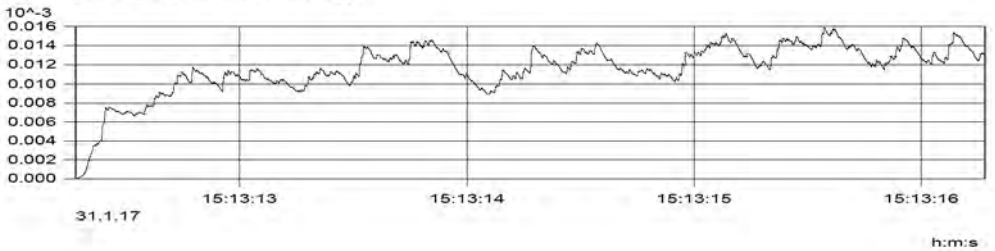
MP2.1 (Kanal\_002) KB(max) = 0.094[-]



MP3.1 (Kanal\_003) KB(max) = 0.051[-]



MP3.2 (Kanal\_004) KB(max) = 0.016[-]



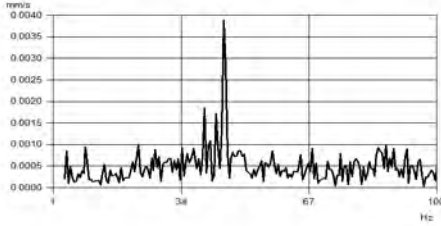


M8D Ri II

2017-01-31 15-07-05 (12)

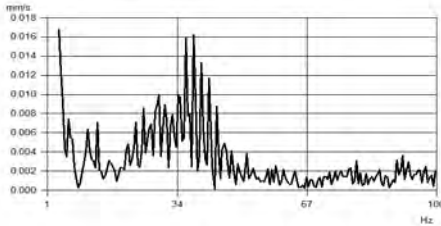
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



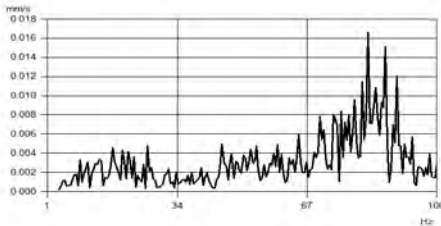
MP2.1 (Kanal\_002)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.017 \text{ mm/s}$



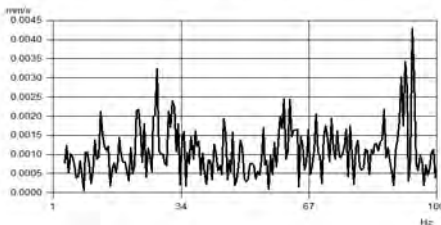
MP3.1 (Kanal\_003)

$f_e = 82.5 \text{ Hz} / v(\text{max}) = 0.017 \text{ mm/s}$



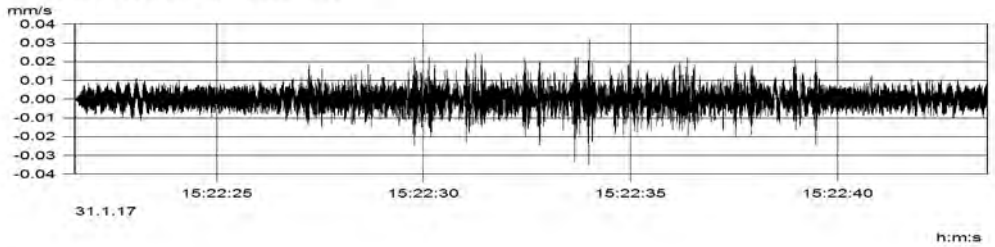
MP3.2 (Kanal\_004)

$f_e = 93.8 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$

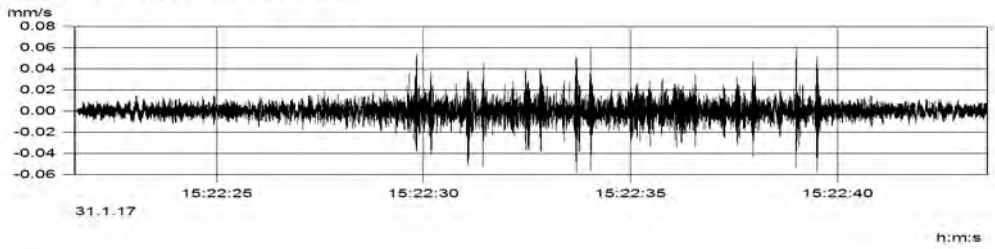


2017-01-31 15-19-42 (14): M8D Ri II

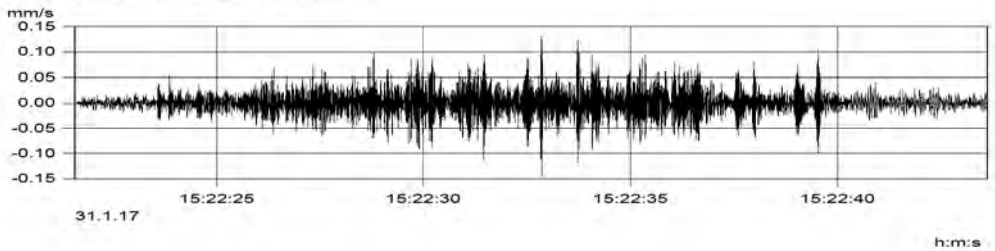
MP1 (Kanal\_001) v(max) = 0.035 mm/s



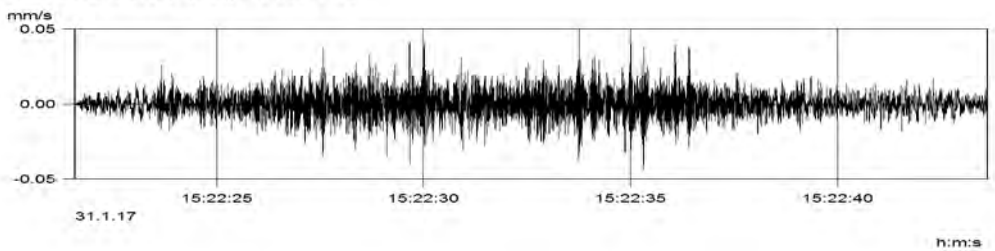
MP2.1 (Kanal\_002) v(max) = 0.060 mm/s



MP3.1 (Kanal\_003) v(max) = 0.146 mm/s

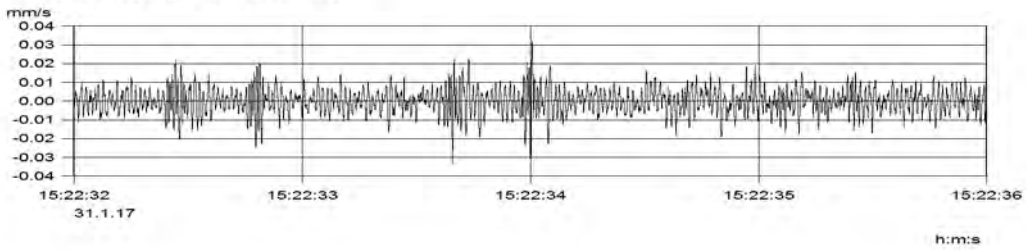


MP3.2 (Kanal\_004) v(max) = 0.050 mm/s

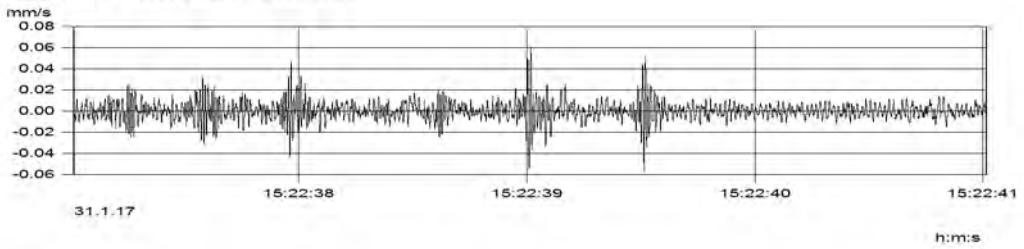


2017-01-31 15-19-42 (14): M8D Ri II

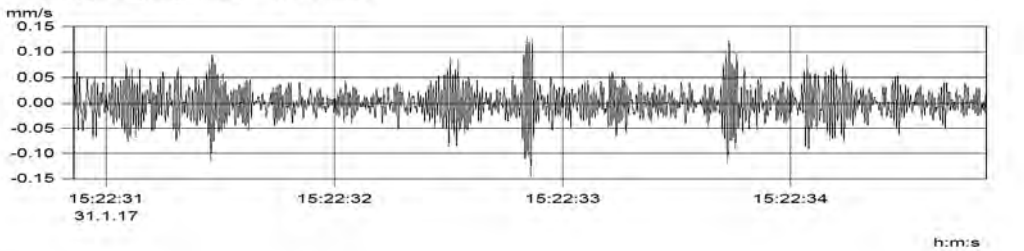
MP1 (Kanal\_001) v(max) = 0.035 mm/s



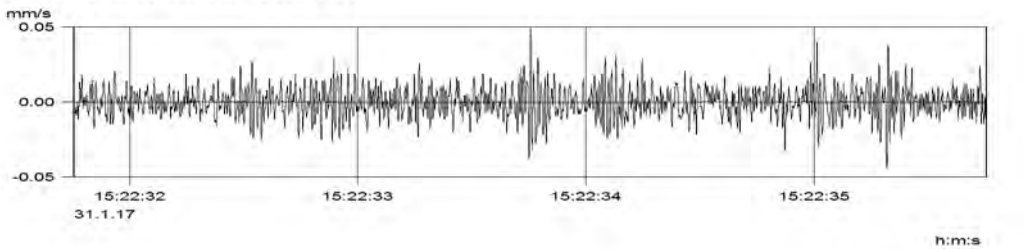
MP2.1 (Kanal\_002) v(max) = 0.060 mm/s



MP3.1 (Kanal\_003) v(max) = 0.146 mm/s

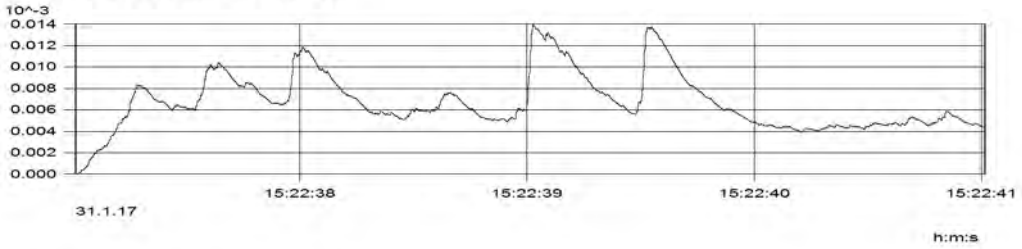


MP3.2 (Kanal\_004) v(max) = 0.050 mm/s

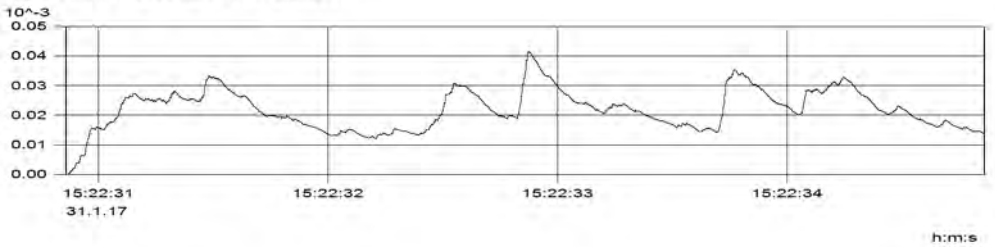


2017-01-31 15-19-42 (14): M8D Ri II

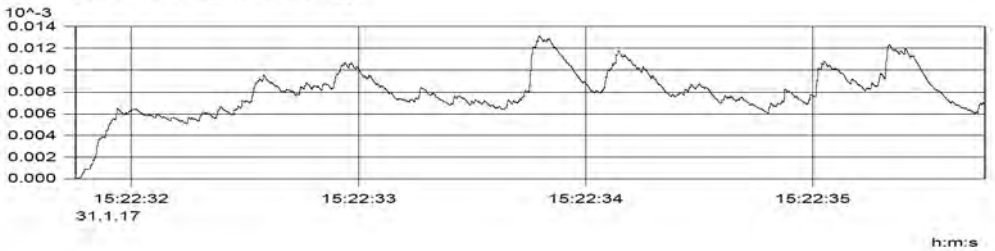
MP2.1 (Kanal\_002) KB(max) = 0.014[-]



MP3.1 (Kanal\_003) KB(max) = 0.042[-]



MP3.2 (Kanal\_004) KB(max) = 0.013[-]

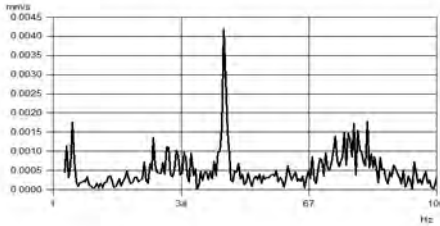


M8D Ri II

2017-01-31 15-19-42 (14)

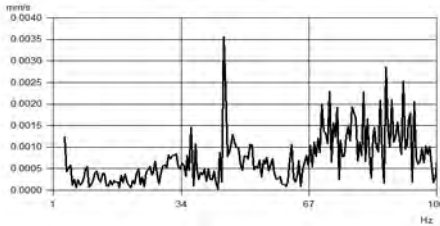
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



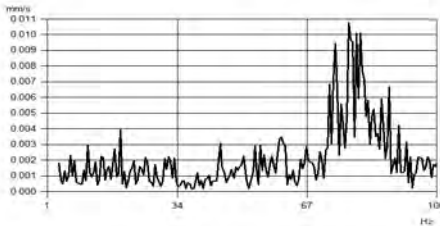
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



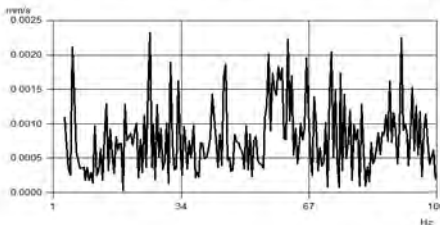
MP3.1 (Kanal\_003)

$f_e = 77.6 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



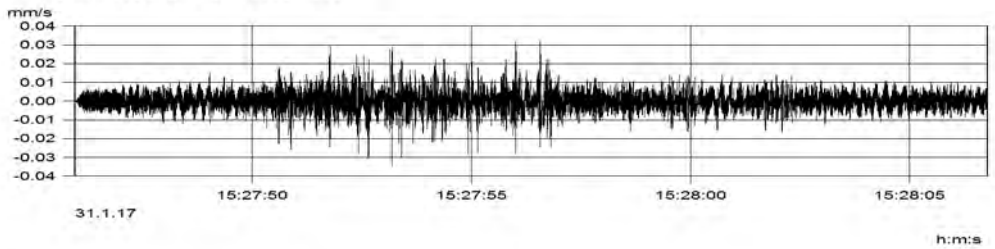
MP3.2 (Kanal\_004)

$f_e = 25.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

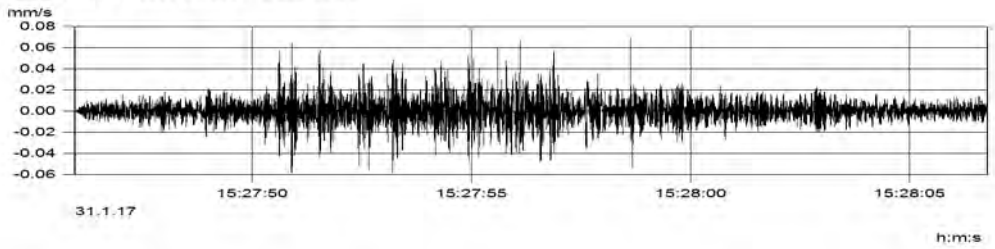


2017-01-31 15:22-47 (15): M8D Ri I

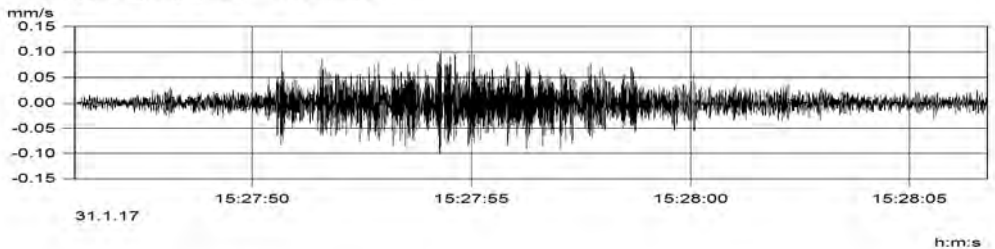
MP1 (Kanal\_001) v(max) = 0.035 mm/s



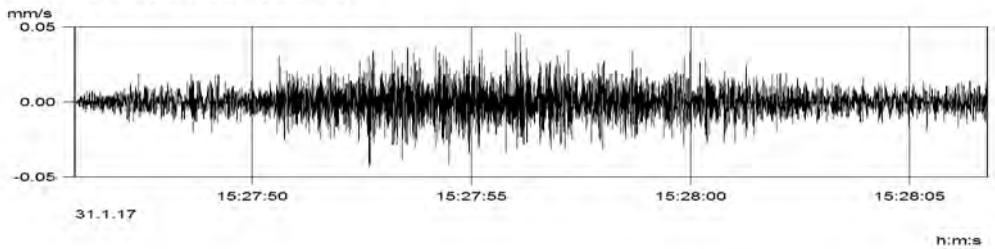
MP2.1 (Kanal\_002) v(max) = 0.069 mm/s



MP3.1 (Kanal\_003) v(max) = 0.104 mm/s



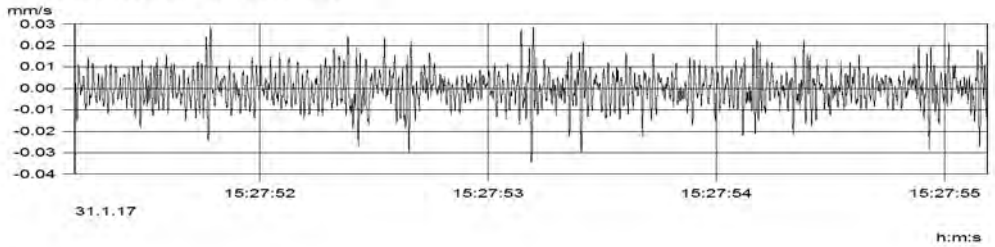
MP3.2 (Kanal\_004) v(max) = 0.046 mm/s



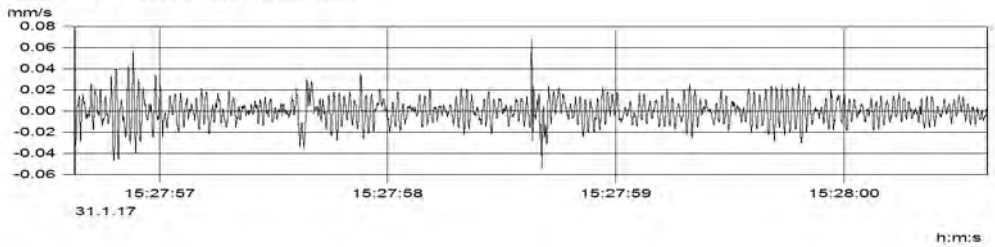


2017-01-31 15:22-47 (15): M8D Ri I

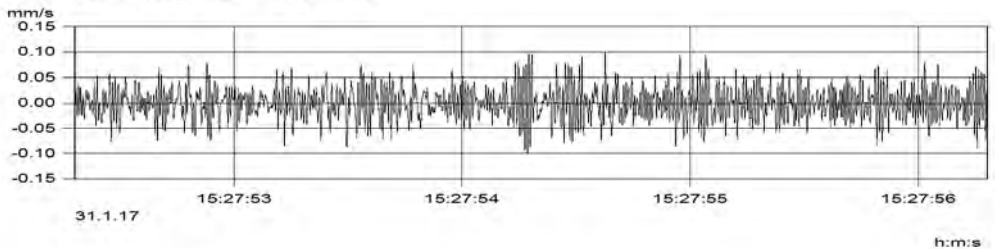
MP1 (Kanal\_001) v(max) = 0.035 mm/s



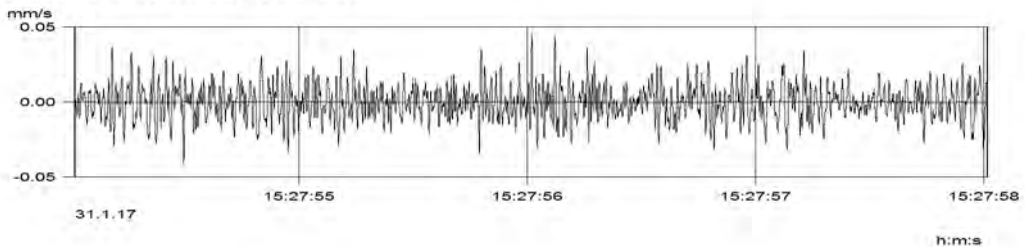
MP2.1 (Kanal\_002) v(max) = 0.069 mm/s



MP3.1 (Kanal\_003) v(max) = 0.104 mm/s

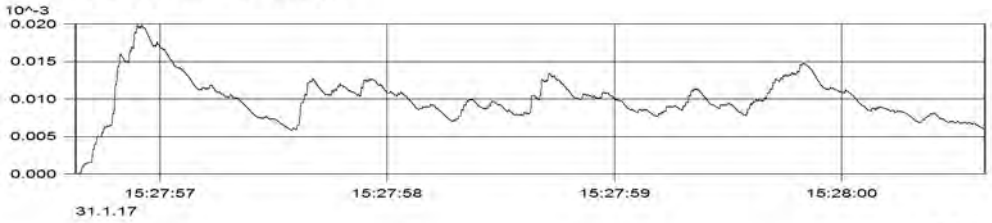


MP3.2 (Kanal\_004) v(max) = 0.046 mm/s



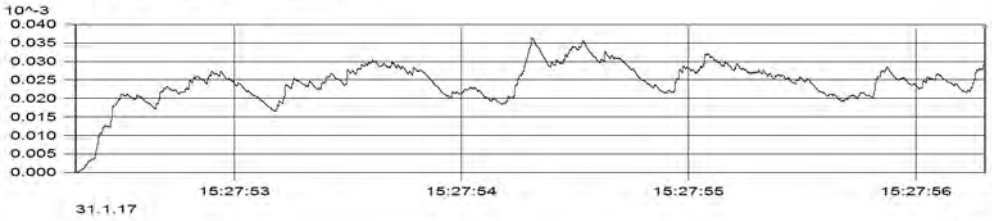
2017-01-31 15:22-47 (15): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.020[-]



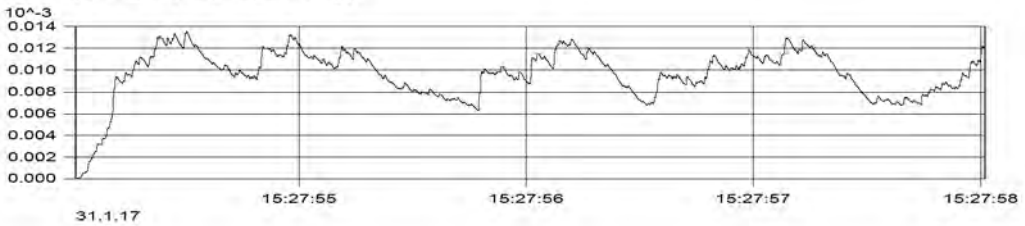
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.036[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.014[-]



h:m:s

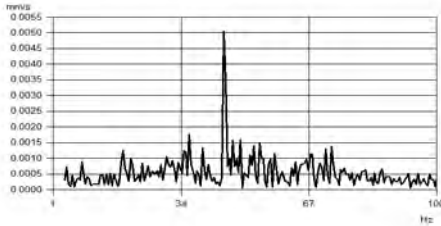


M8D Ri I

2017-01-31 15-22-47 (15)

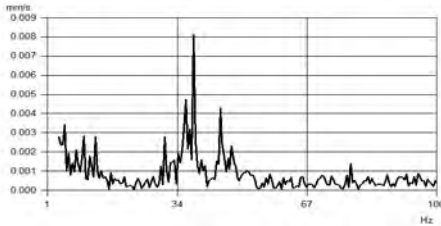
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



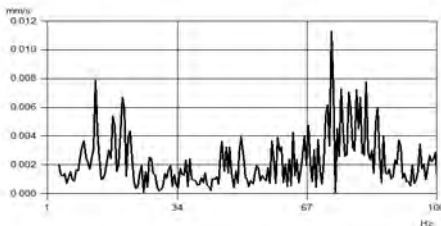
MP2.1 (Kanal\_002)

$f_e = 38.1 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



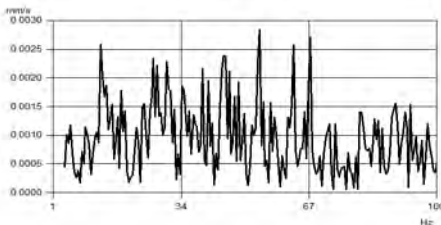
MP3.1 (Kanal\_003)

$f_e = 73.2 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



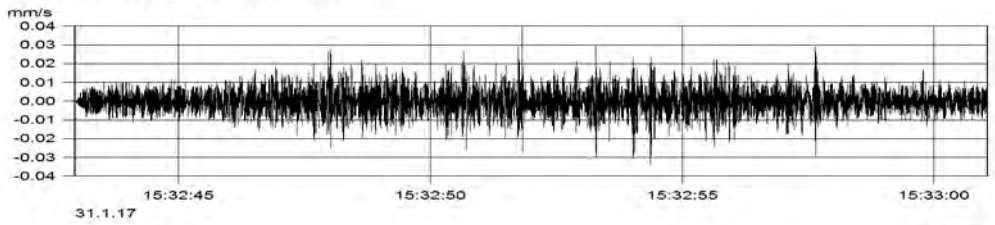
MP3.2 (Kanal\_004)

$f_e = 54.2 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

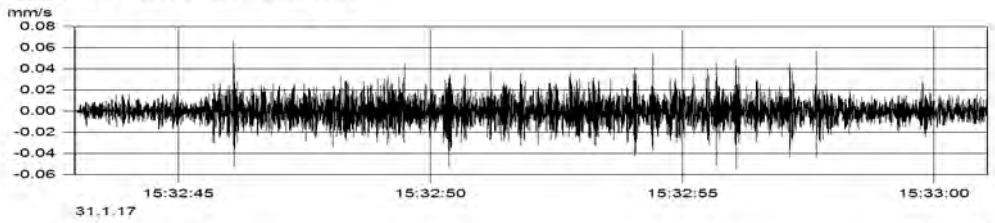


2017-01-31 15:32-17 (17): M8D Ri II

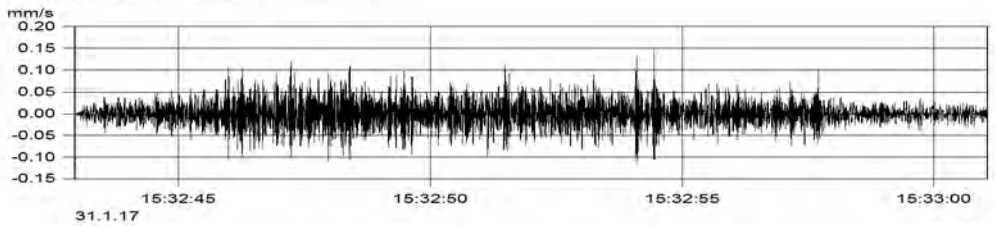
MP1 (Kanal\_001) v(max) = 0.039 mm/s



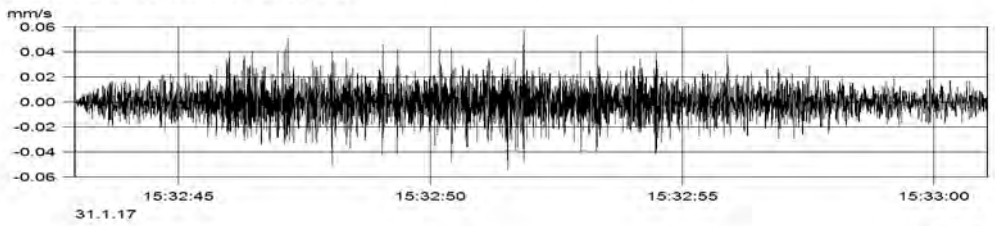
MP2.1 (Kanal\_002) v(max) = 0.066 mm/s



MP3.1 (Kanal\_003) v(max) = 0.152 mm/s

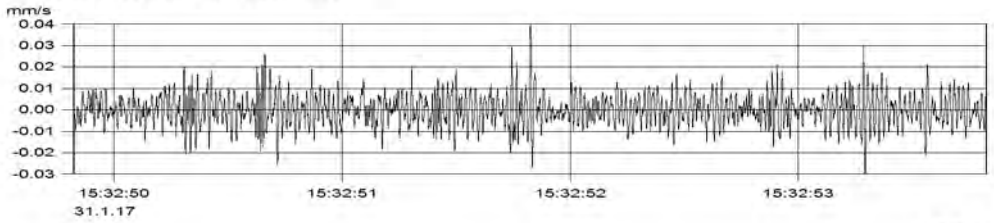


MP3.2 (Kanal\_004) v(max) = 0.058 mm/s



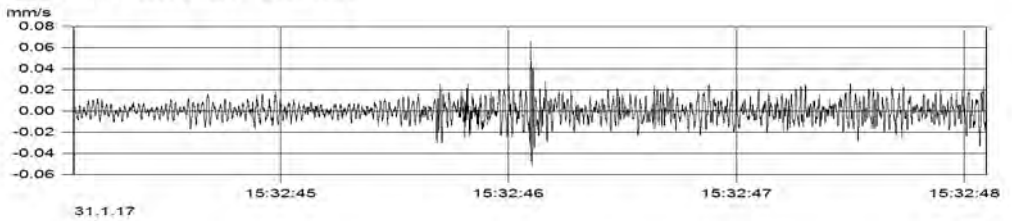
2017-01-31 15:32-17 (17): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.039 mm/s



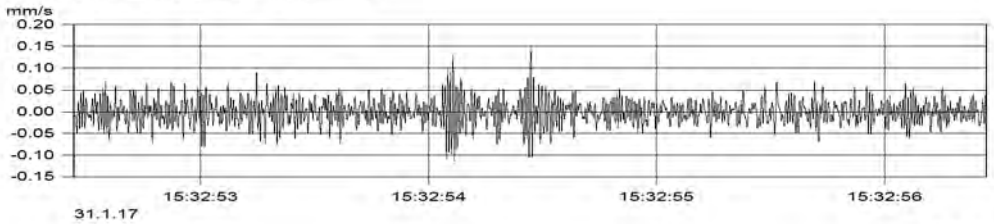
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.066 mm/s



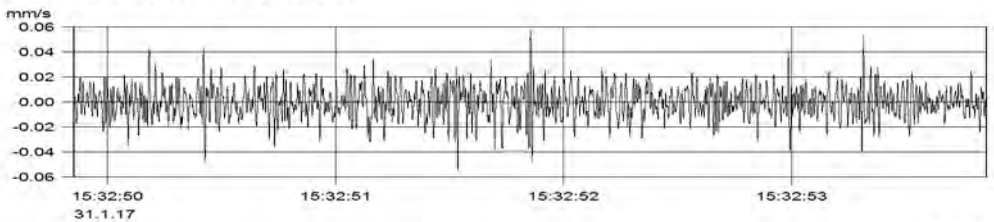
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.152 mm/s



h:m:s

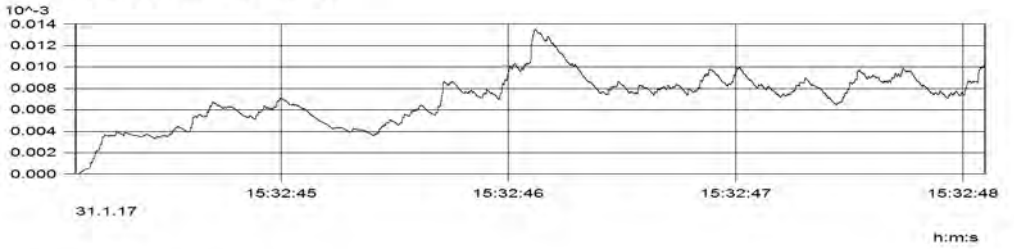
MP3.2 (Kanal\_004) v(max) = 0.058 mm/s



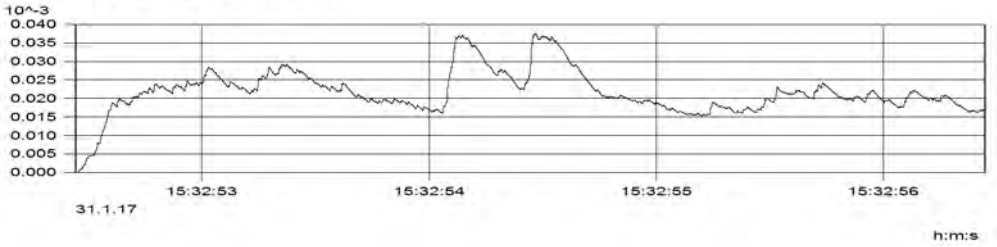
h:m:s

2017-01-31 15:32-17 (17): M8D Ri II

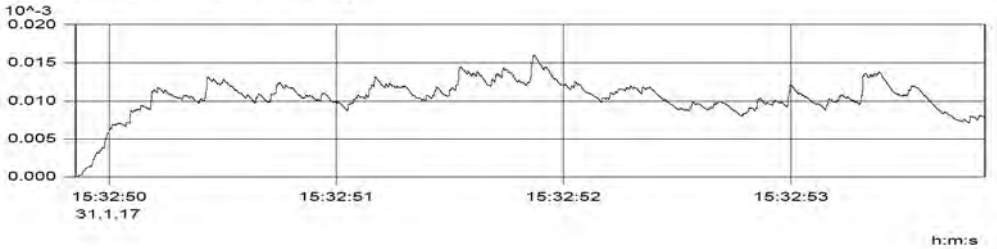
MP2.1 (Kanal\_002) KB(max) = 0.014[-]



MP3.1 (Kanal\_003) KB(max) = 0.037[-]



MP3.2 (Kanal\_004) KB(max) = 0.016[-]

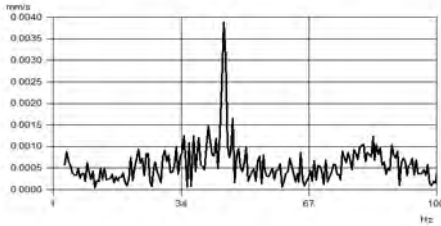


M8D Ri II

2017-01-31 15-32-17 (17)

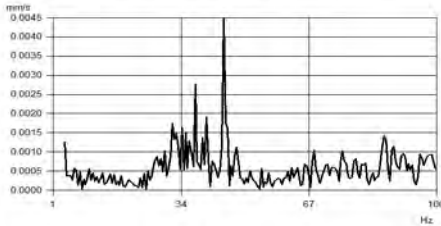
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



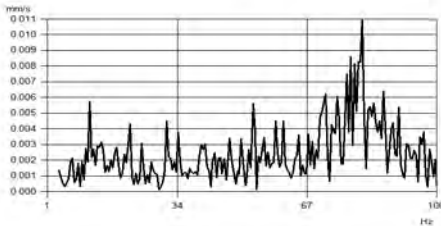
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



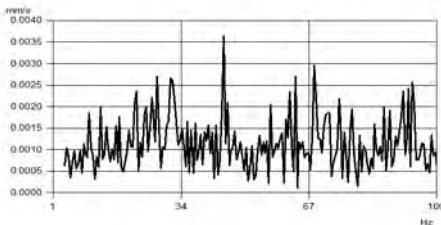
MP3.1 (Kanal\_003)

$f_e = 81.1 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



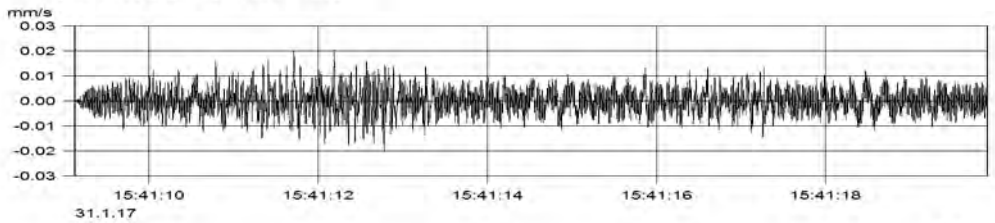
MP3.2 (Kanal\_004)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



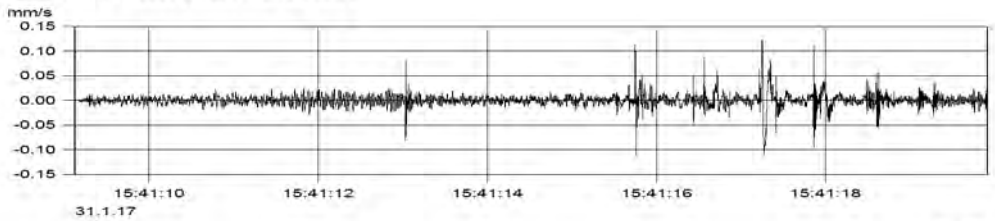
2017-01-31 15:41:07 (20): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.021 mm/s



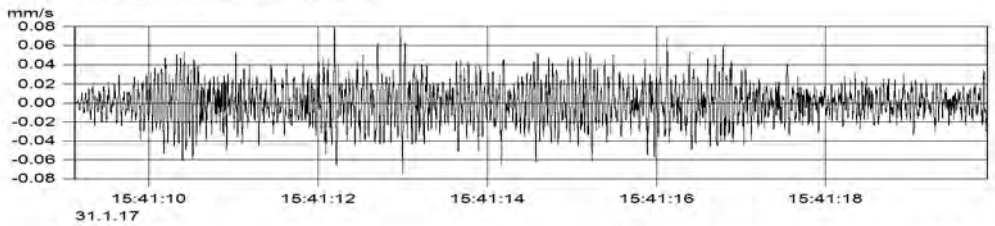
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.123 mm/s



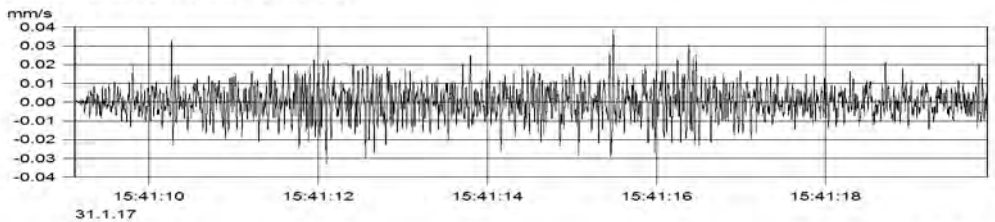
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.080 mm/s



h:m:s

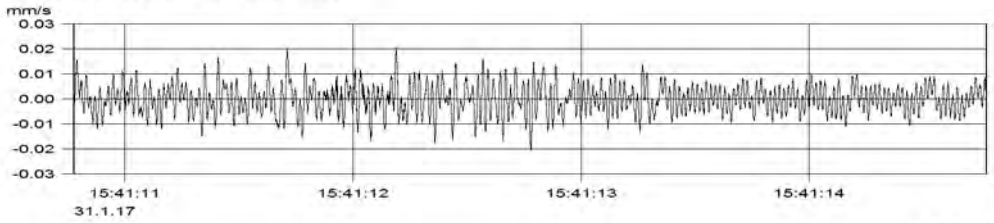
MP3.2 (Kanal\_004) v(max) = 0.039 mm/s



h:m:s

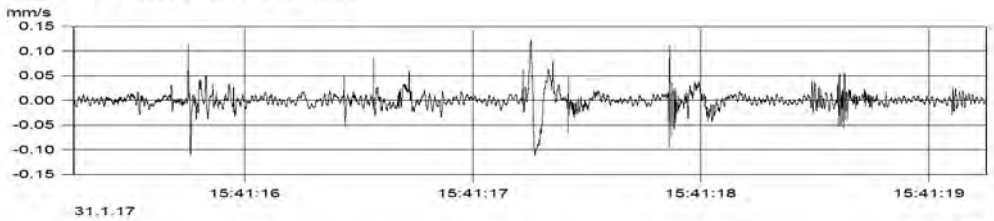
2017-01-31 15:41-07 (20): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.021 mm/s



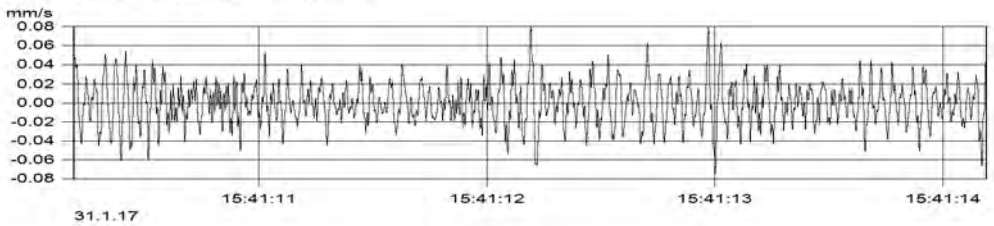
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.123 mm/s



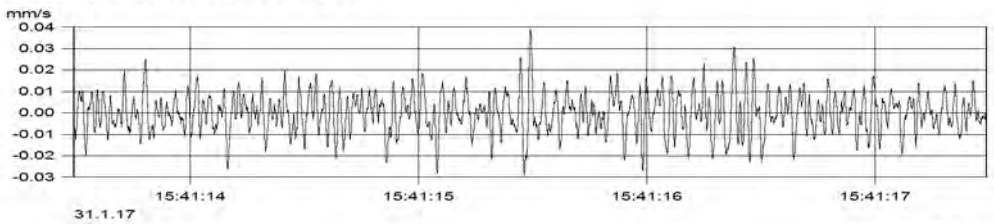
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.080 mm/s



h:m:s

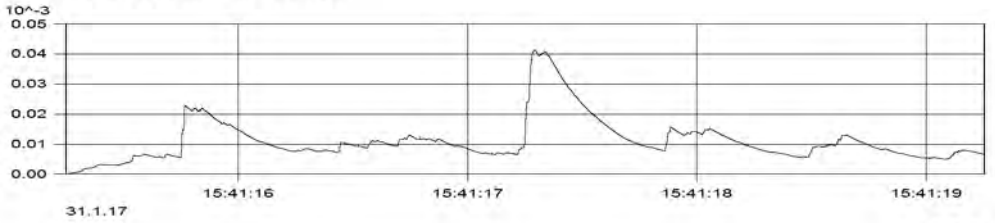
MP3.2 (Kanal\_004) v(max) = 0.039 mm/s



h:m:s

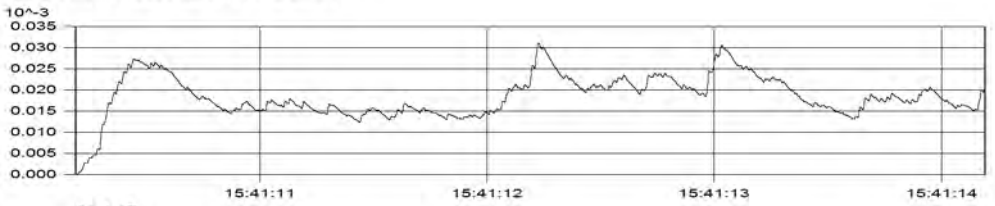
2017-01-31 15:41-07 (20): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.041[-]



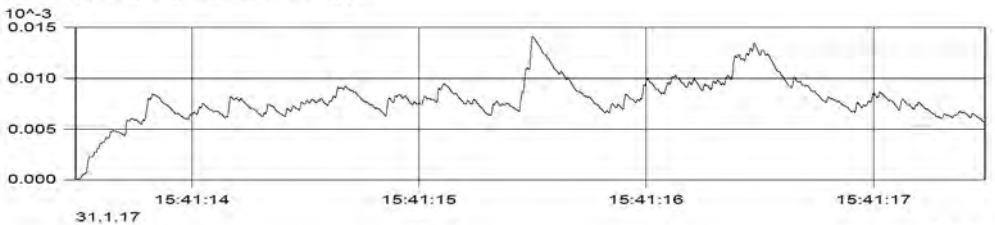
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.031[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.014[-]



h:m:s

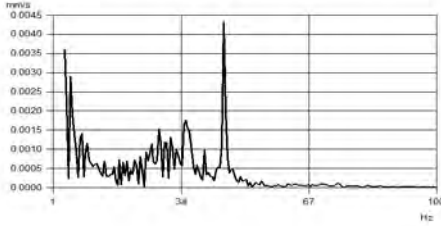


M8D Ri II

2017-01-31 15-41-07 (20)

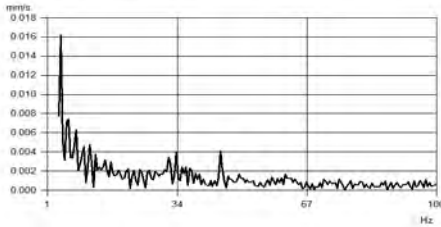
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



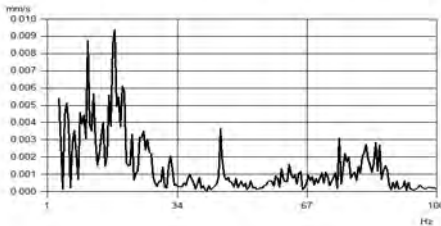
MP2.1 (Kanal\_002)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



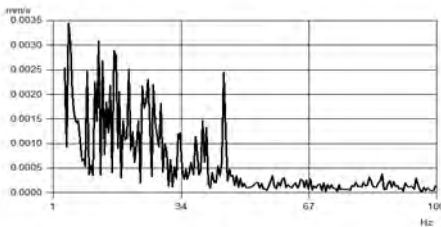
MP3.1 (Kanal\_003)

$f_e = 18.1 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



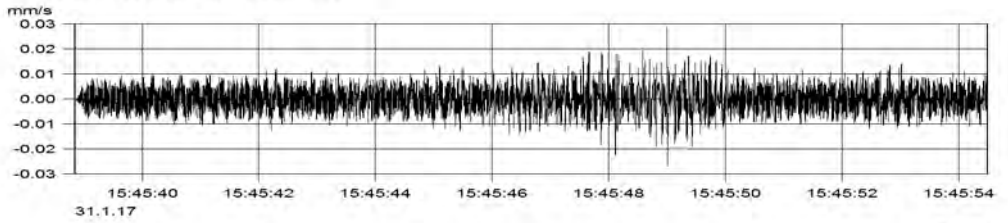
MP3.2 (Kanal\_004)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

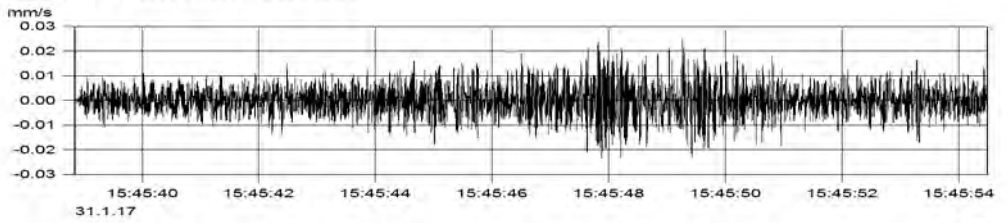


2017-01-31 15:44-13 (21): Lkw Bus

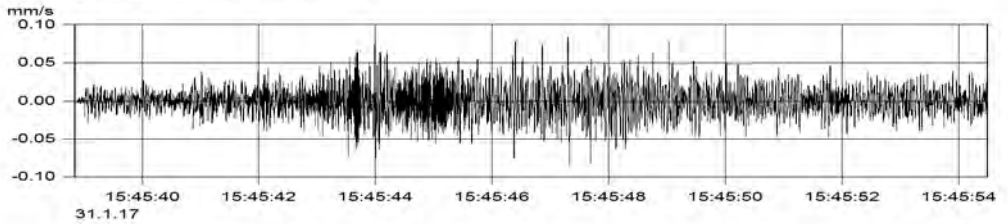
MP1 (Kanal\_001) v(max) = 0.028 mm/s



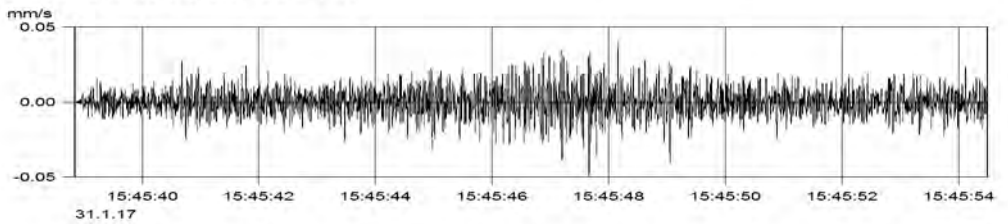
MP2.1 (Kanal\_002) v(max) = 0.025 mm/s



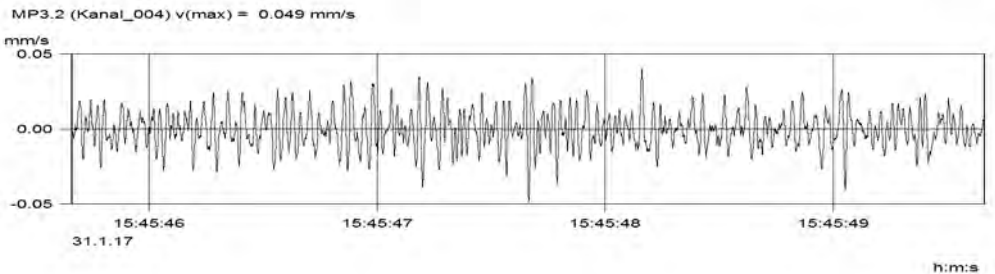
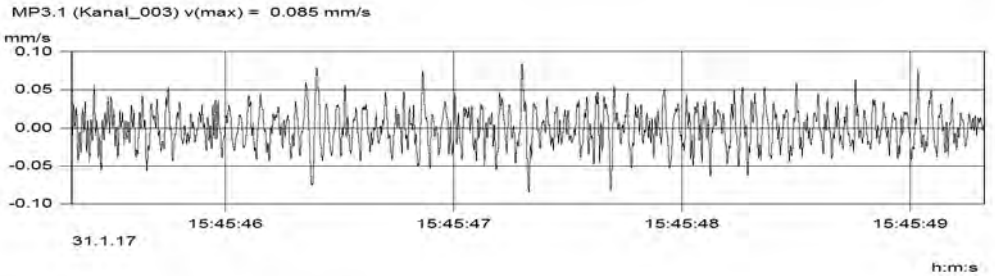
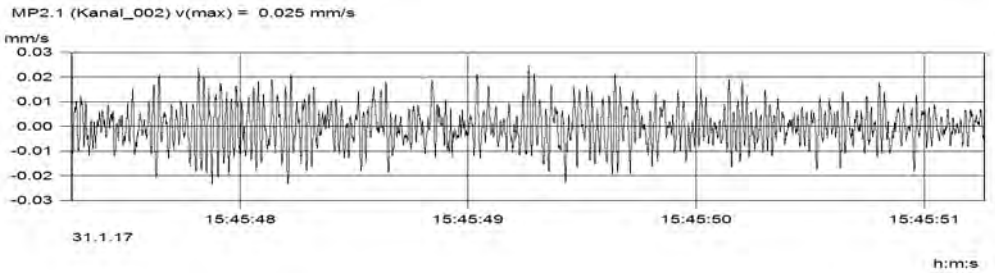
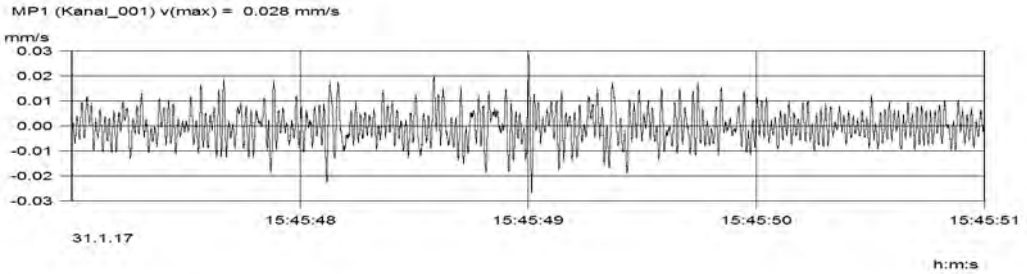
MP3.1 (Kanal\_003) v(max) = 0.085 mm/s



MP3.2 (Kanal\_004) v(max) = 0.049 mm/s

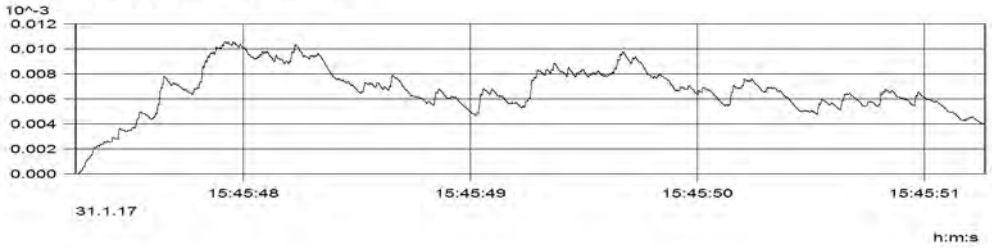


2017-01-31 15:44-13 (21): Lkw Bus

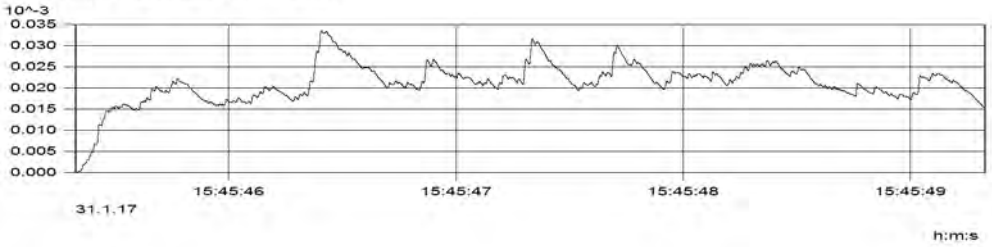


2017-01-31 15:44-13 (21): Lkw Bus

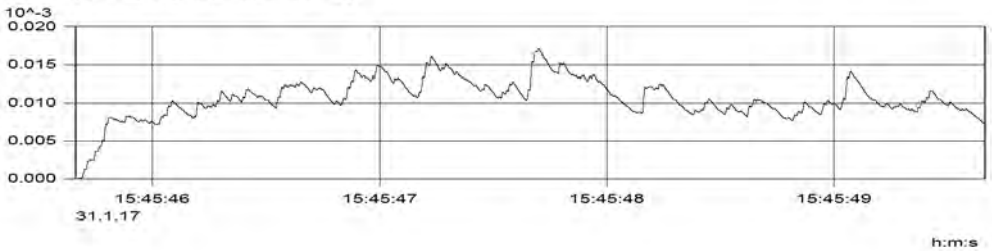
MP2.1 (Kanal\_002) KB(max) = 0.011[-]



MP3.1 (Kanal\_003) KB(max) = 0.033[-]



MP3.2 (Kanal\_004) KB(max) = 0.017[-]

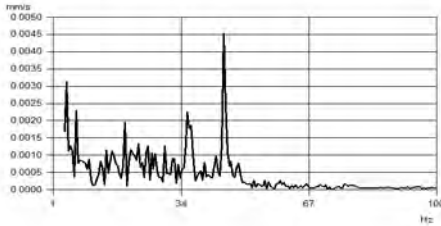


Lkw Bus

2017-01-31 15-44-13 (21)

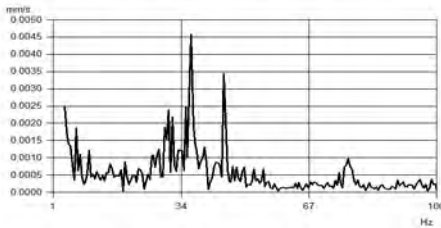
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



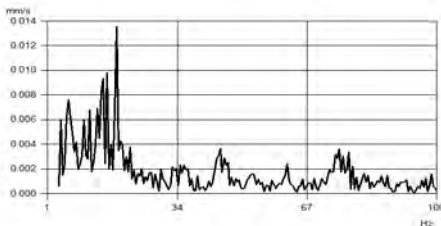
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



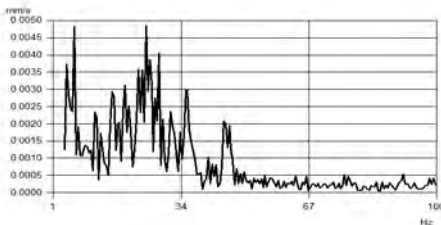
MP3.1 (Kanal\_003)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



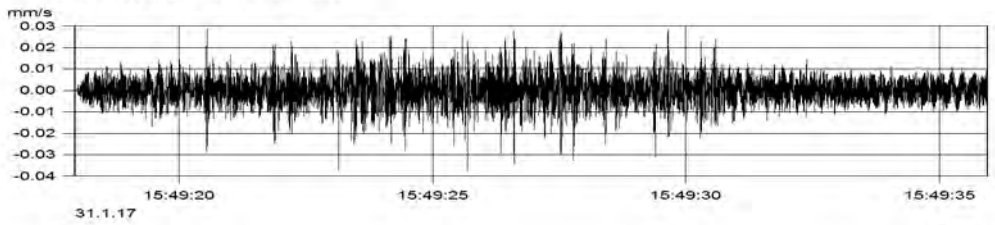
MP3.2 (Kanal\_004)

$f_e = 24.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



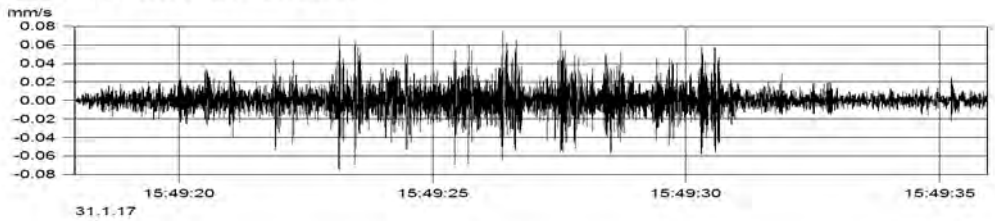
2017-01-31 15:46-11 (22): M8D 3fach Ri l

MP1 (Kanal\_001) v(max) = 0.038 mm/s



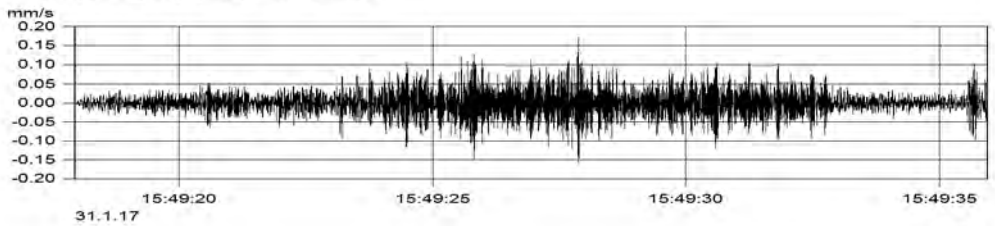
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.075 mm/s



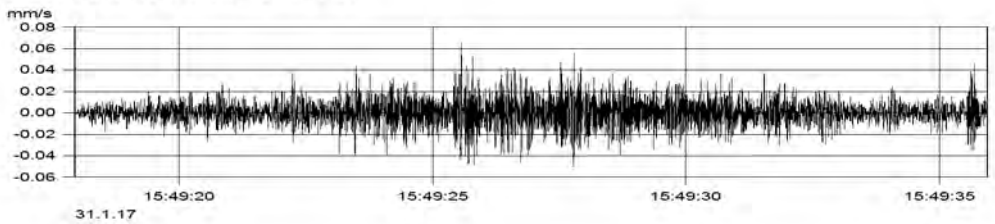
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.172 mm/s



h:m:s

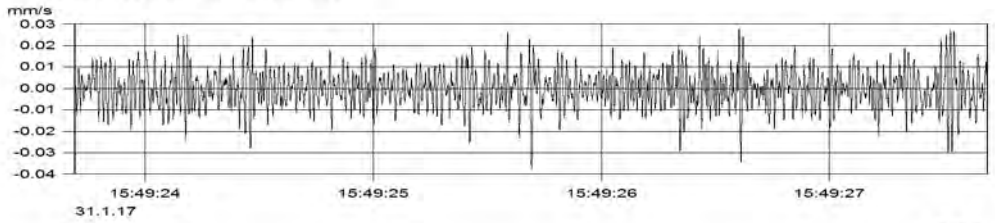
MP3.2 (Kanal\_004) v(max) = 0.065 mm/s



h:m:s

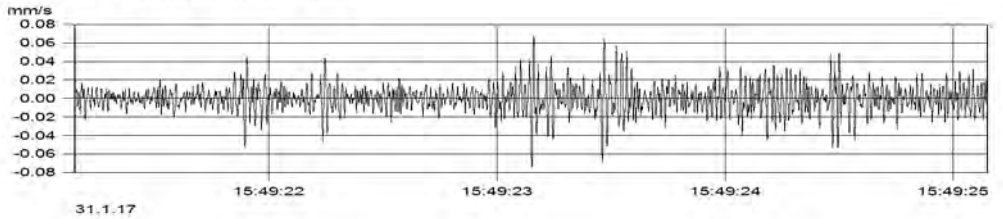
2017-01-31 15:46-11 (22): M8D 3fach Ri I

MP1 (Kanal\_001) v(max) = 0.038 mm/s



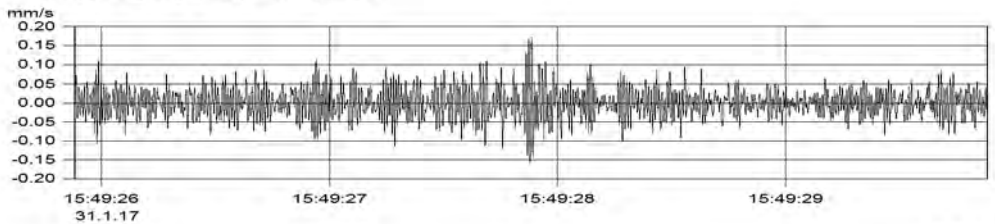
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.075 mm/s



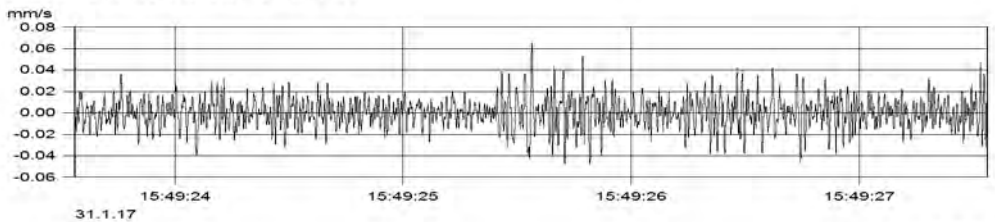
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.172 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.065 mm/s

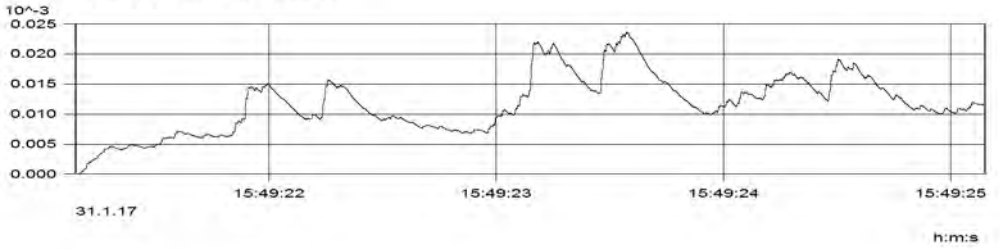


h:m:s

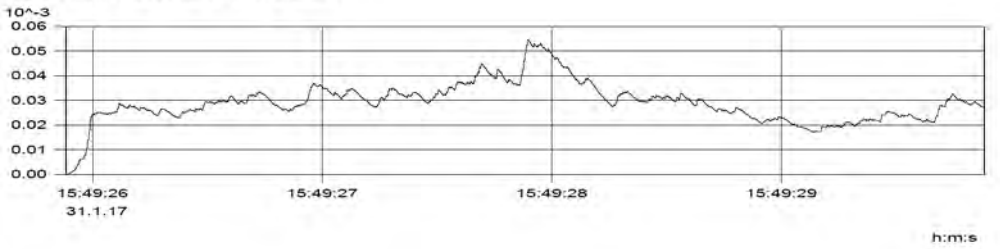


2017-01-31 15:46-11 (22): M8D 3fach Ri I

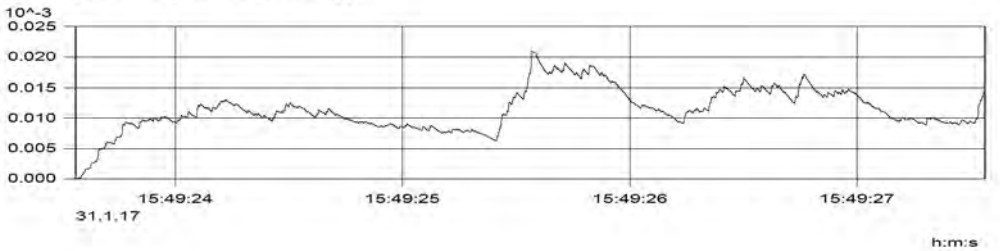
MP2.1 (Kanal\_002) KB(max) = 0.024[-]



MP3.1 (Kanal\_003) KB(max) = 0.055[-]



MP3.2 (Kanal\_004) KB(max) = 0.021[-]



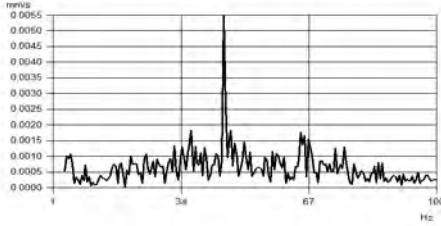


M8D 3fach Ri I

2017-01-31 15-46-11 (22)

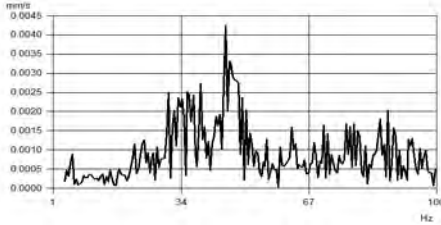
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



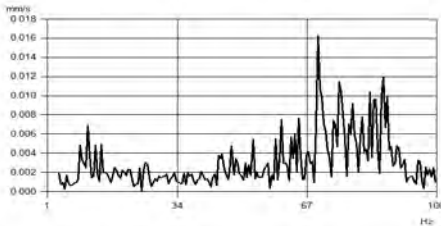
MP2.1 (Kanal\_002)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



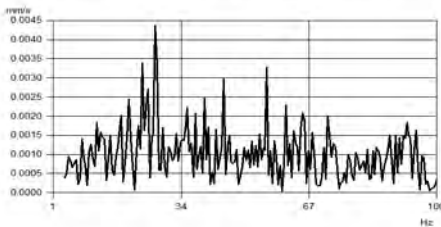
MP3.1 (Kanal\_003)

$f_e = 69.8 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$

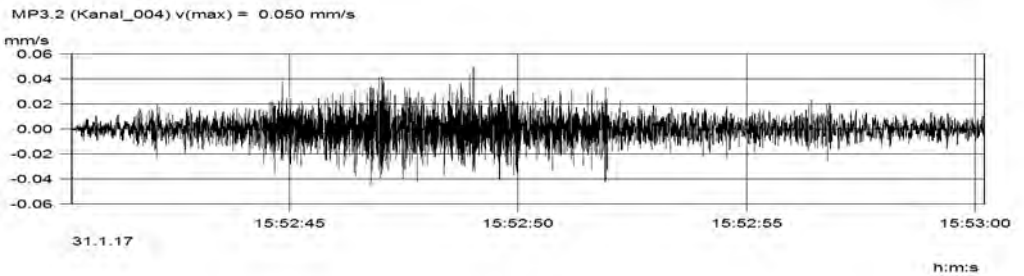
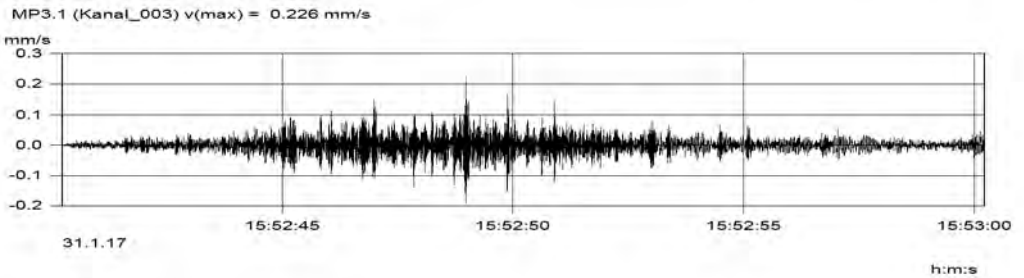
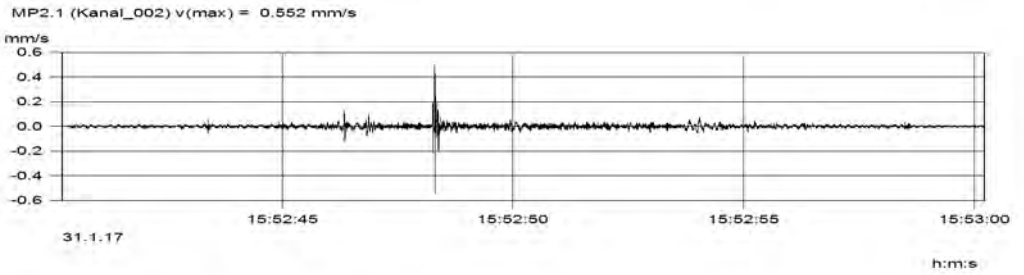
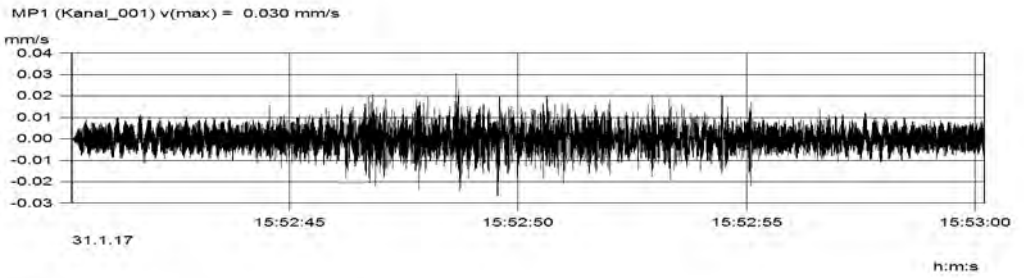


MP3.2 (Kanal\_004)

$f_e = 27.3 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$

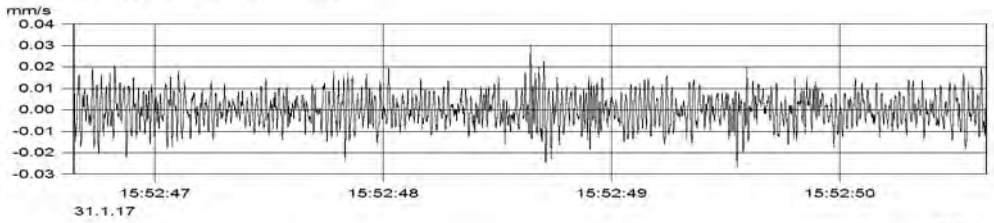


2017-01-31 15:49:39 (23): M8D Ri II



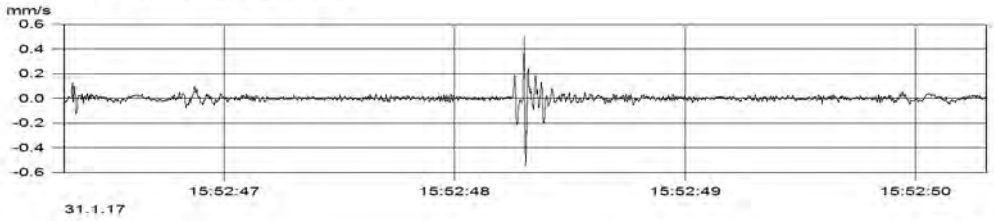
2017-01-31 15:49:39 (23): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.030 mm/s



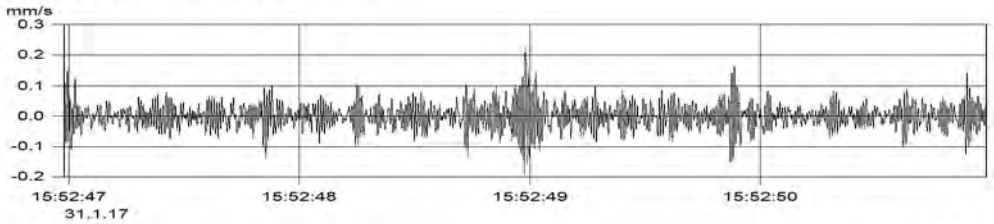
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.552 mm/s



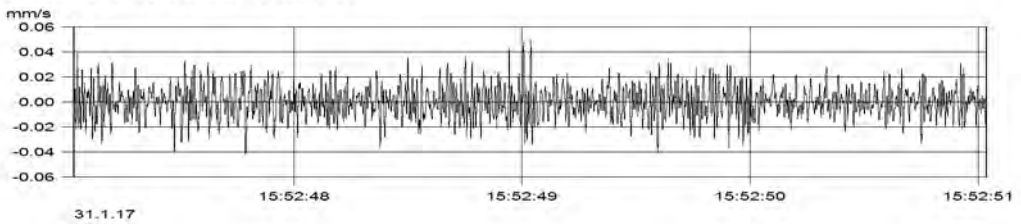
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.226 mm/s



h:m:s

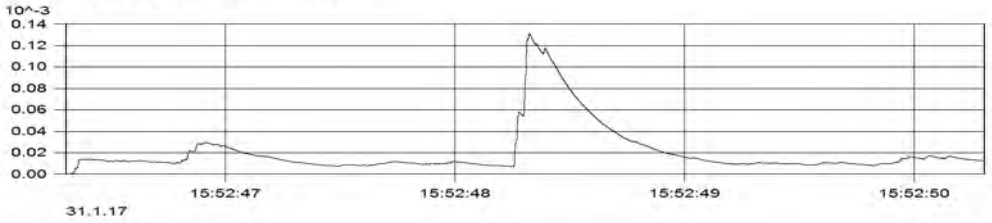
MP3.2 (Kanal\_004) v(max) = 0.050 mm/s



h:m:s

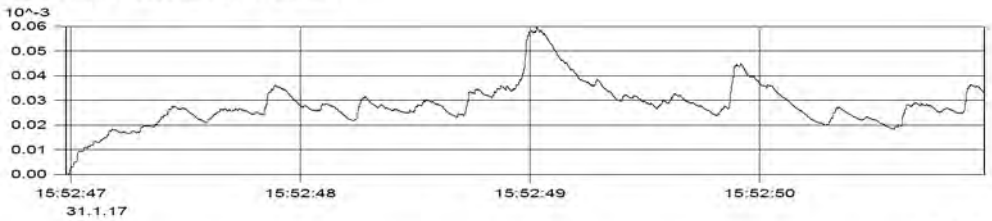
2017-01-31 15:49:39 (23): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.131[-]



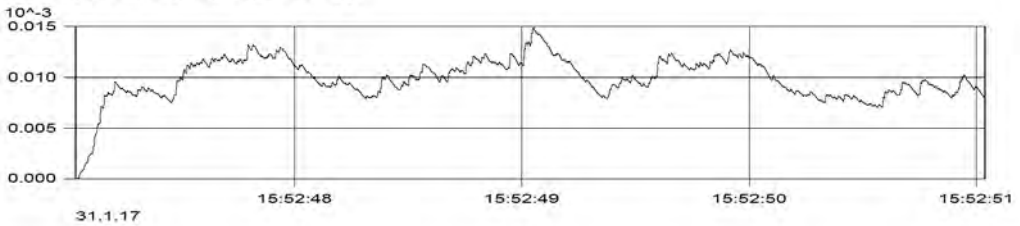
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.060[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.015[-]



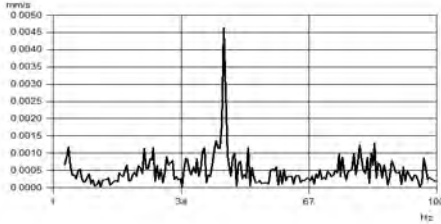
h:m:s

M8D Ri II

2017-01-31 15-49-39 (23)

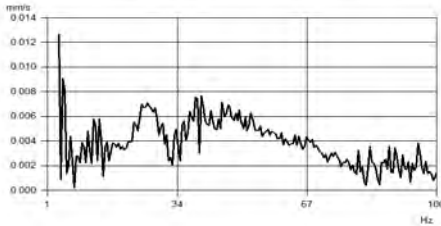
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



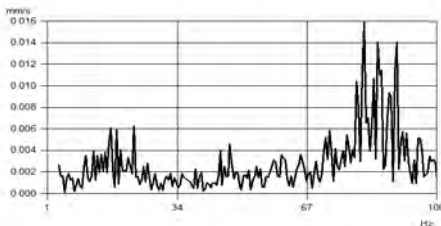
MP2.1 (Kanal\_002)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$



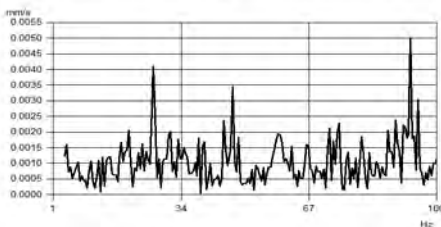
MP3.1 (Kanal\_003)

$f_e = 81.5 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$

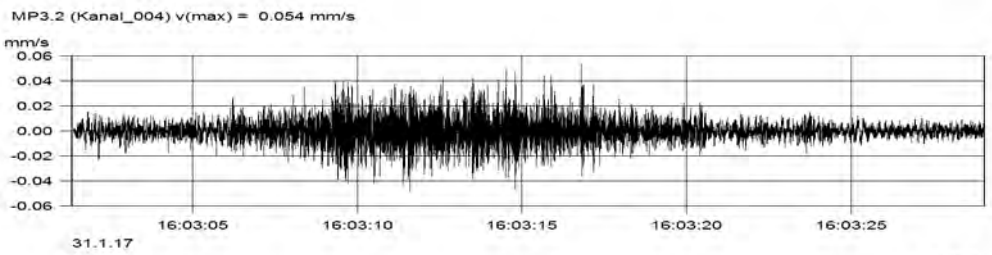
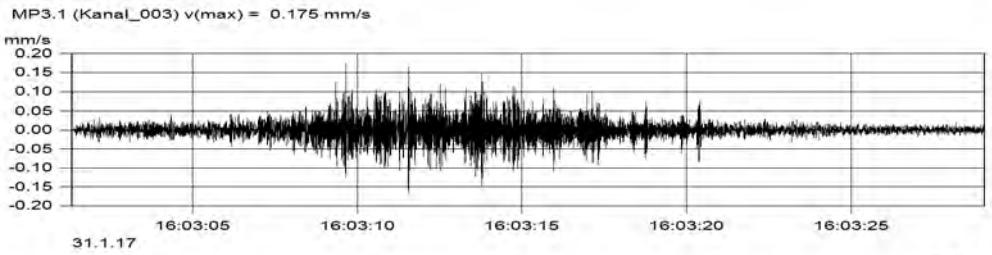
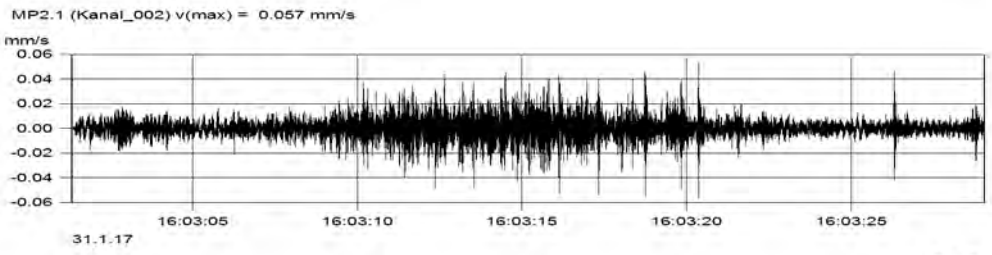
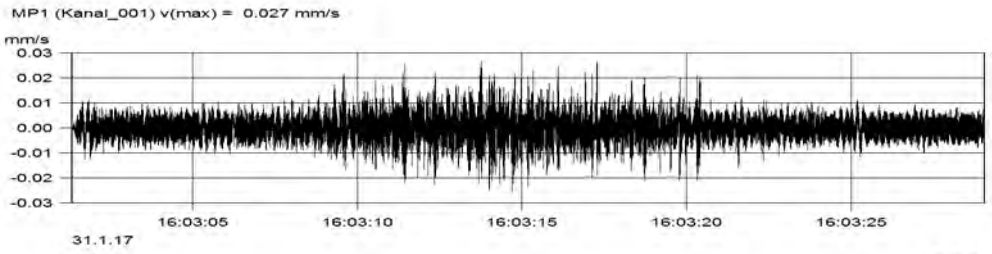


MP3.2 (Kanal\_004)

$f_e = 93.3 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$

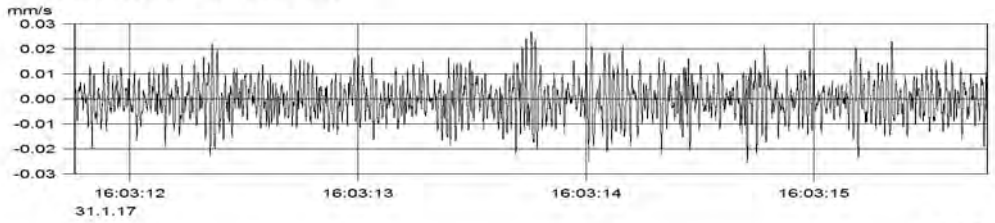


2017-01-31 15-53-07 (24): M8D Ri II

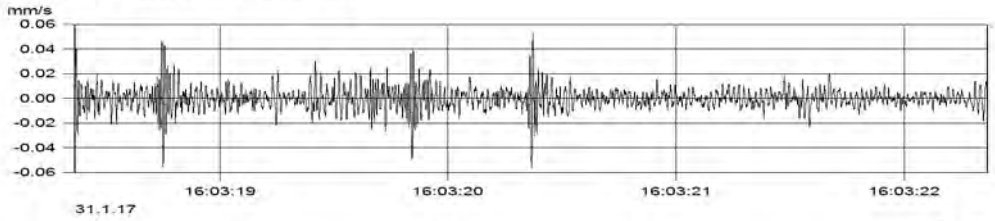


2017-01-31 15-53-07 (24): M8D Ri II

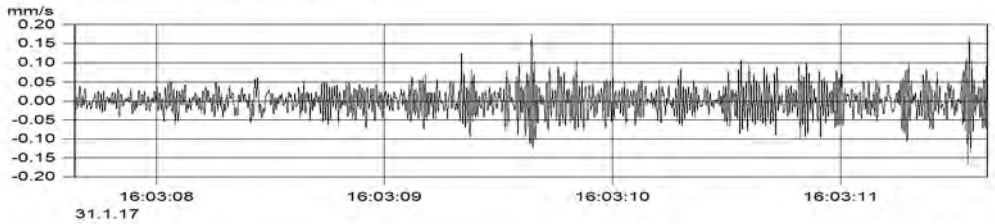
MP1 (Kanal\_001) v(max) = 0.027 mm/s



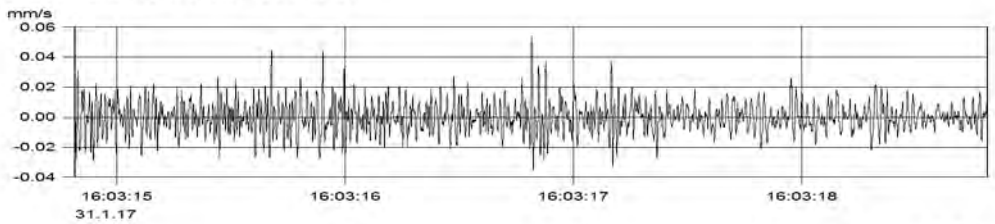
MP2.1 (Kanal\_002) v(max) = 0.057 mm/s



MP3.1 (Kanal\_003) v(max) = 0.175 mm/s

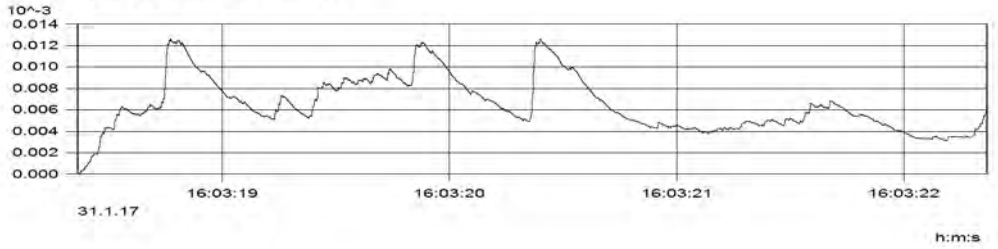


MP3.2 (Kanal\_004) v(max) = 0.054 mm/s

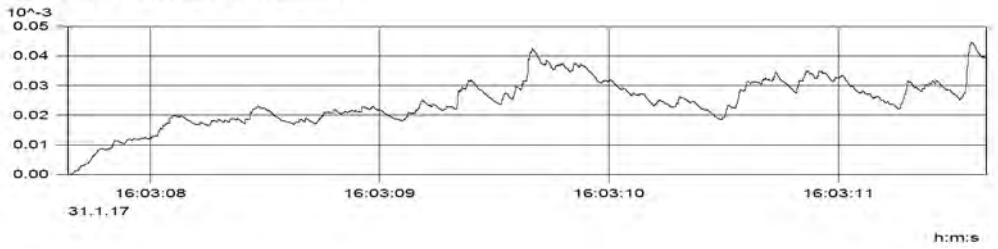


2017-01-31 15-53-07 (24): M8D Ri II

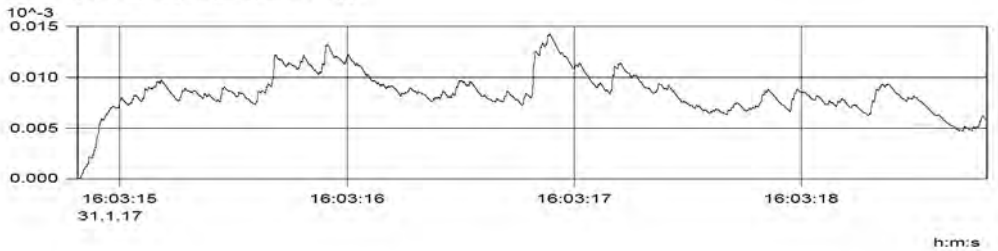
MP2.1 (Kanal\_002) KB(max) = 0.013[-]



MP3.1 (Kanal\_003) KB(max) = 0.045[-]



MP3.2 (Kanal\_004) KB(max) = 0.014[-]



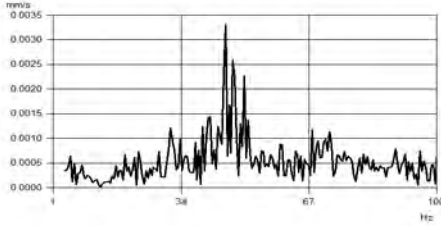


M8D Ri II

2017-01-31 15-53-07 (24)

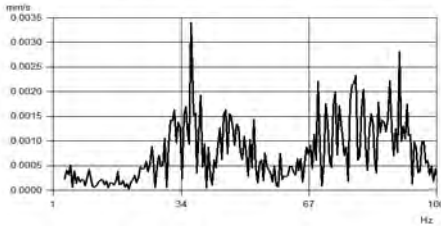
MP1 (Kanal\_001)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



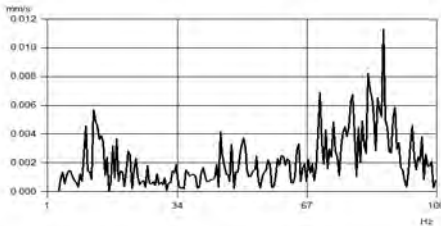
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



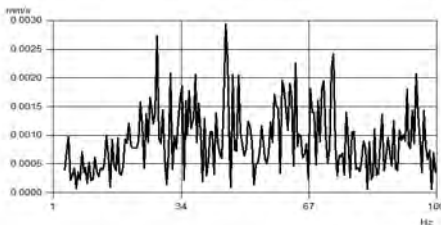
MP3.1 (Kanal\_003)

$f_e = 86.4 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



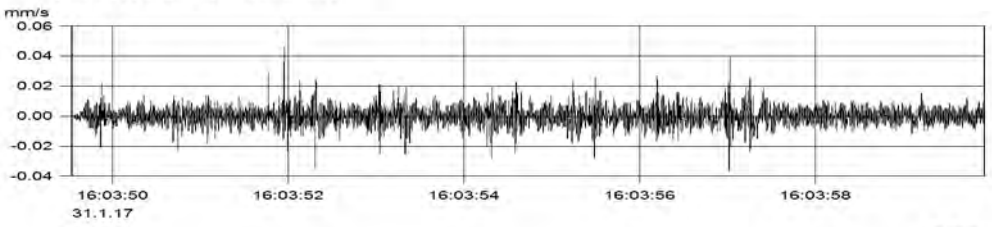
MP3.2 (Kanal\_004)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



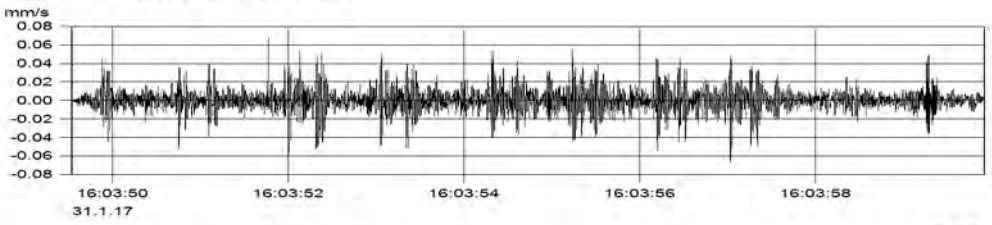
2017-01-31 16-03-31 (25): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.046 mm/s



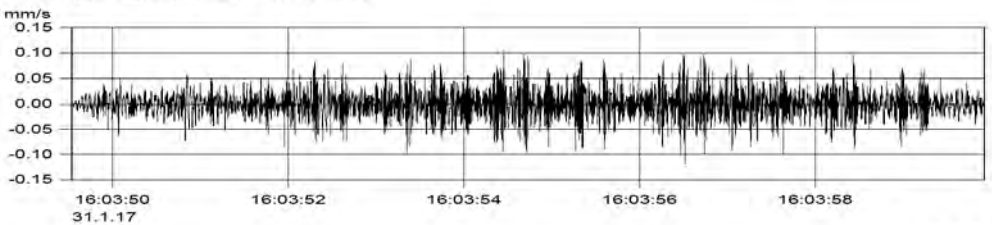
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.067 mm/s



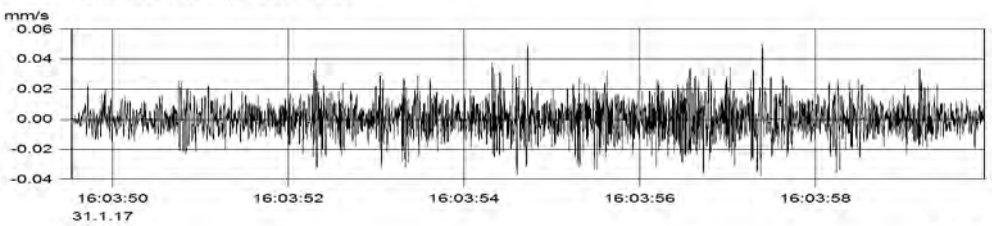
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.119 mm/s



h:m:s

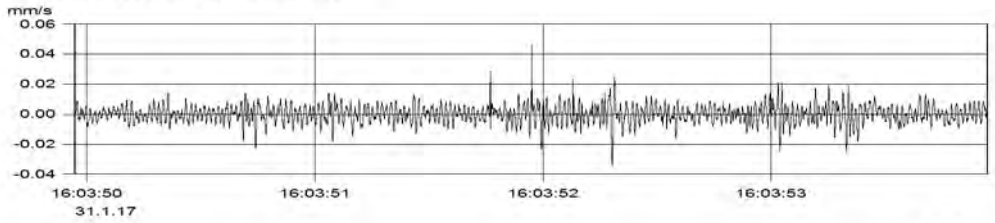
MP3.2 (Kanal\_004) v(max) = 0.050 mm/s



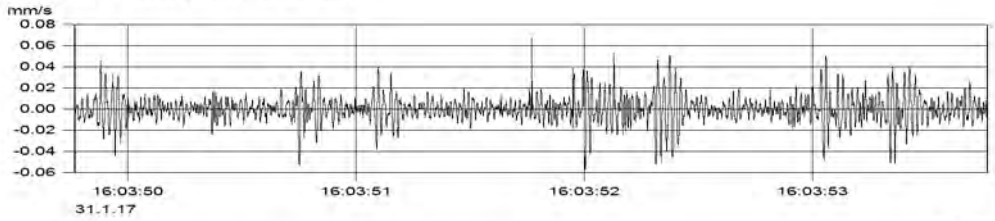
h:m:s

2017-01-31 16:03:31 (25): M8D Ri I

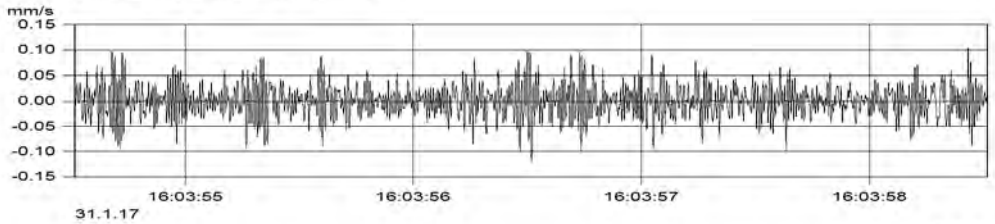
MP1 (Kanal\_001) v(max) = 0.046 mm/s



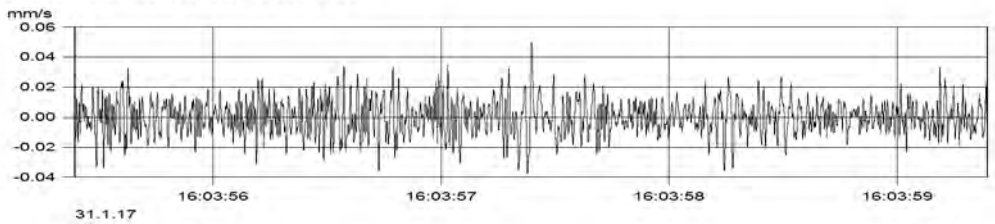
MP2.1 (Kanal\_002) v(max) = 0.067 mm/s



MP3.1 (Kanal\_003) v(max) = 0.119 mm/s

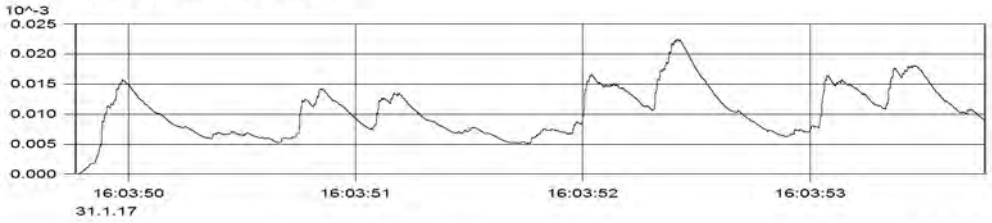


MP3.2 (Kanal\_004) v(max) = 0.050 mm/s



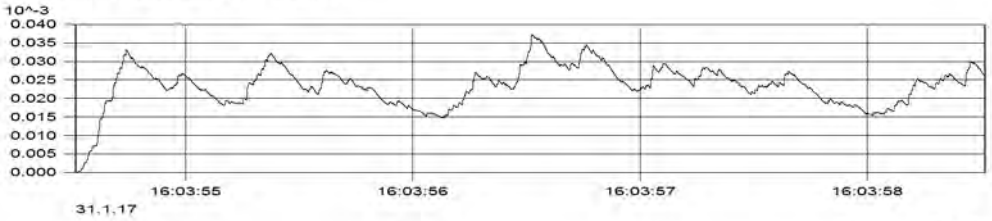
2017-01-31 16-03-31 (25): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.022[-]



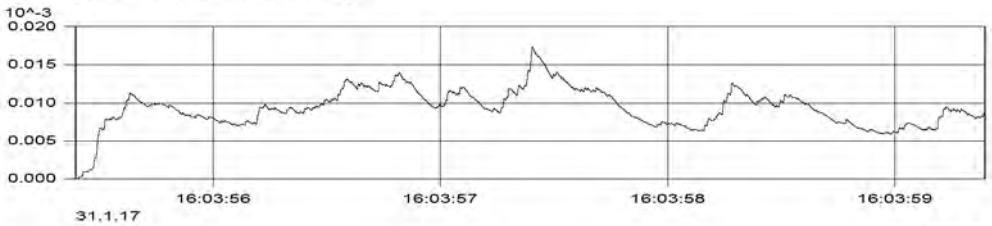
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.037[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.017[-]



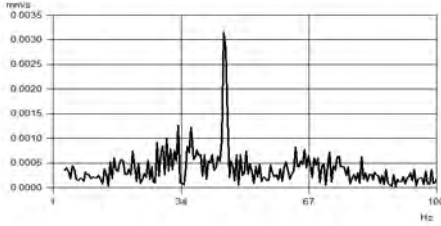
h:m:s

M8D Ri I

2017-01-31 16-03-31 (25)

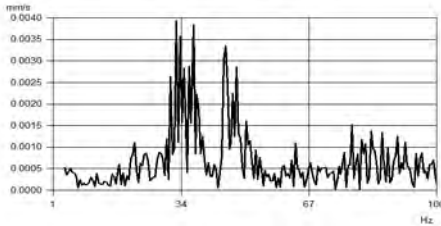
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



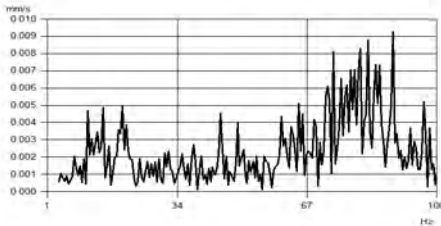
MP2.1 (Kanal\_002)

$f_e = 32.7 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



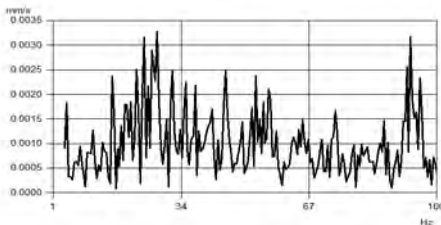
MP3.1 (Kanal\_003)

$f_e = 88.9 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$

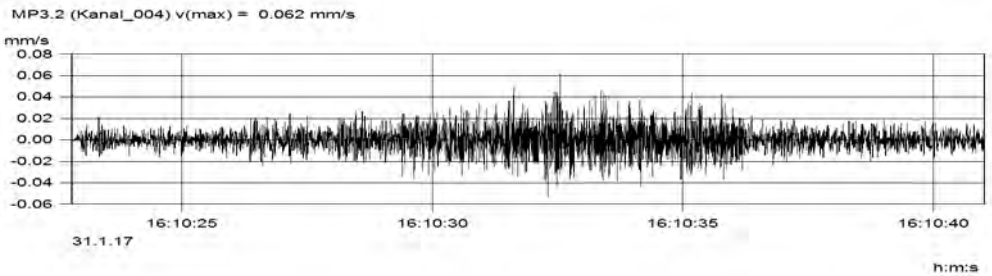
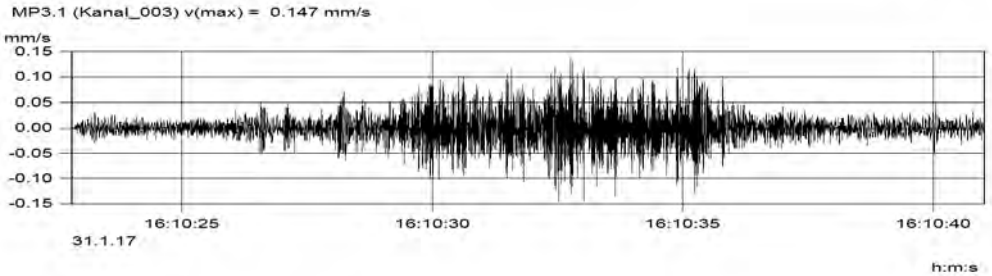
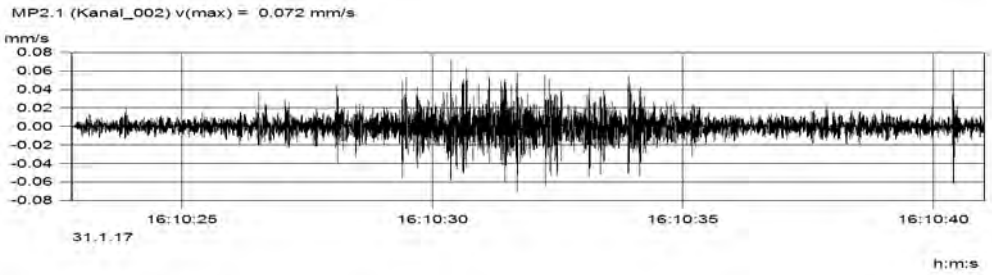
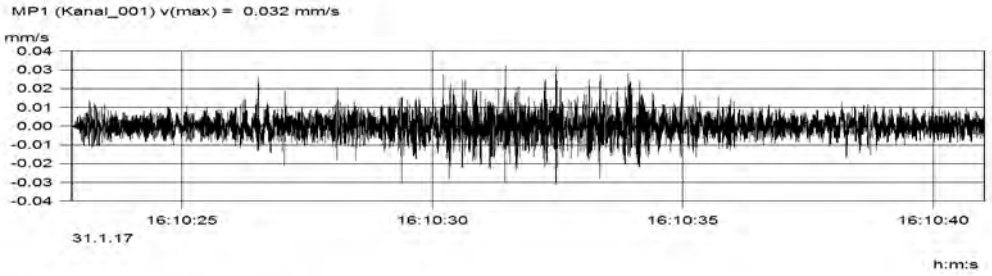


MP3.2 (Kanal\_004)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

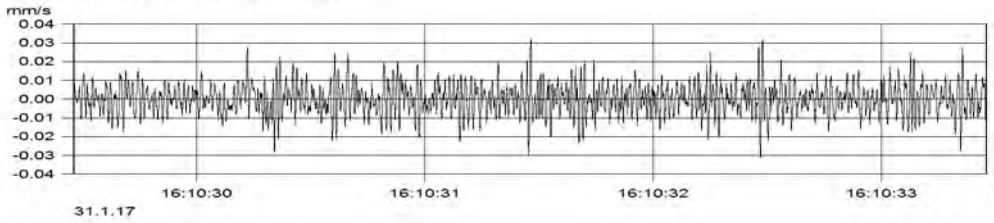


2017-01-31 16-04-08 (26): M8D Ri I



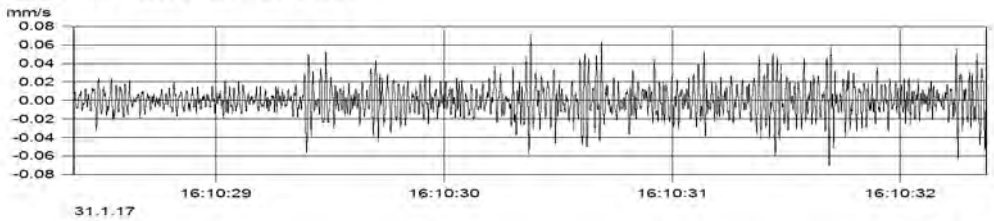
2017-01-31 16-04-08 (26): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.032 mm/s



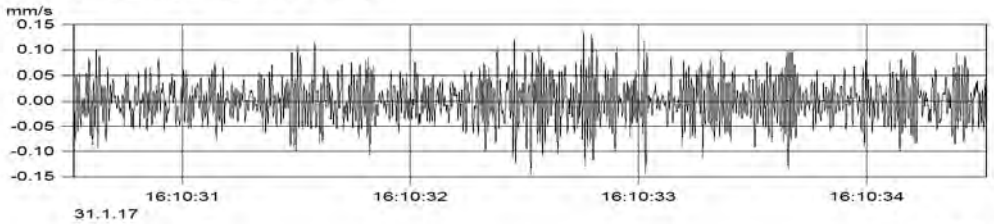
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.072 mm/s



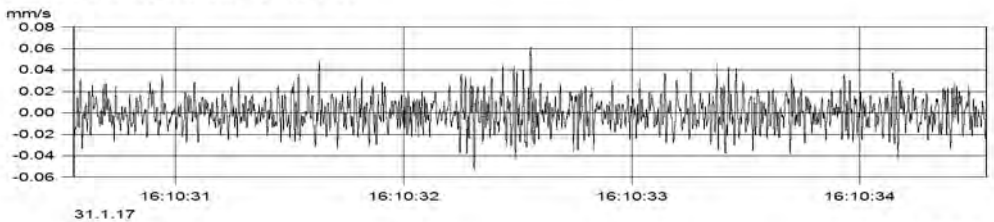
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.147 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.062 mm/s

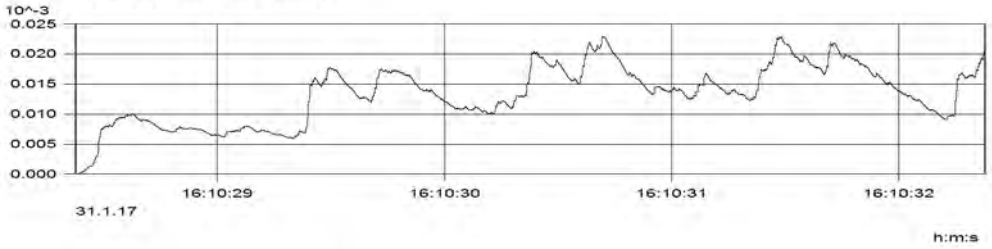


h:m:s

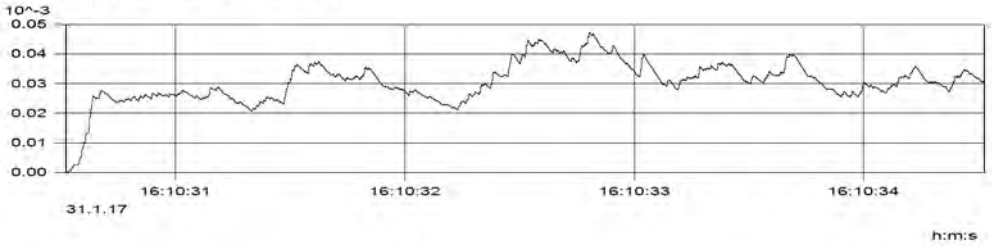


2017-01-31 16:04-08 (26): M8D Ri I

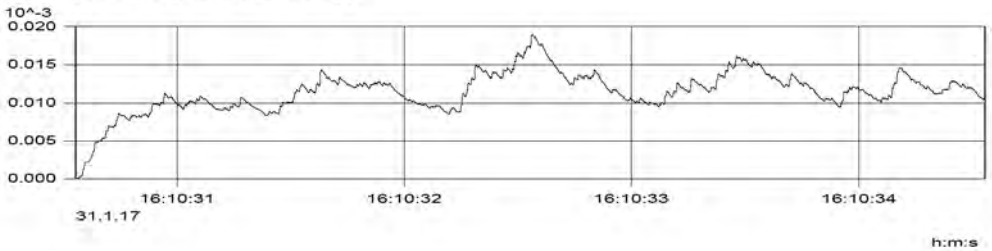
MP2.1 (Kanal\_002) KB(max) = 0.023[-]



MP3.1 (Kanal\_003) KB(max) = 0.047[-]



MP3.2 (Kanal\_004) KB(max) = 0.019[-]



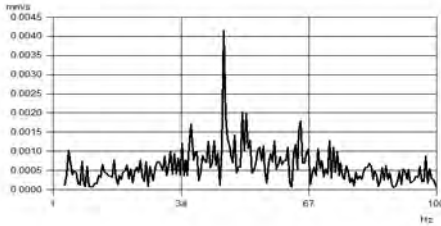


M8D Ri I

2017-01-31 16-04-08 (26)

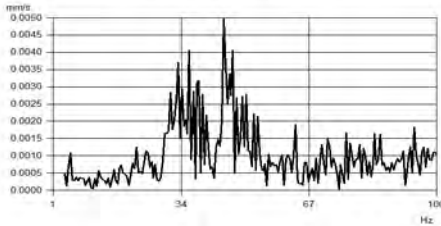
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



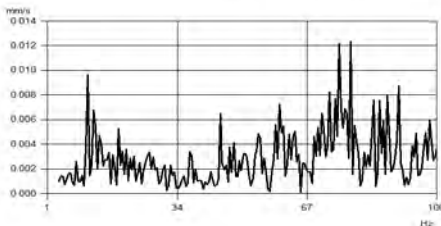
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



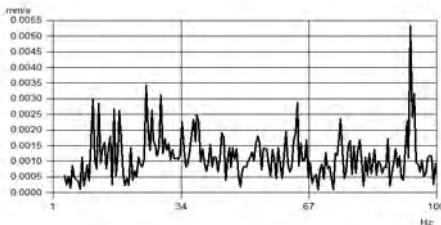
MP3.1 (Kanal\_003)

$f_e = 78.1 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$



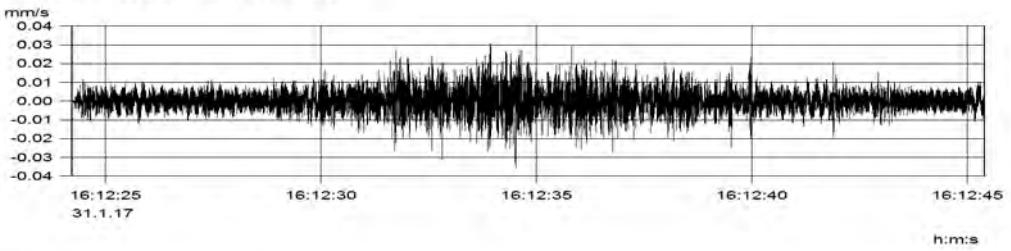
MP3.2 (Kanal\_004)

$f_e = 93.3 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$

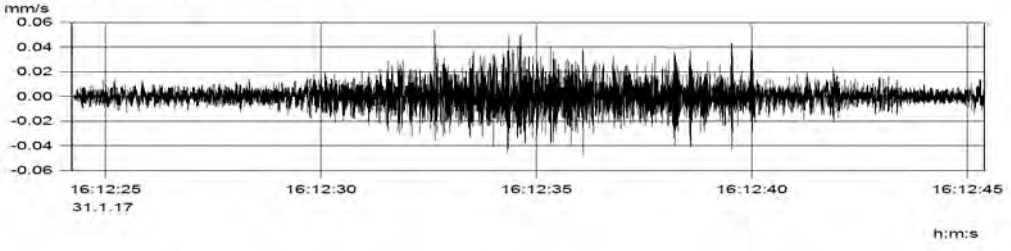


2017-01-31 16-10-44 (27): M8D 3fach Ri II

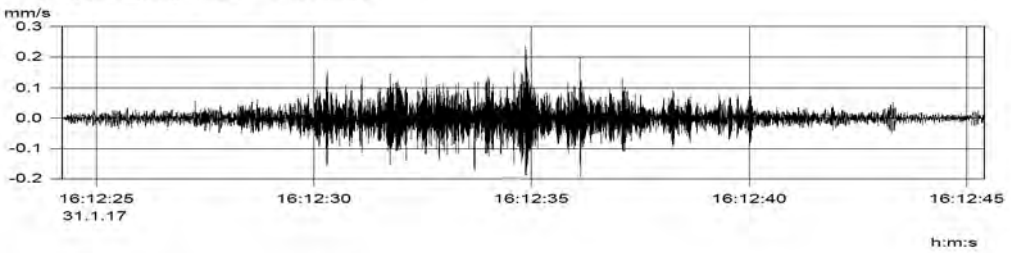
MP1 (Kanal\_001) v(max) = 0.036 mm/s



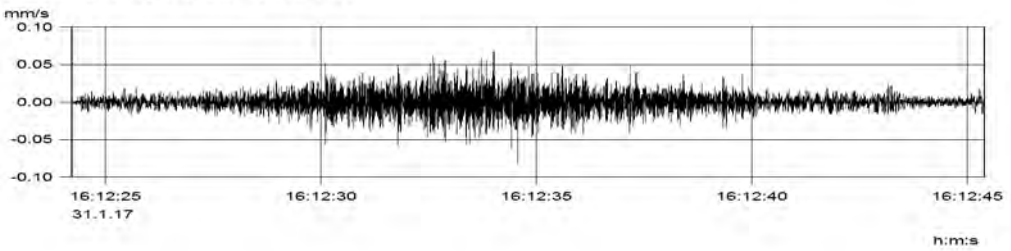
MP2.1 (Kanal\_002) v(max) = 0.054 mm/s



MP3.1 (Kanal\_003) v(max) = 0.238 mm/s

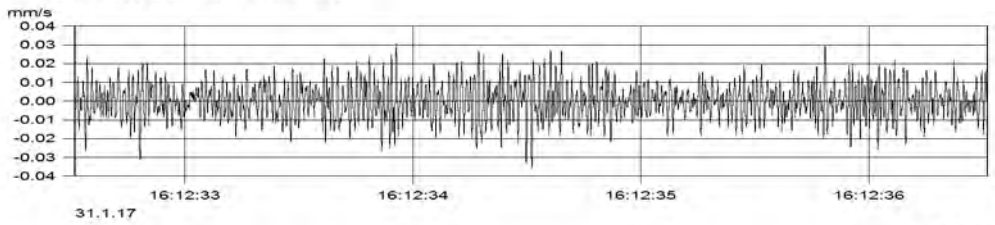


MP3.2 (Kanal\_004) v(max) = 0.082 mm/s



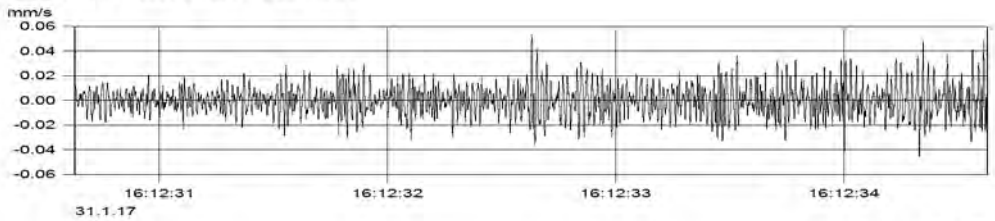
2017-01-31 16-10-44 (27): M8D 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.036 mm/s



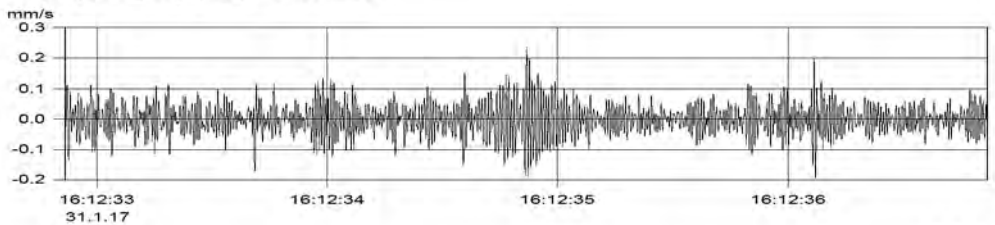
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.054 mm/s



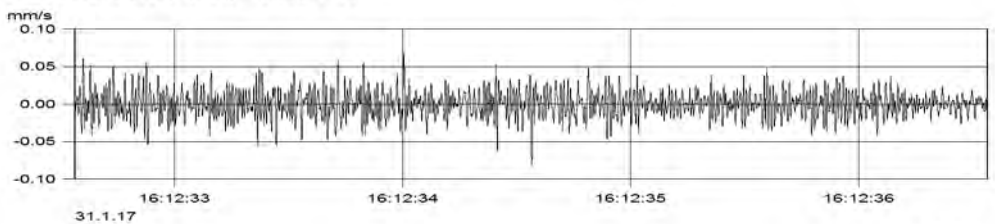
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.238 mm/s



h:m:s

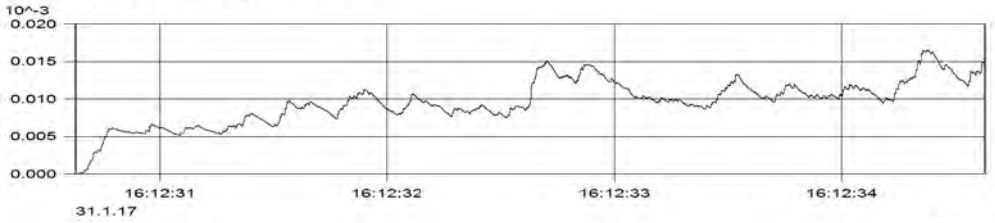
MP3.2 (Kanal\_004) v(max) = 0.082 mm/s



h:m:s

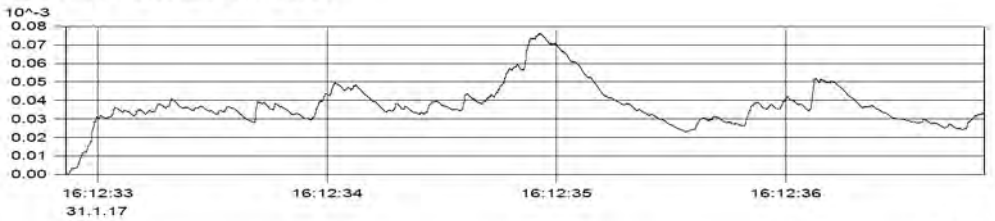
2017-01-31 16-10-44 (27): M8D 3fach Ri II

MP2.1 (Kanal\_002) KB(max) = 0.017[-]



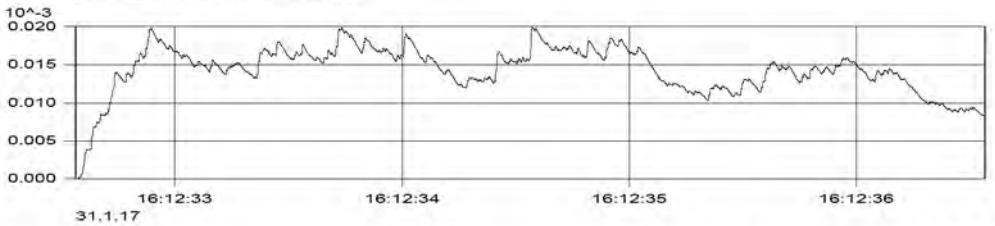
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.076[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.020[-]



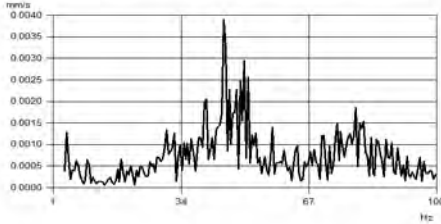
h:m:s

M8D 3fach Ri II

2017-01-31 16-10-44 (27)

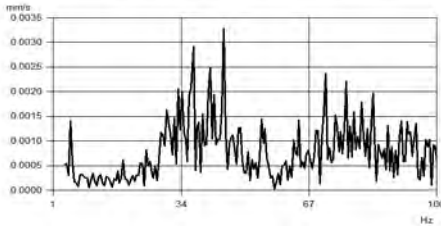
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



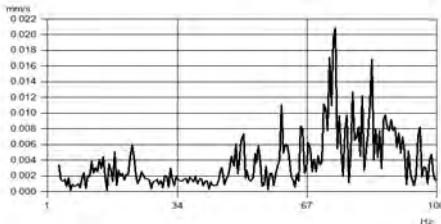
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



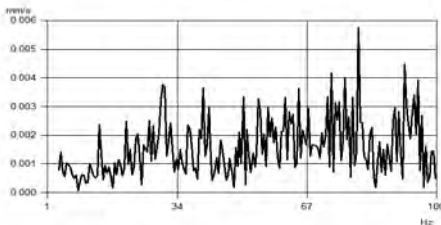
MP3.1 (Kanal\_003)

$f_e = 74.2 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



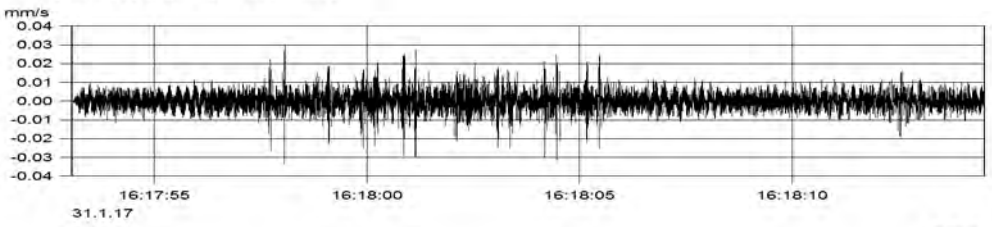
MP3.2 (Kanal\_004)

$f_e = 80.1 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



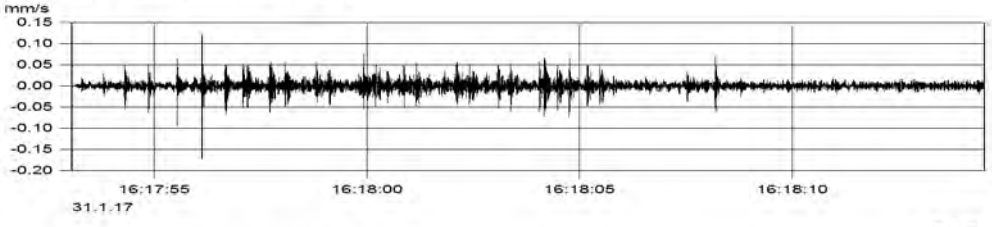
2017-01-31 16-12-56 (28): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.034 mm/s



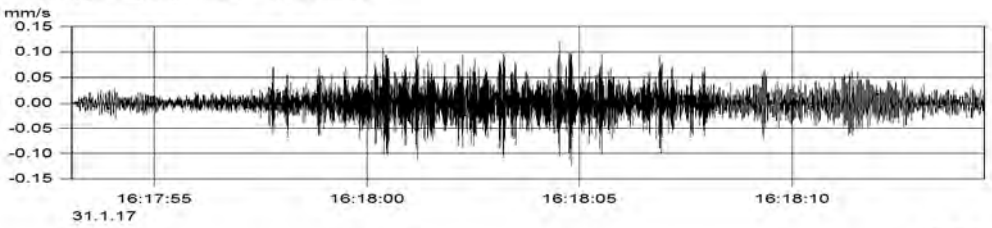
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.173 mm/s



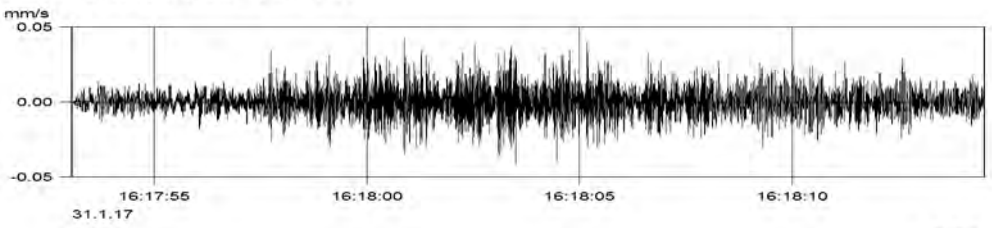
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.123 mm/s



h:m:s

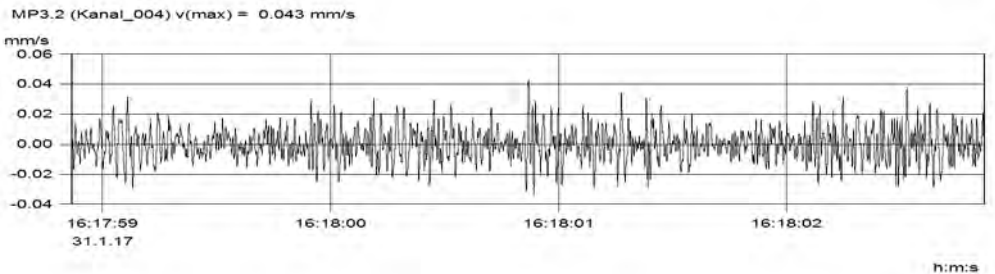
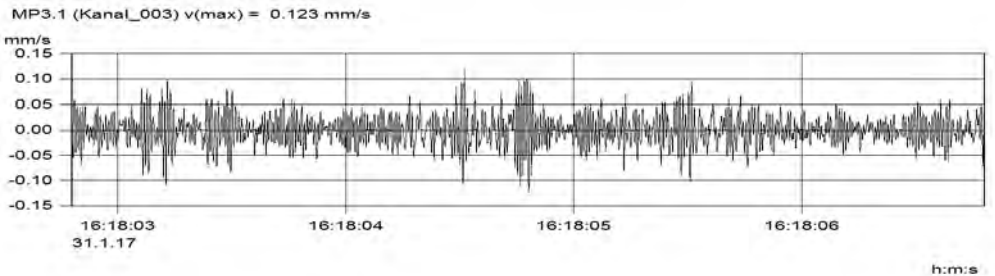
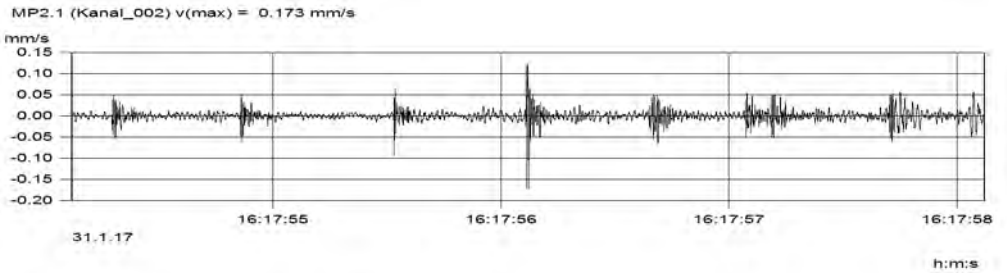
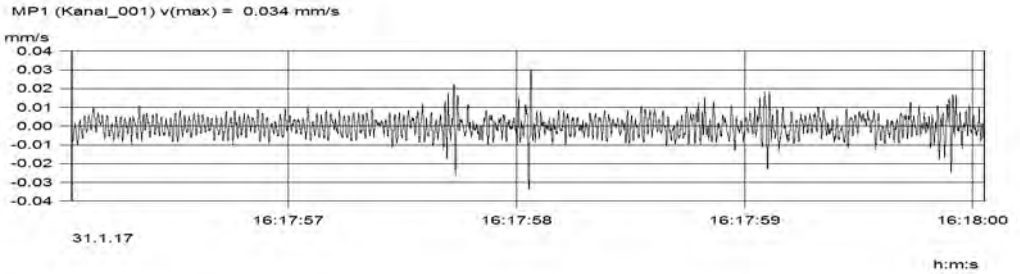
MP3.2 (Kanal\_004) v(max) = 0.043 mm/s



h:m:s

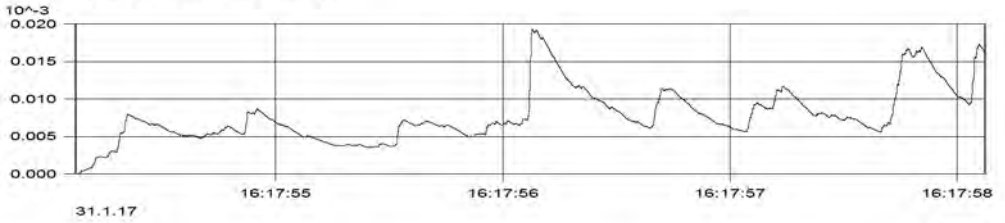


2017-01-31 16-12-56 (28): M8D Ri I



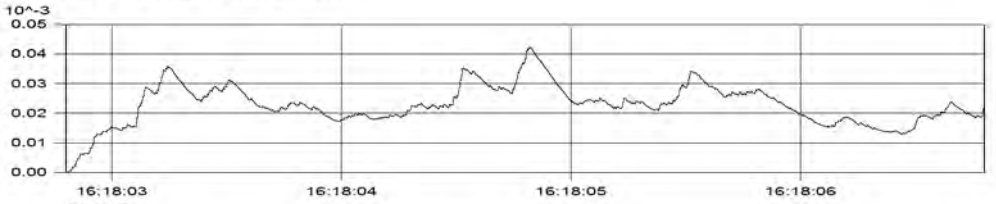
2017-01-31 16:12-56 (28): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.019[-]



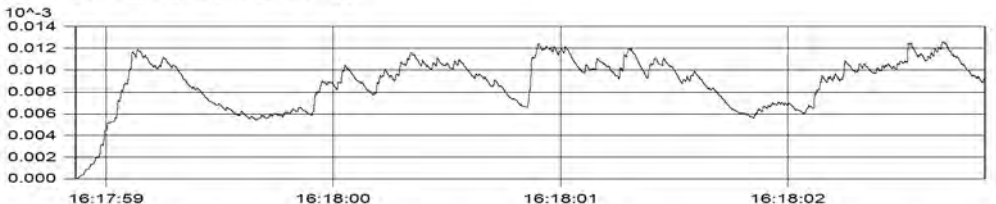
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.042[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.013[-]



h:m:s

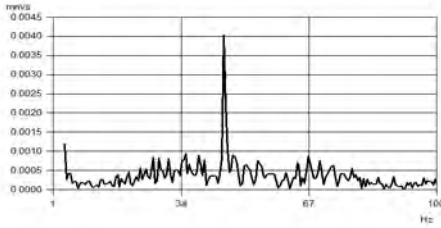


M8D Ri I

2017-01-31 16-12-56 (28)

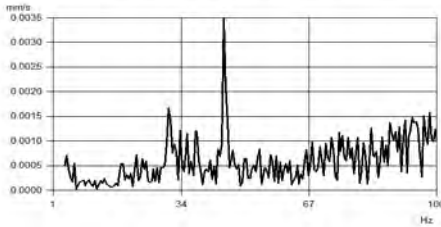
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



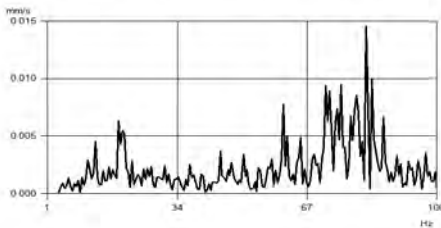
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



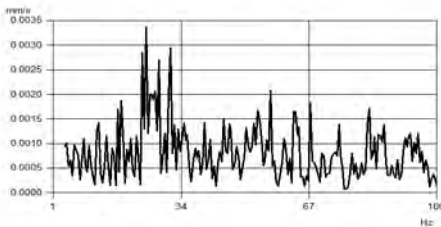
MP3.1 (Kanal\_003)

$f_e = 82.0 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



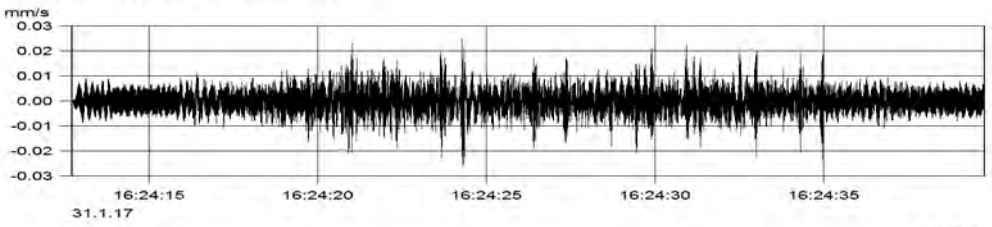
MP3.2 (Kanal\_004)

$f_e = 24.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



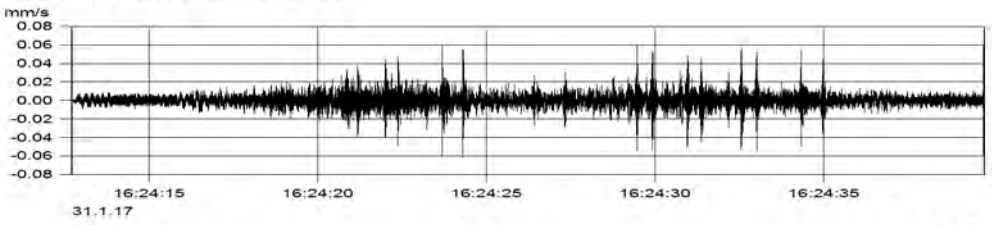
2017-01-31 16-18-18 (29): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.026 mm/s



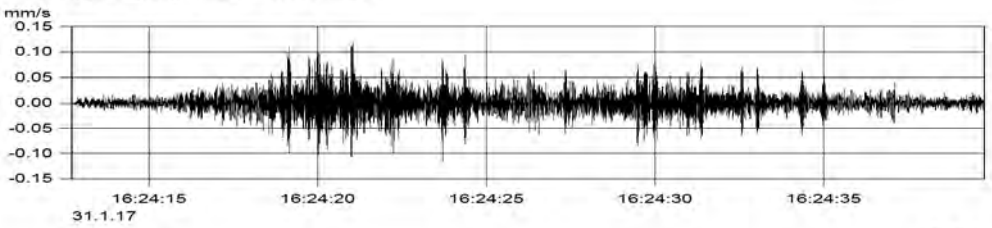
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.061 mm/s



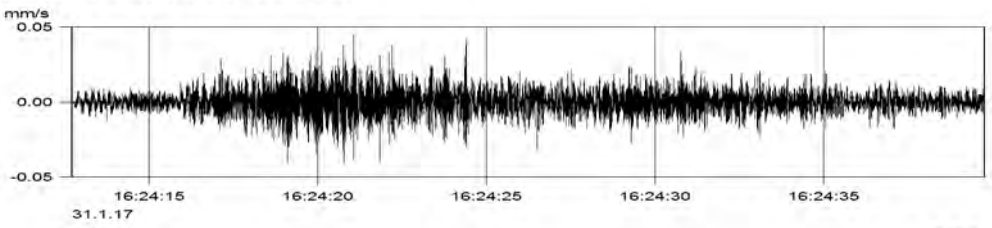
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.118 mm/s



h:m:s

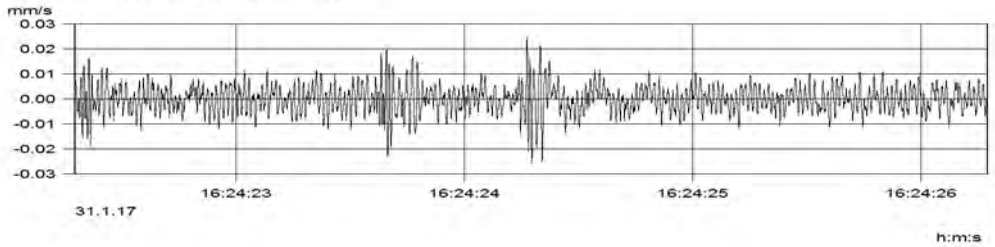
MP3.2 (Kanal\_004) v(max) = 0.045 mm/s



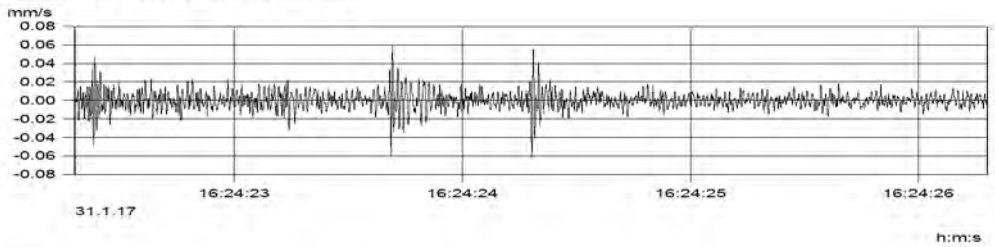
h:m:s

2017-01-31 16:18-18 (29): M8D Ri II

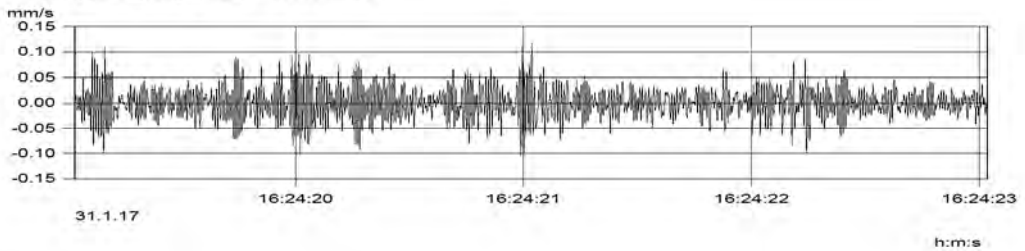
MP1 (Kanal\_001) v(max) = 0.026 mm/s



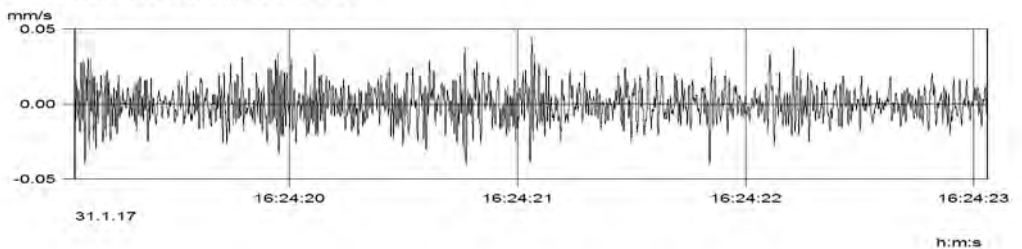
MP2.1 (Kanal\_002) v(max) = 0.061 mm/s



MP3.1 (Kanal\_003) v(max) = 0.118 mm/s

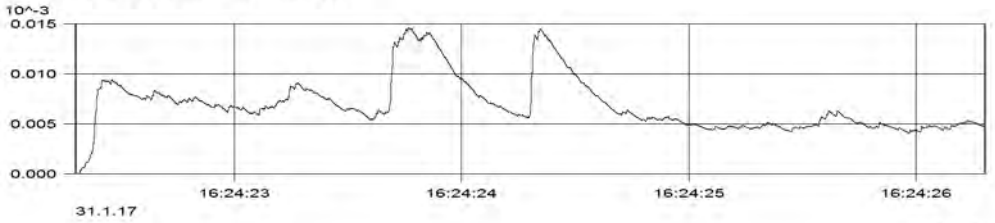


MP3.2 (Kanal\_004) v(max) = 0.045 mm/s



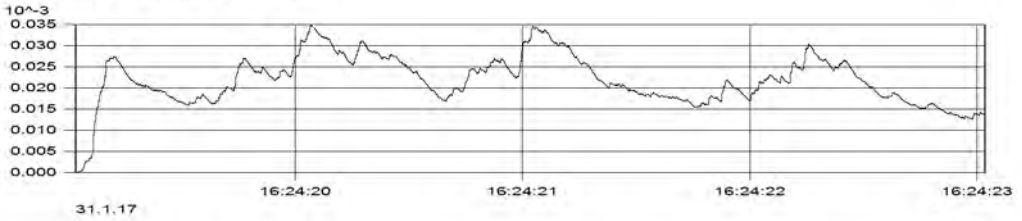
2017-01-31 16-18-18 (29): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.015[-]



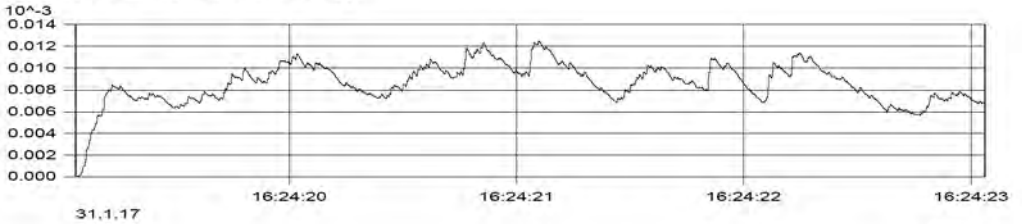
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.035[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.012[-]



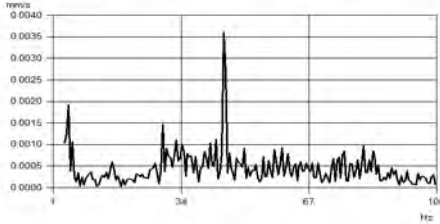
h:m:s

M8D Ri II

2017-01-31 16-18-18 (29)

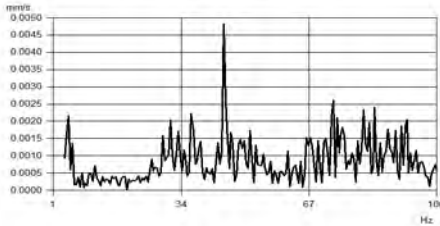
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



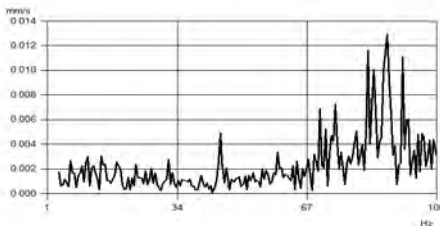
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



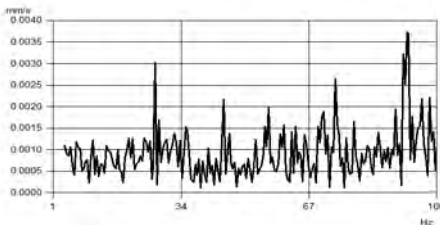
MP3.1 (Kanal\_003)

$f_e = 87.4 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$

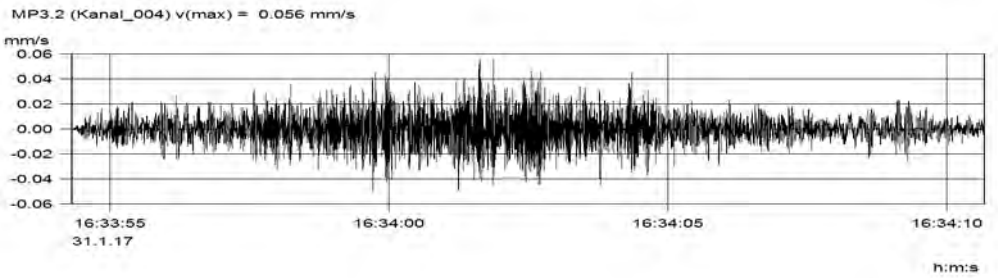
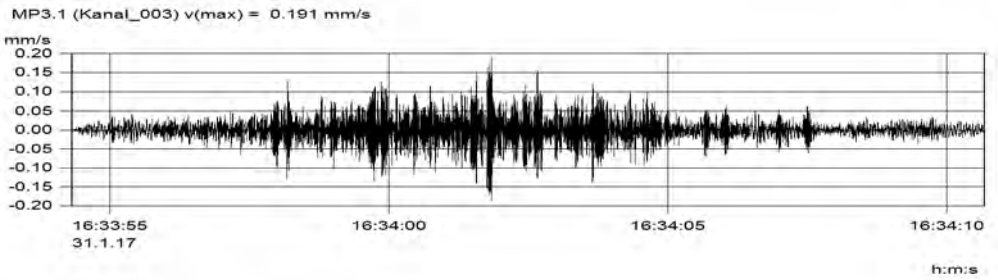
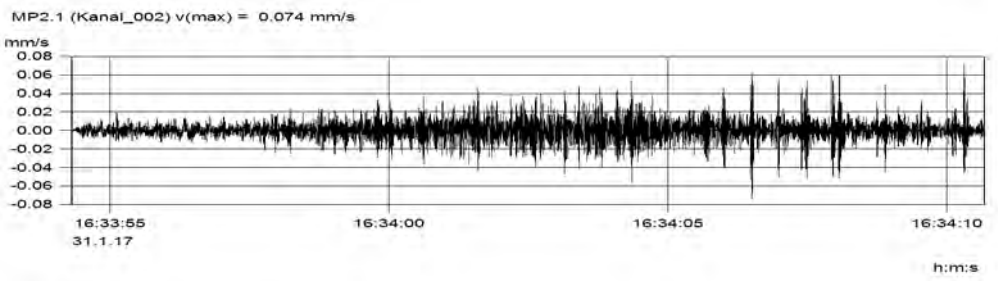
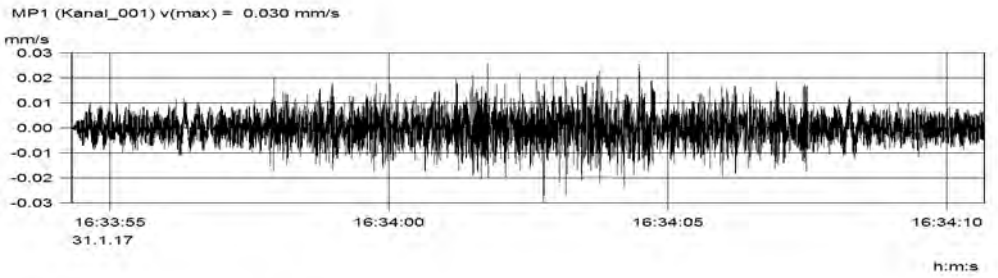


MP3.2 (Kanal\_004)

$f_e = 92.3 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$

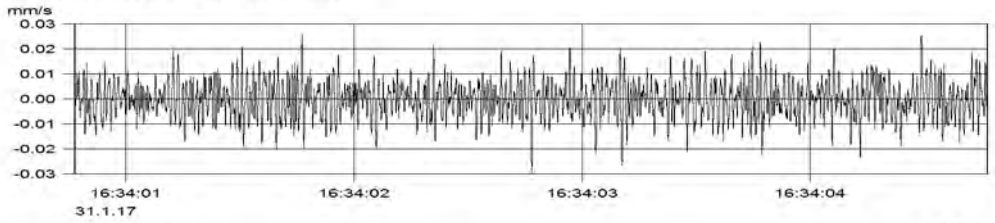


2017-01-31 16:31-34 (31): M8D Ri II



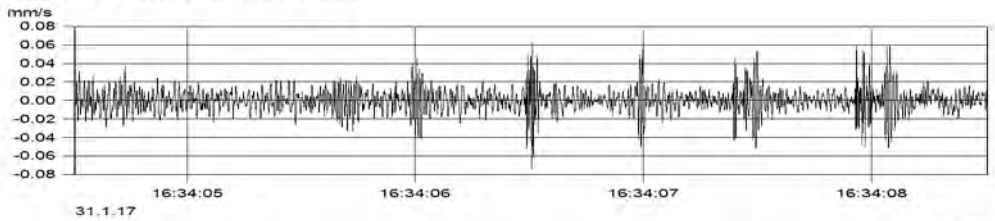
2017-01-31 16:31-34 (31): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.030 mm/s



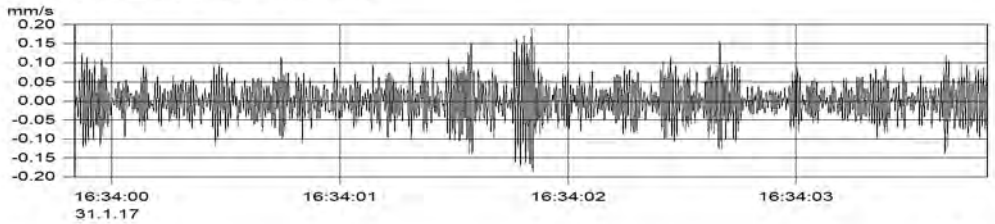
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.074 mm/s



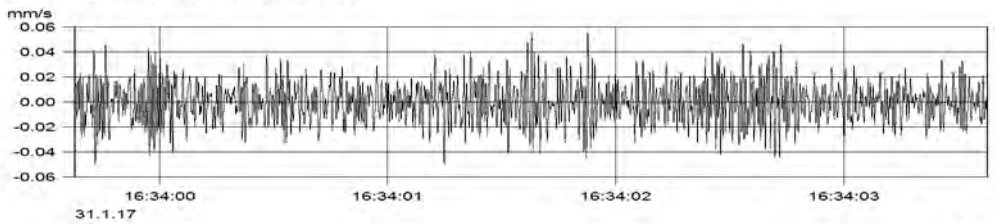
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.191 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.056 mm/s

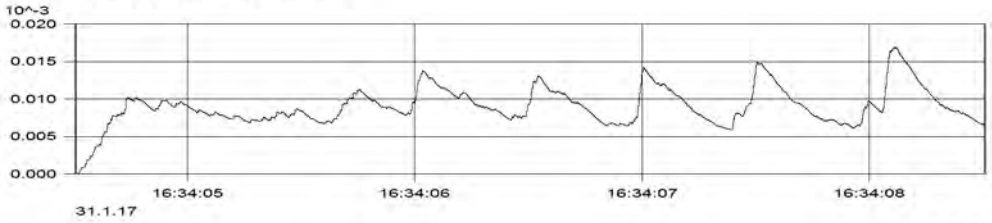


h:m:s



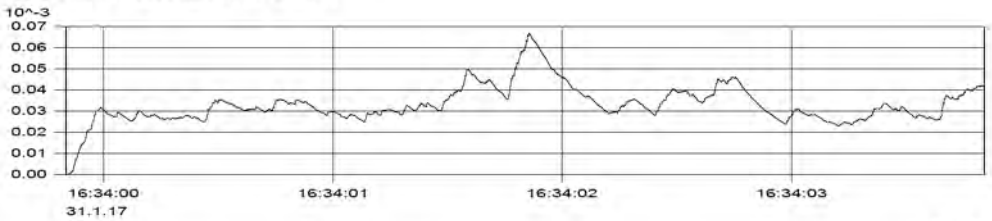
2017-01-31 16:31-34 (31): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.017[-]



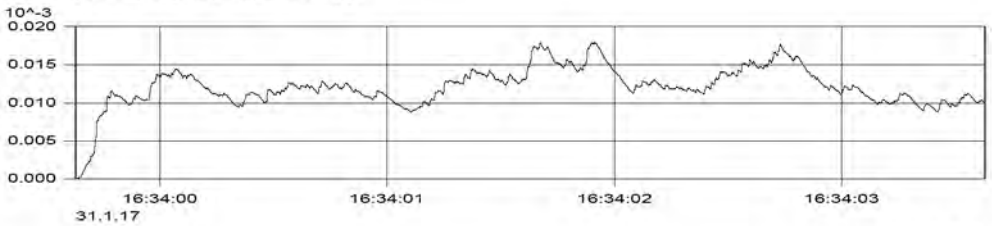
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.067[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.018[-]



h:m:s

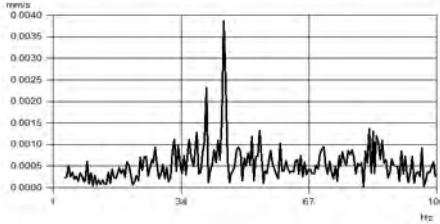


M8D Ri II

2017-01-31 16-31-34 (31)

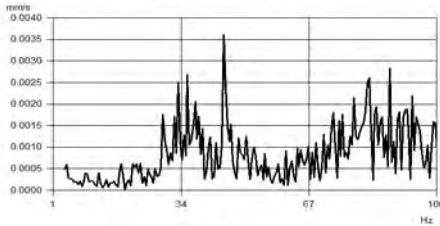
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



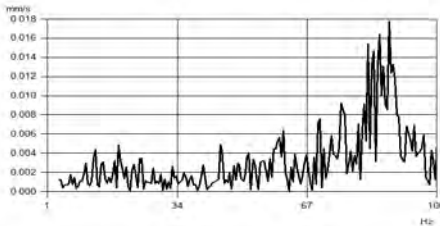
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



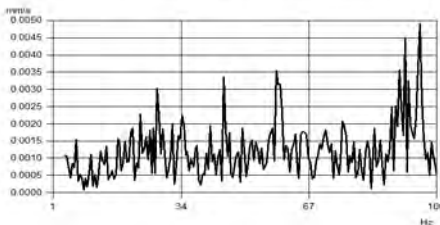
MP3.1 (Kanal\_003)

$f_e = 87.9 \text{ Hz} / v(\text{max}) = 0.018 \text{ mm/s}$



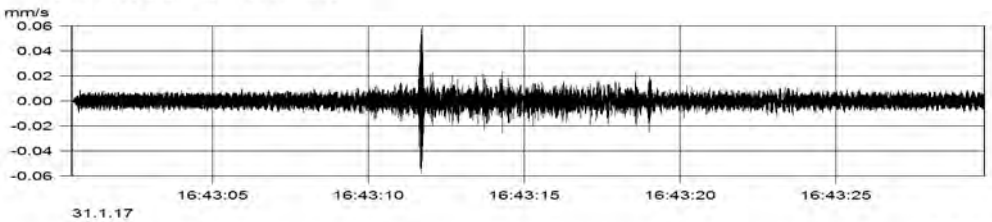
MP3.2 (Kanal\_004)

$f_e = 95.7 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



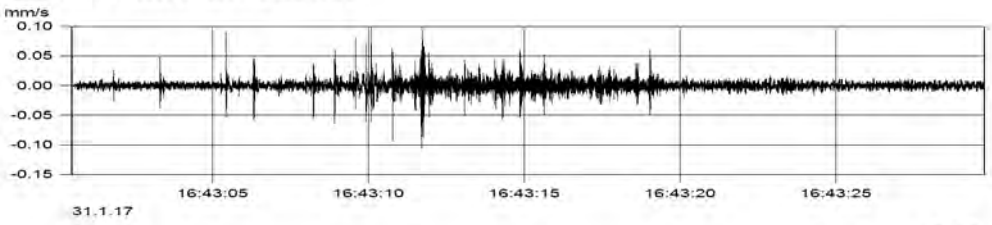
2017-01-31 16:34-20 (32): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.059 mm/s



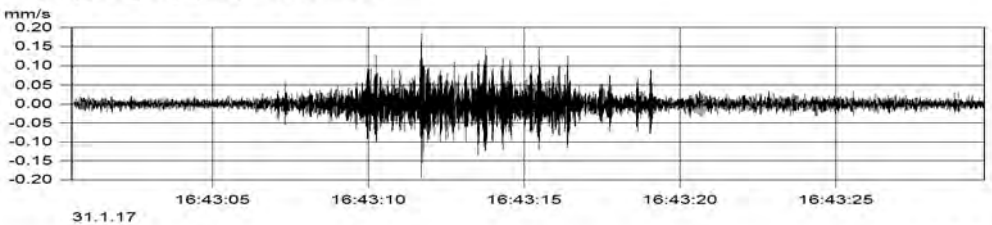
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.106 mm/s



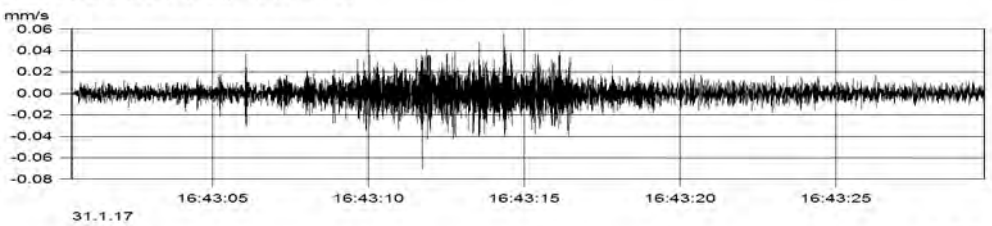
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.195 mm/s



h:m:s

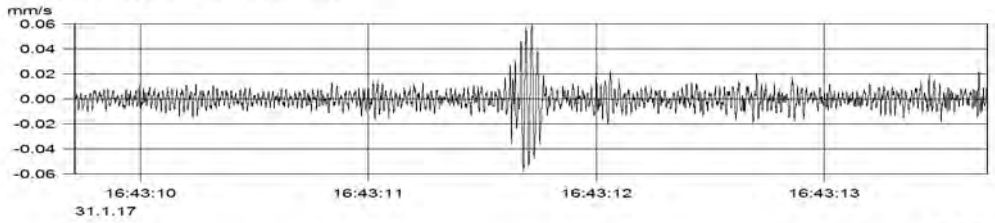
MP3.2 (Kanal\_004) v(max) = 0.071 mm/s



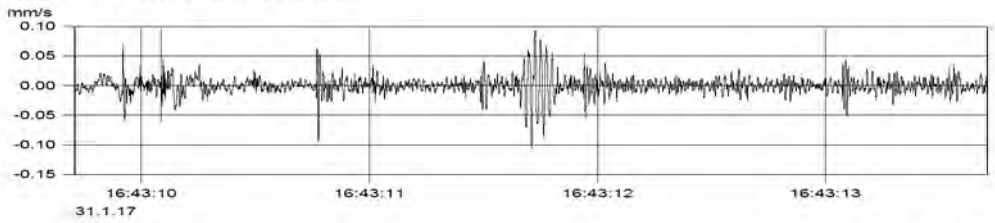
h:m:s

2017-01-31 16:34-20 (32): M8D Ri II

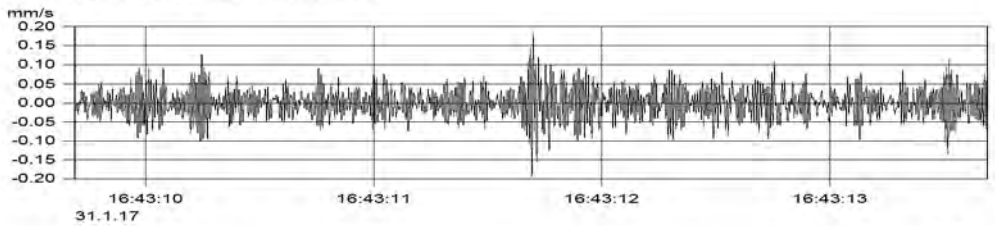
MP1 (Kanal\_001) v(max) = 0.059 mm/s



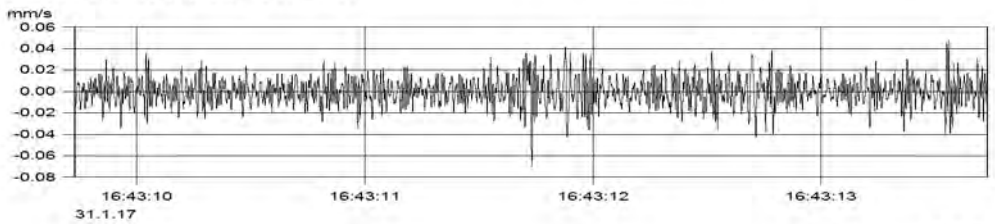
MP2.1 (Kanal\_002) v(max) = 0.106 mm/s



MP3.1 (Kanal\_003) v(max) = 0.195 mm/s

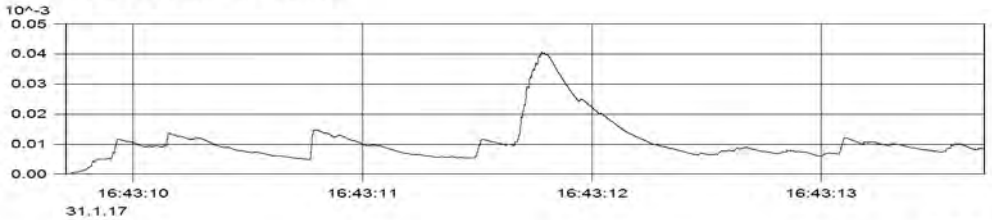


MP3.2 (Kanal\_004) v(max) = 0.071 mm/s



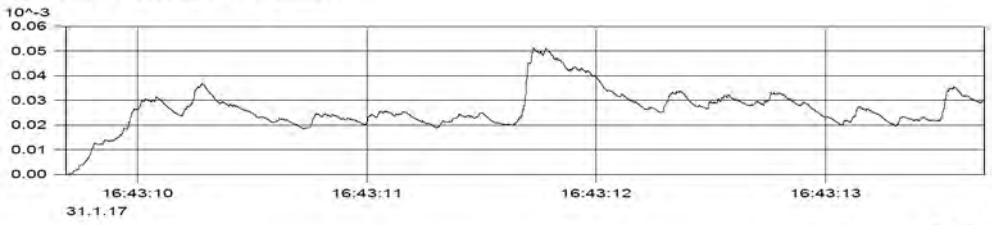
2017-01-31 16:34-20 (32): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.041[-]



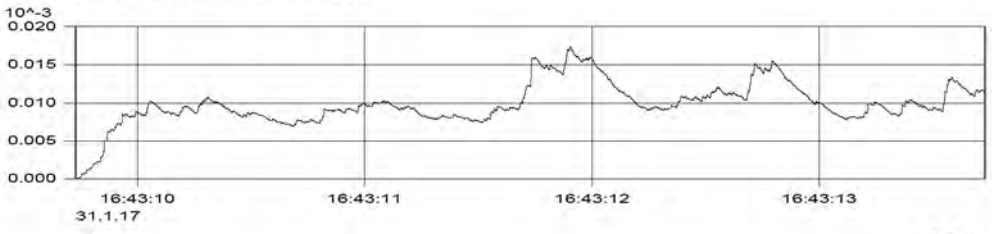
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.052[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.017[-]



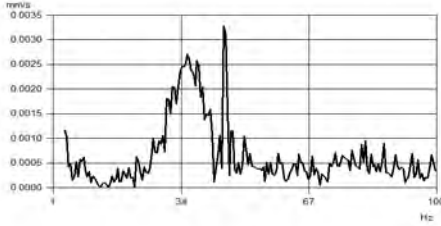
h:m:s

M8D Ri II

2017-01-31 16-34-20 (32)

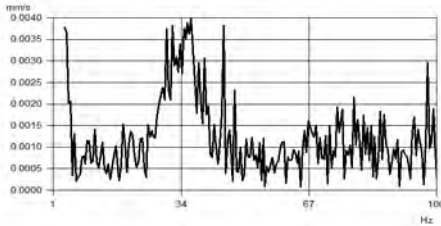
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



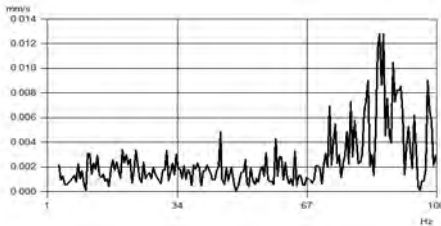
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



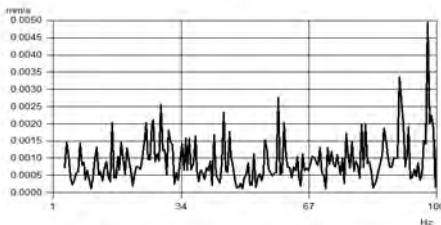
MP3.1 (Kanal\_003)

$f_e = 85.4 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$



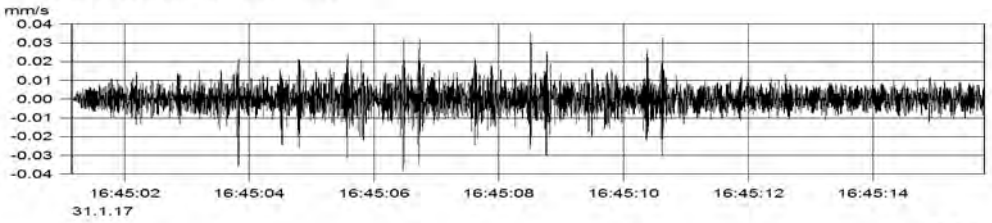
MP3.2 (Kanal\_004)

$f_e = 97.7 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



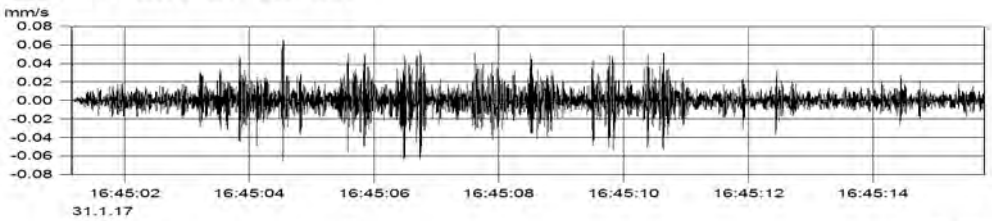
2017-01-31 16:43-32 (33): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.039 mm/s



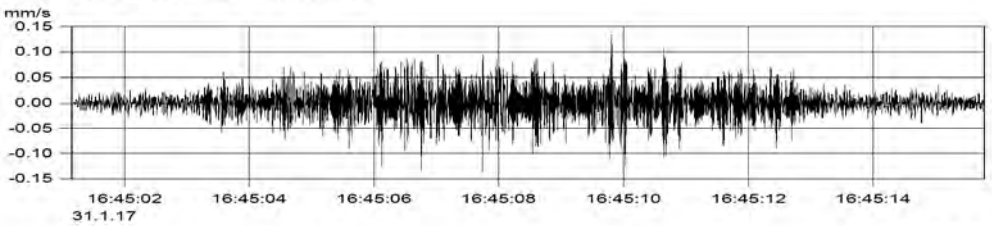
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.066 mm/s



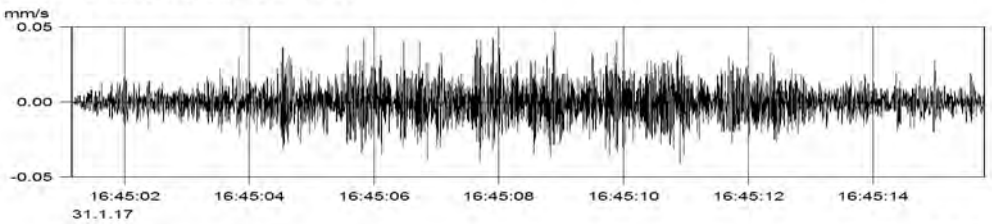
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.136 mm/s



h:m:s

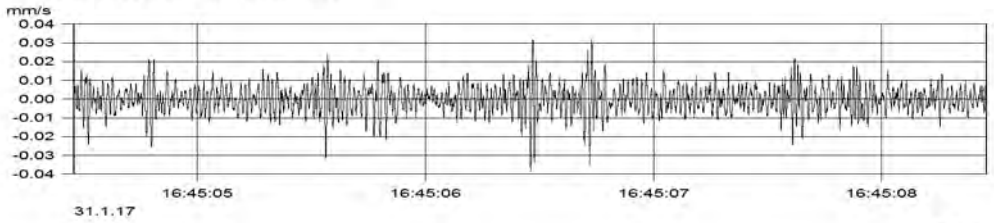
MP3.2 (Kanal\_004) v(max) = 0.047 mm/s



h:m:s

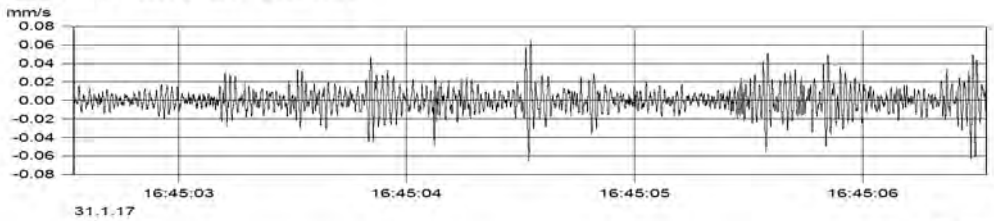
2017-01-31 16:43-32 (33): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.039 mm/s



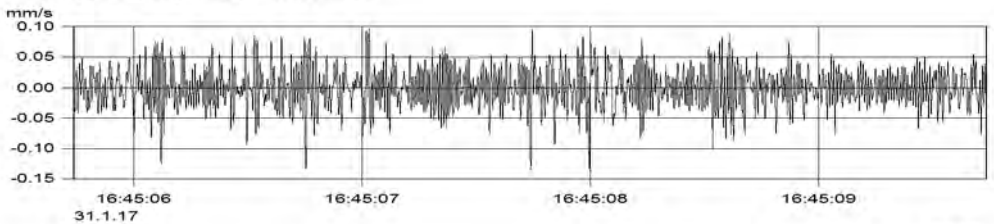
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.066 mm/s



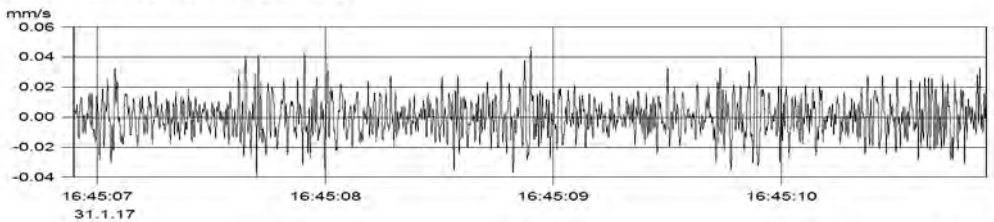
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.136 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.047 mm/s

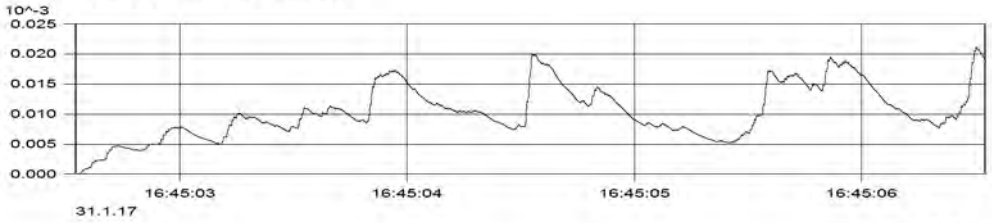


h:m:s

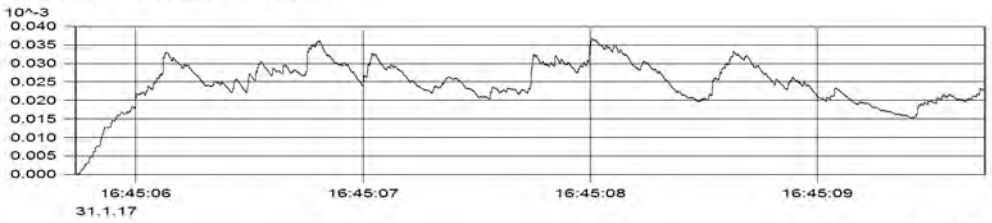


2017-01-31 16:43-32 (33): M8D Ri I

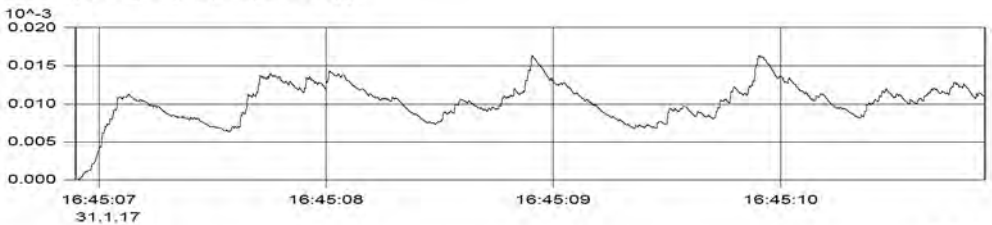
MP2.1 (Kanal\_002) KB(max) = 0.021[-]



MP3.1 (Kanal\_003) KB(max) = 0.037[-]



MP3.2 (Kanal\_004) KB(max) = 0.016[-]



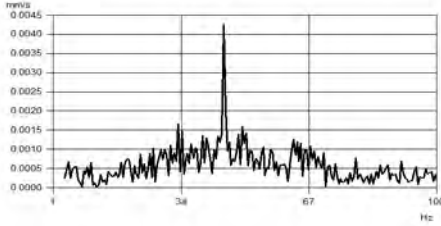


M8D Ri I

2017-01-31 16-43-32 (33)

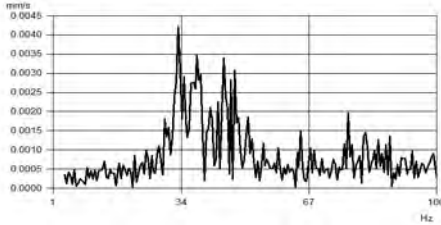
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



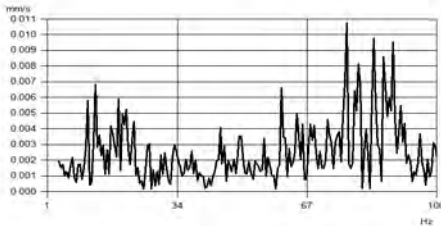
MP2.1 (Kanal\_002)

$f_e = 33.2 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



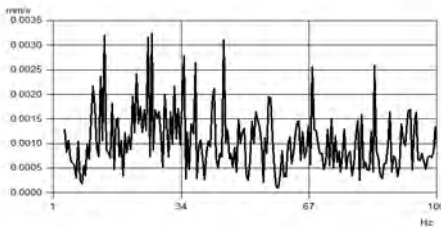
MP3.1 (Kanal\_003)

$f_e = 77.1 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



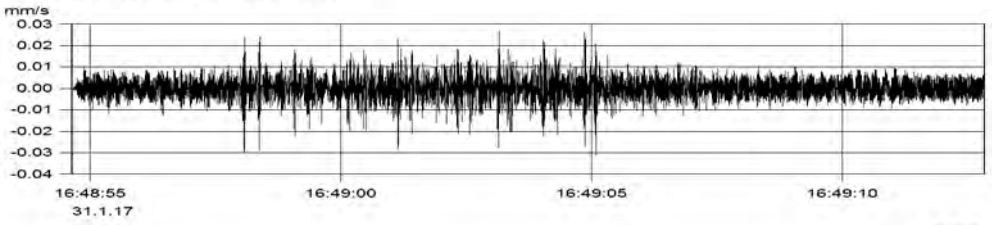
MP3.2 (Kanal\_004)

$f_e = 26.4 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



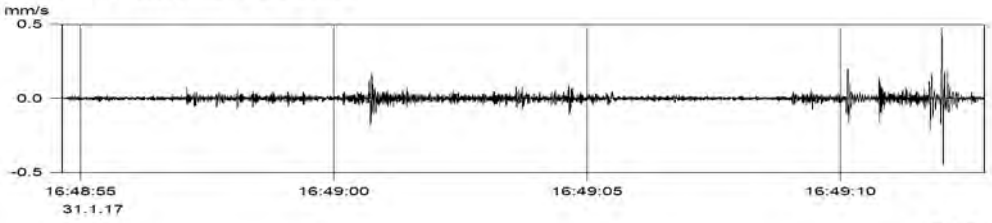
2017-01-31 16:45-22 (34): M8D Ri I

MP1 (Kanal\_001) v(max) = 0.031 mm/s



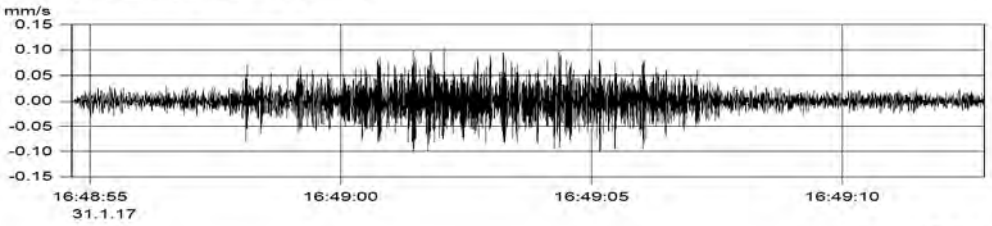
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.478 mm/s



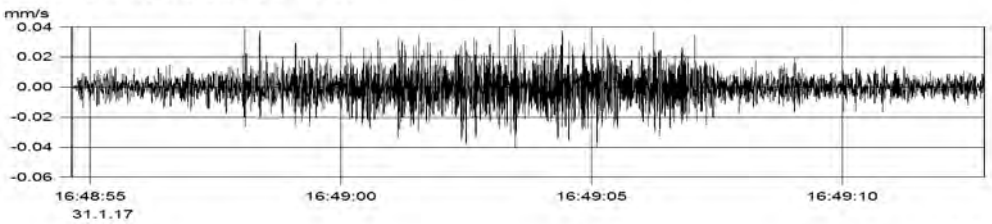
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.104 mm/s



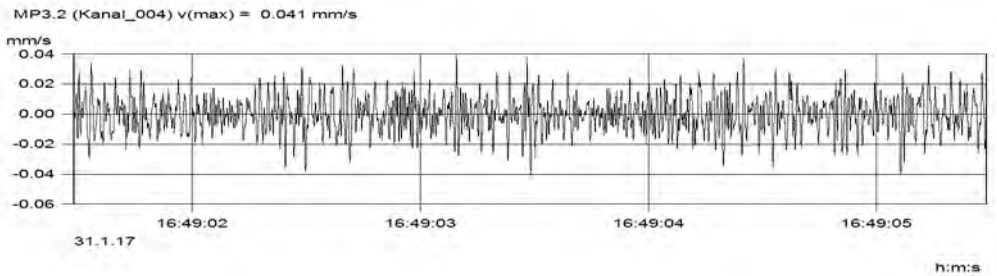
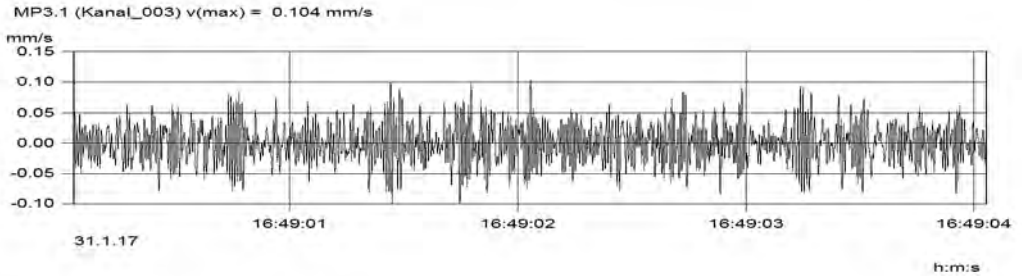
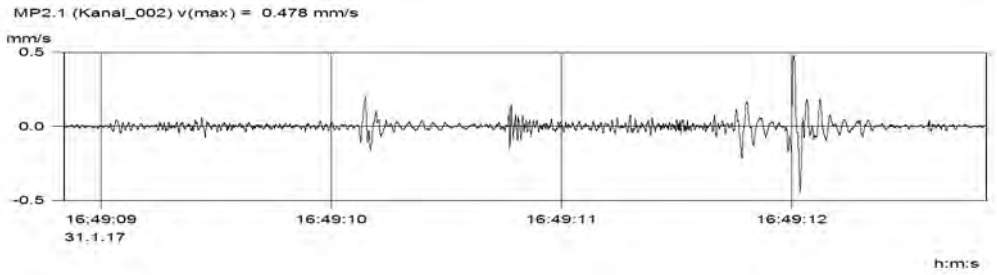
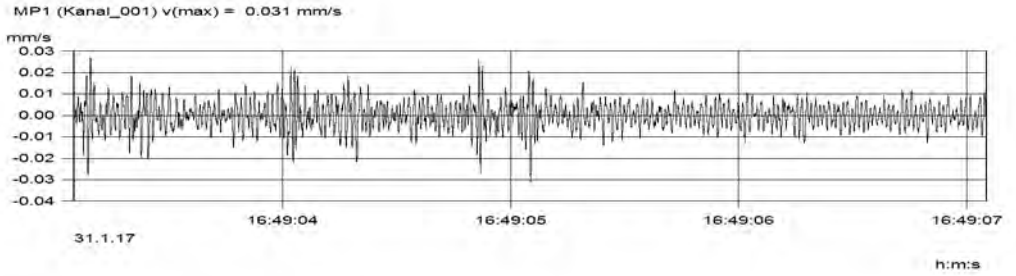
h:m:s

MP3.2 (Kanal\_004) v(max) = 0.041 mm/s



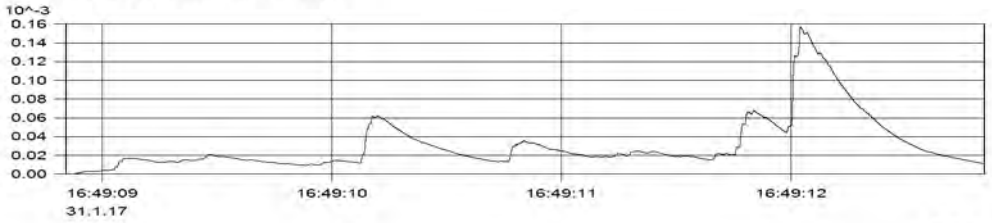
h:m:s

2017-01-31 16:45-22 (34): M8D Ri I



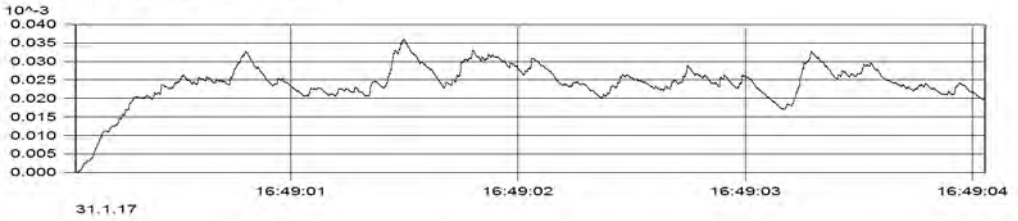
2017-01-31 16:45-22 (34): M8D Ri I

MP2.1 (Kanal\_002) KB(max) = 0.157[-]



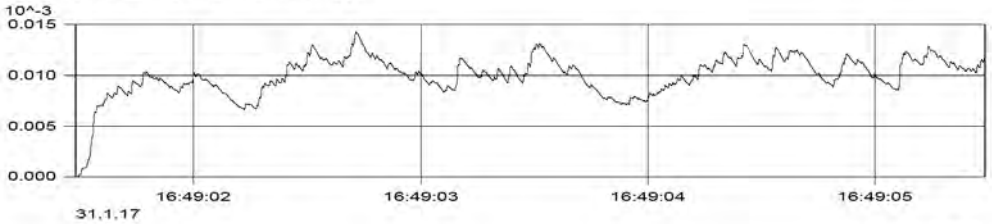
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.036[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.014[-]



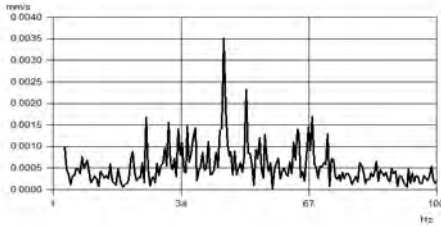
h:m:s

M8D Ri I

2017-01-31 16:45:22 (34)

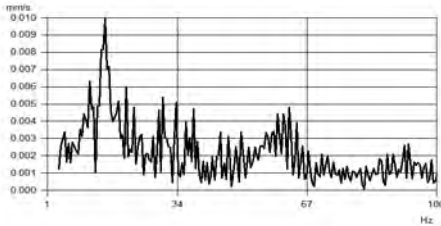
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



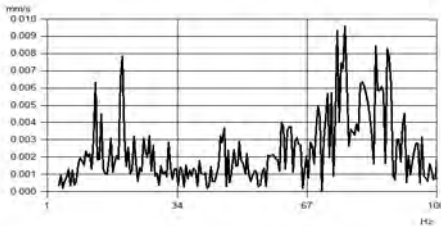
MP2.1 (Kanal\_002)

$f_e = 15.6 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



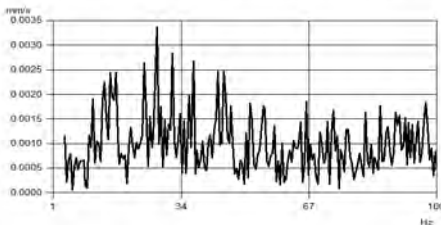
MP3.1 (Kanal\_003)

$f_e = 76.7 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$

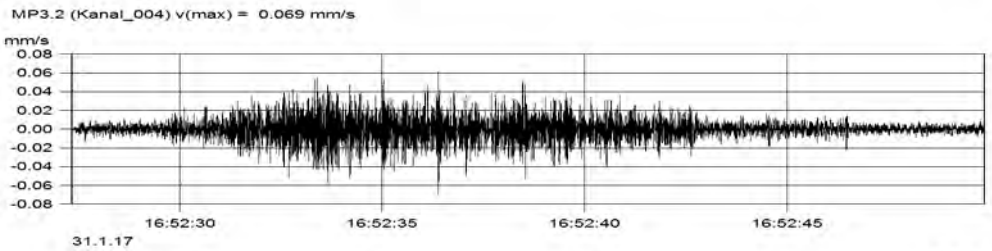
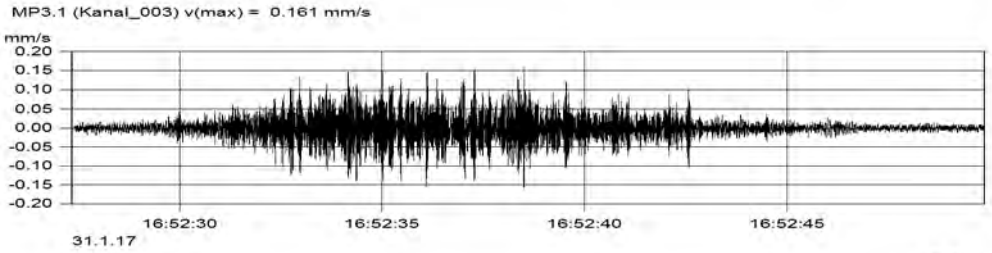
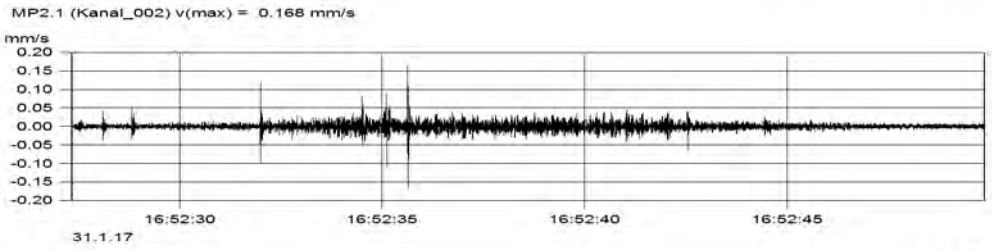
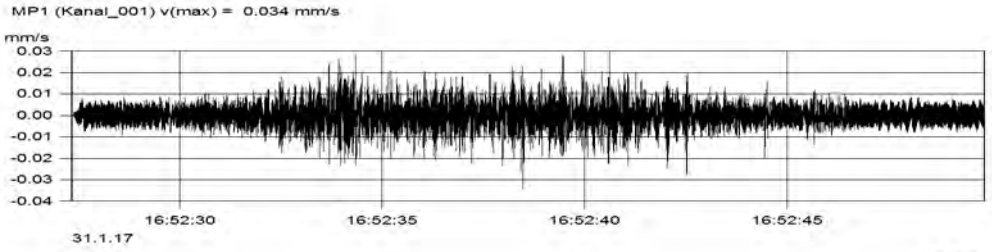


MP3.2 (Kanal\_004)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

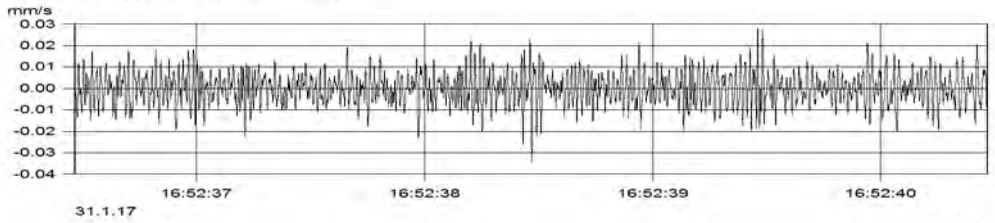


2017-01-31 16:49-16 (35): M8D 3fach Ri II



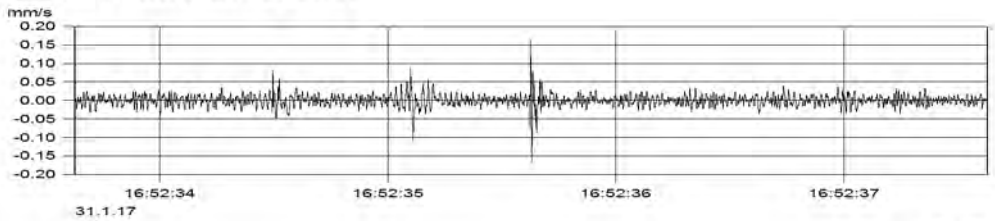
2017-01-31 16:49-16 (35): M8D 3fach Ri II

MP1 (Kanal\_001) v(max) = 0.034 mm/s



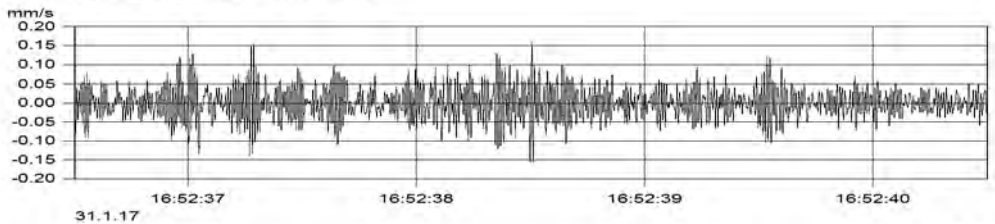
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.168 mm/s



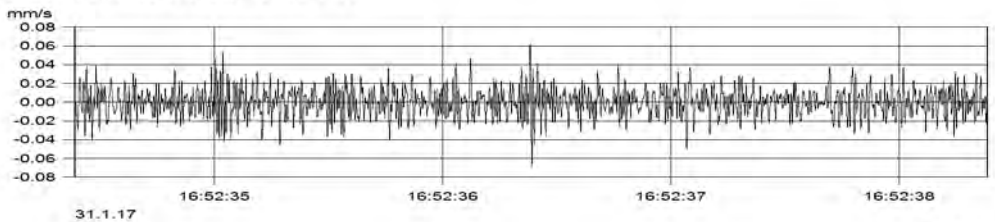
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.161 mm/s



h:m:s

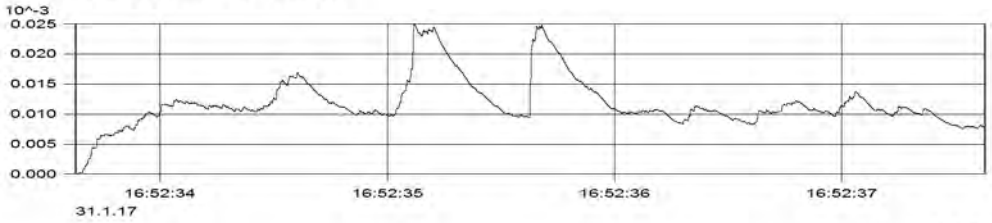
MP3.2 (Kanal\_004) v(max) = 0.069 mm/s



h:m:s

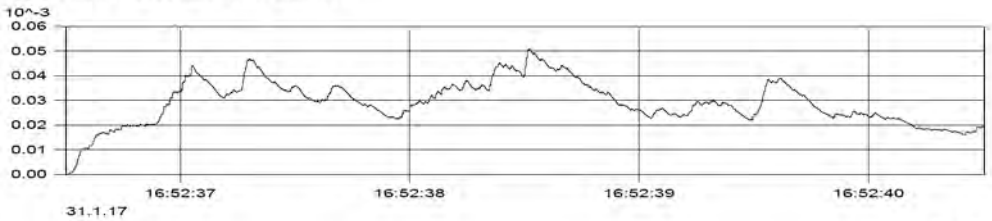
2017-01-31 16:49-16 (35): M8D 3fach Ri II

MP2.1 (Kanal\_002) KB(max) = 0.025[-]



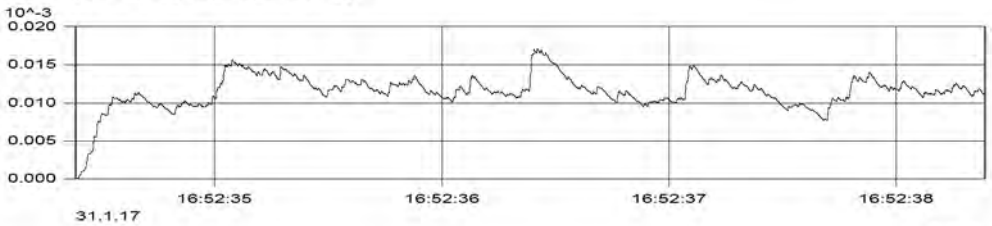
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.051[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.017[-]



h:m:s

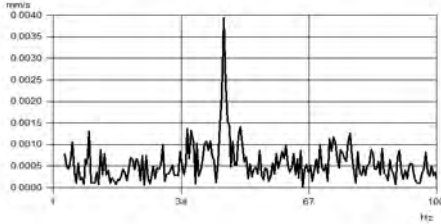


M8D 3fach Ri II

2017-01-31 16-49-16 (35)

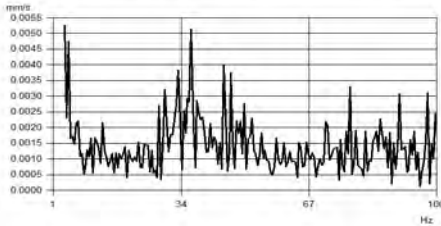
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



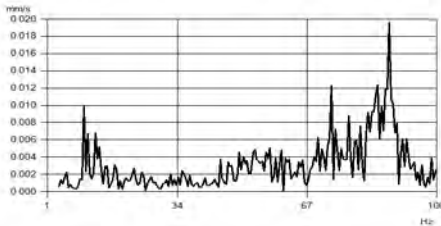
MP2.1 (Kanal\_002)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



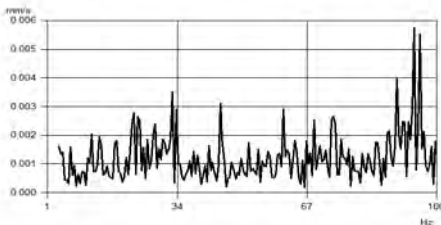
MP3.1 (Kanal\_003)

$f_e = 87.9 \text{ Hz} / v(\text{max}) = 0.020 \text{ mm/s}$



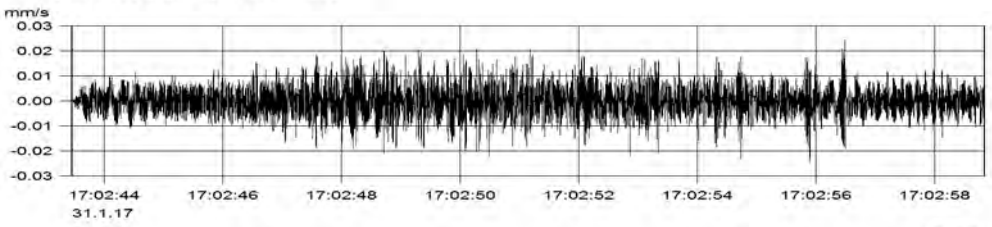
MP3.2 (Kanal\_004)

$f_e = 94.2 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



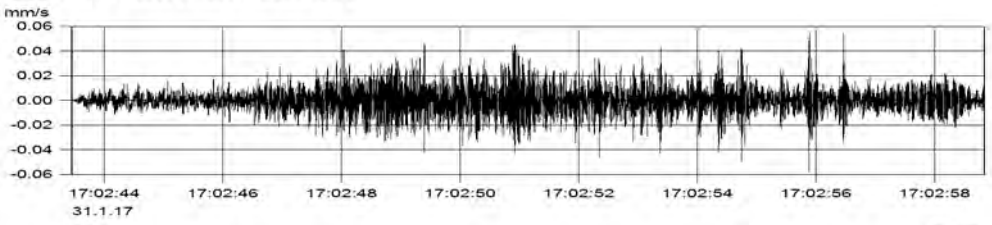
2017-01-31 16:59-20 (37): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.025 mm/s



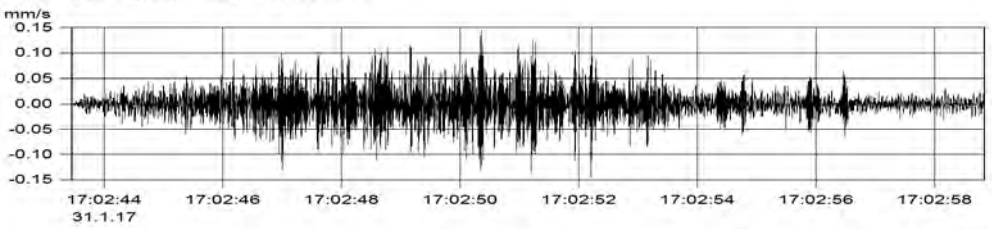
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.058 mm/s



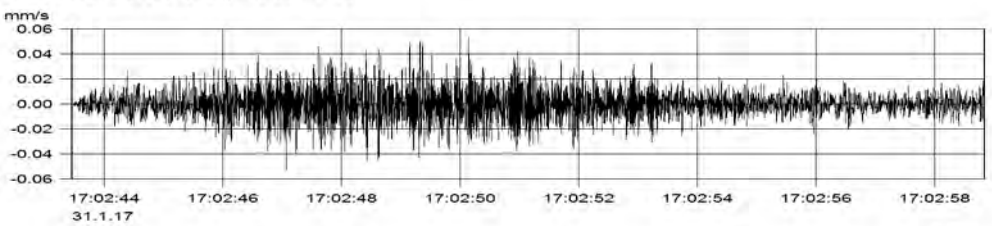
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.150 mm/s



h:m:s

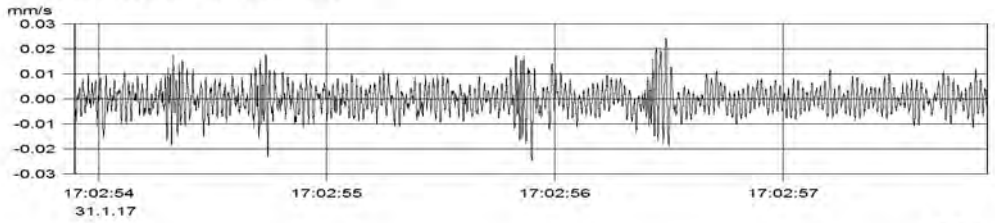
MP3.2 (Kanal\_004) v(max) = 0.053 mm/s



h:m:s

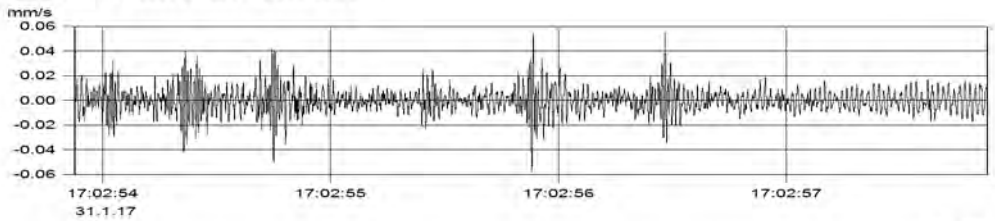
2017-01-31 16:59-20 (37): M8D Ri II

MP1 (Kanal\_001) v(max) = 0.025 mm/s



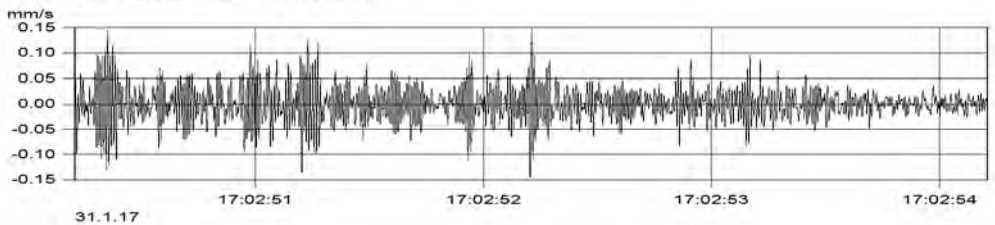
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.058 mm/s



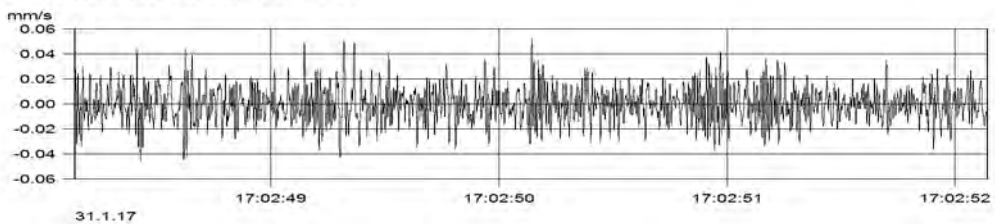
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.150 mm/s



h:m:s

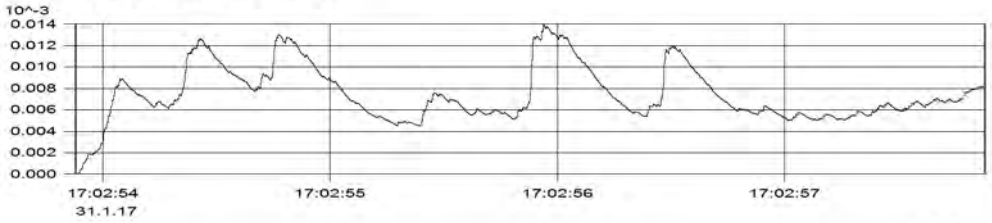
MP3.2 (Kanal\_004) v(max) = 0.053 mm/s



h:m:s

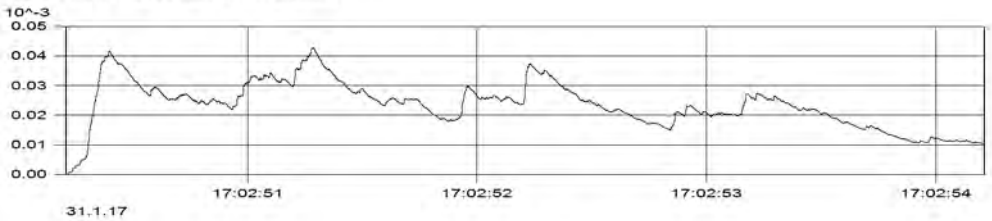
2017-01-31 16-59-20 (37): M8D Ri II

MP2.1 (Kanal\_002) KB(max) = 0.014[-]



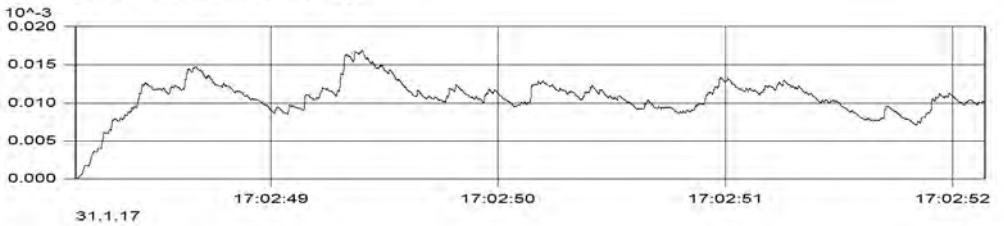
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.043[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.017[-]



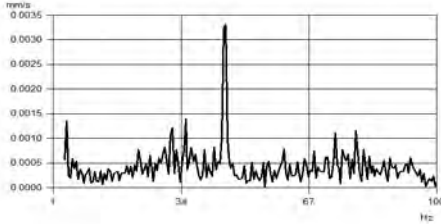
h:m:s

M8D Ri II

2017-01-31 16-59-20 (37)

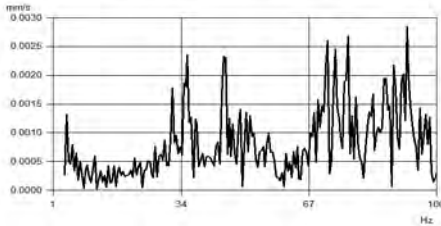
MP1 (Kanal\_001)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



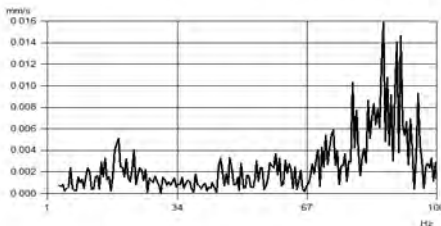
MP2.1 (Kanal\_002)

$f_e = 92.3 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



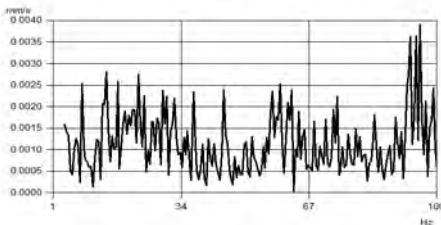
MP3.1 (Kanal\_003)

$f_e = 86.4 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$

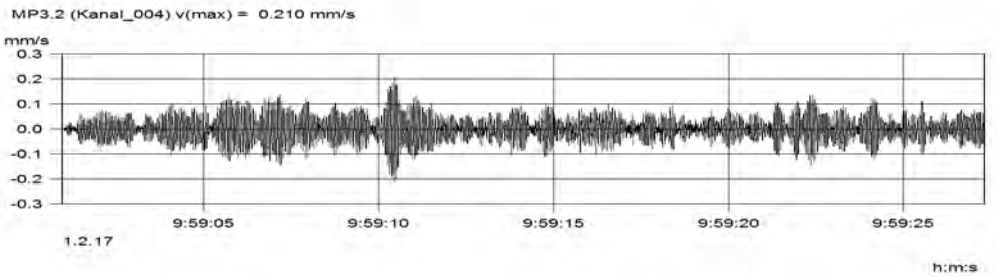
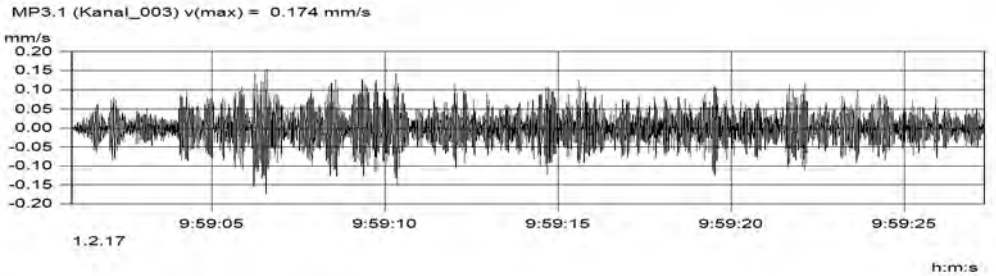
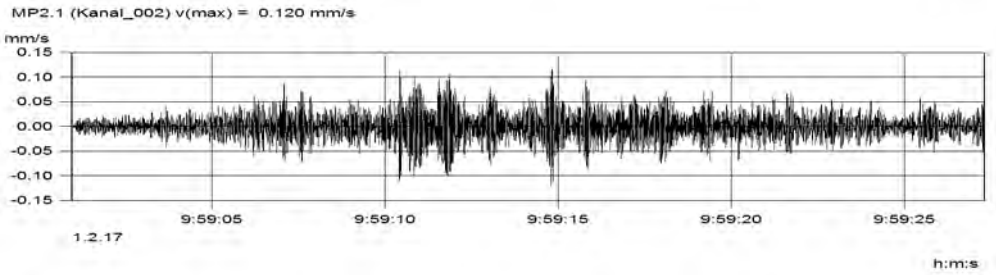
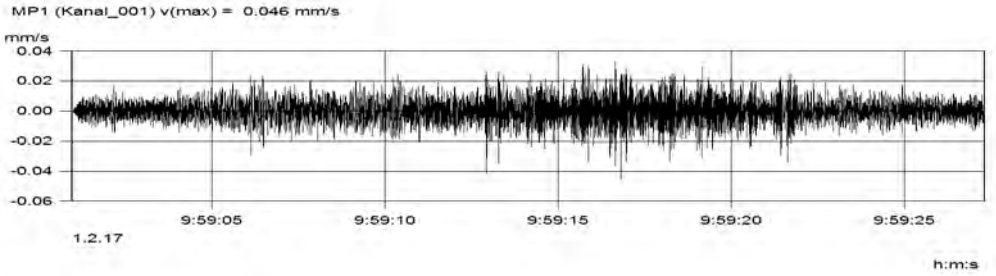


MP3.2 (Kanal\_004)

$f_e = 95.7 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$

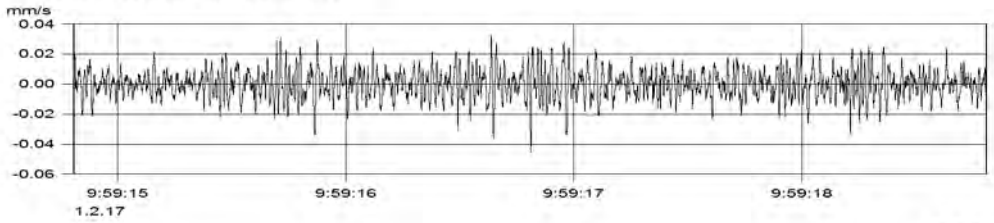


2017-02-01 09:53-31 (5): M8D Ril



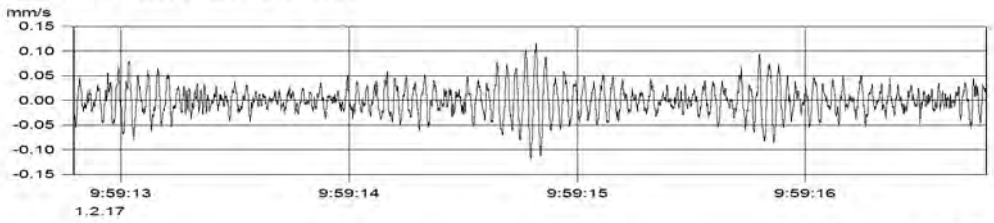
2017-02-01 09:53-31 (5): M8D Ril

MP1 (Kanal\_001) v(max) = 0.046 mm/s



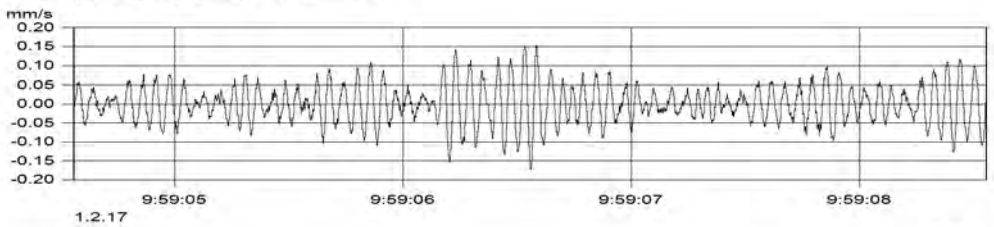
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.120 mm/s



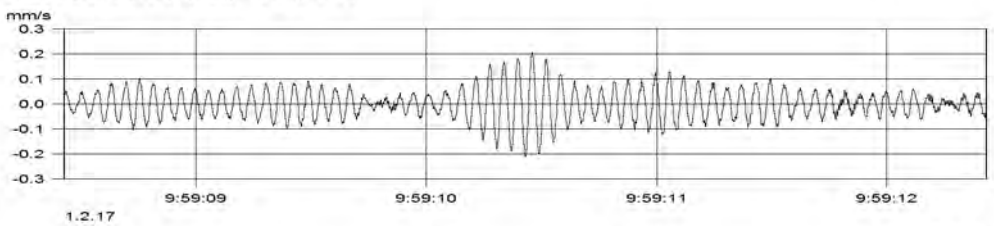
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.174 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.210 mm/s

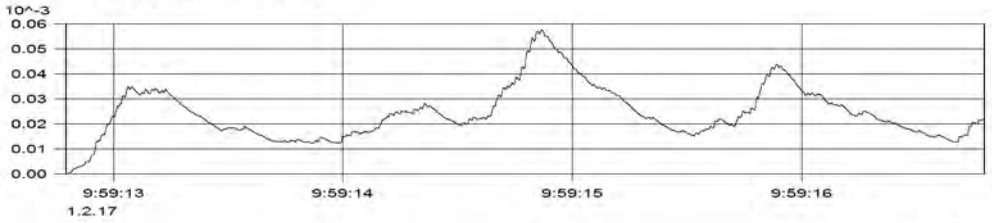


h:m:s

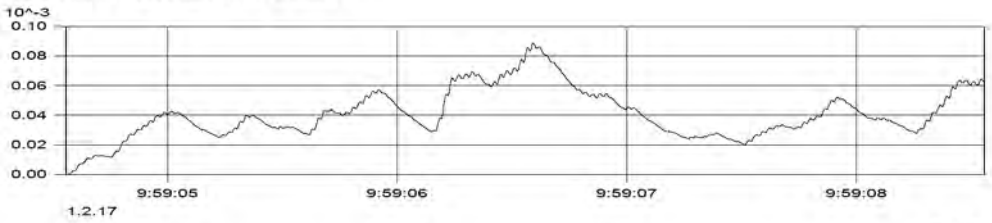


2017-02-01 09:53-31 (5): M8D Ril

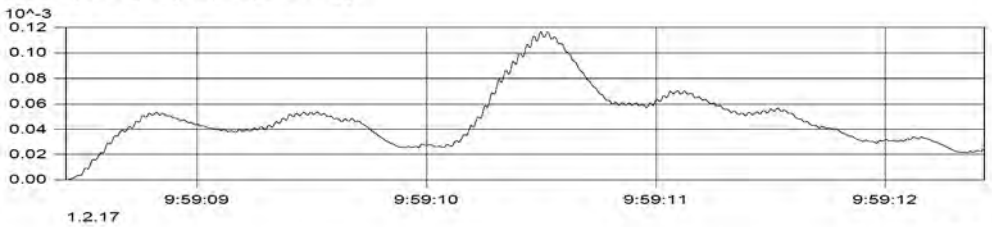
MP2.1 (Kanal\_002) KB(max) = 0.058[-]



MP3.1 (Kanal\_003) KB(max) = 0.089[-]



MP3.2 (Kanal\_004) KB(max) = 0.117[-]



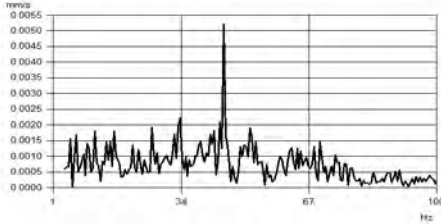


M8D Ril

2017-02-01 09-53-31 (5)

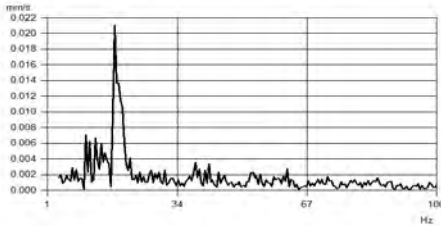
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



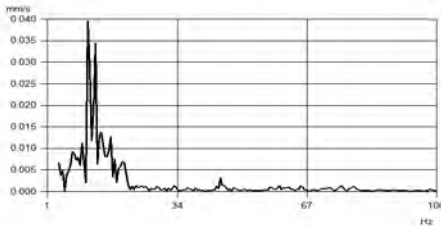
MP2.1 (Kanal\_002)

$f_e = 18.1 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



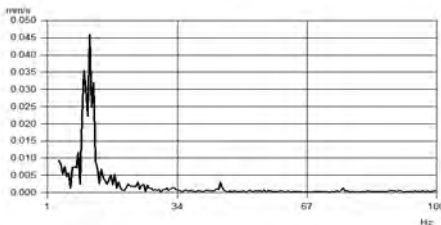
MP3.1 (Kanal\_003)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.040 \text{ mm/s}$



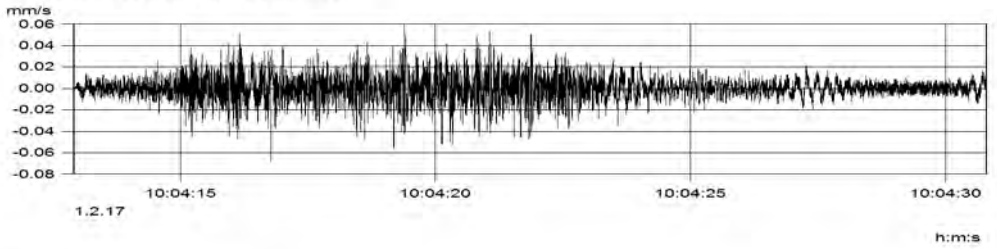
MP3.2 (Kanal\_004)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.046 \text{ mm/s}$

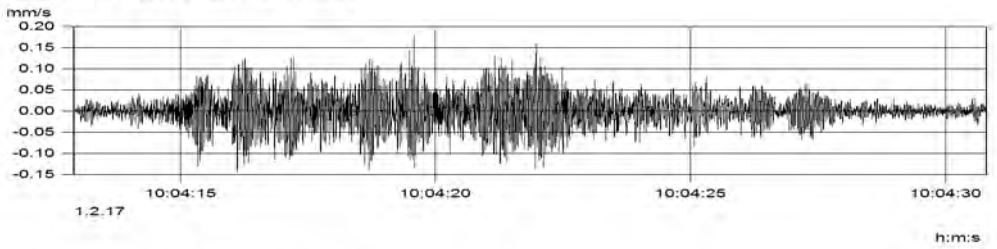


2017-02-01 09:59-30 (6): M8D 3fach Ril

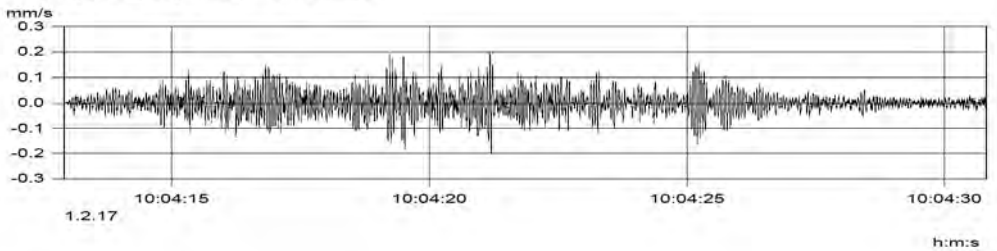
MP1 (Kanal\_001) v(max) = 0.068 mm/s



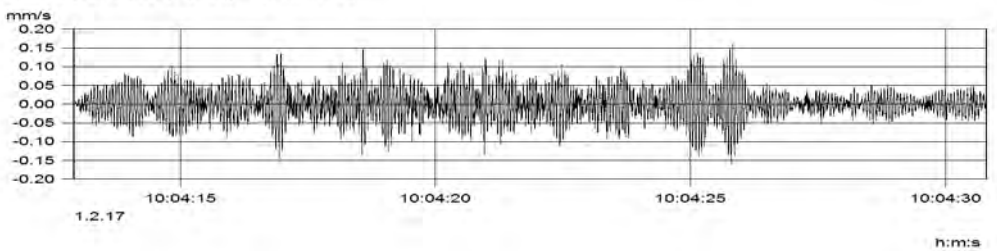
MP2.1 (Kanal\_002) v(max) = 0.177 mm/s



MP3.1 (Kanal\_003) v(max) = 0.202 mm/s

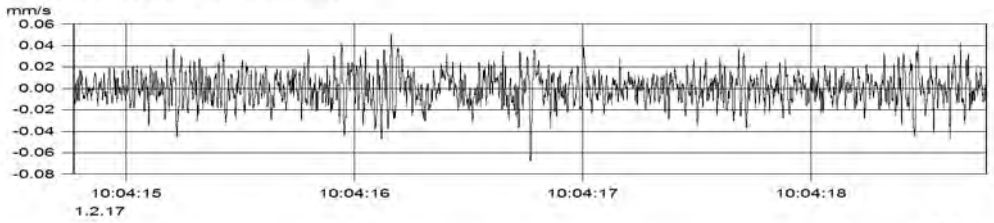


MP3.2 (Kanal\_004) v(max) = 0.161 mm/s

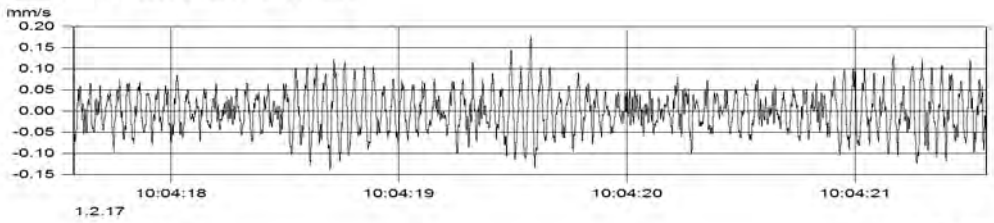


2017-02-01 09:59-30 (6): M8D 3fach Ril

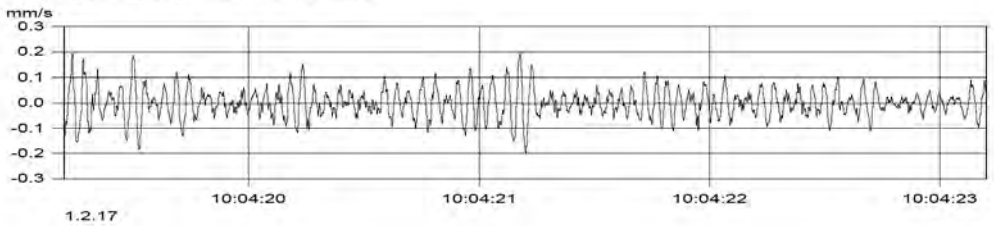
MP1 (Kanal\_001) v(max) = 0.068 mm/s



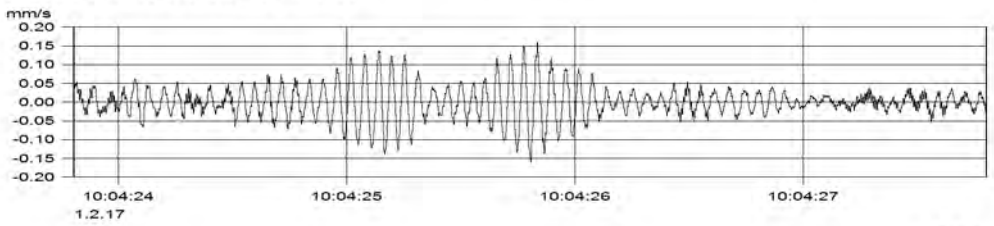
MP2.1 (Kanal\_002) v(max) = 0.177 mm/s



MP3.1 (Kanal\_003) v(max) = 0.202 mm/s

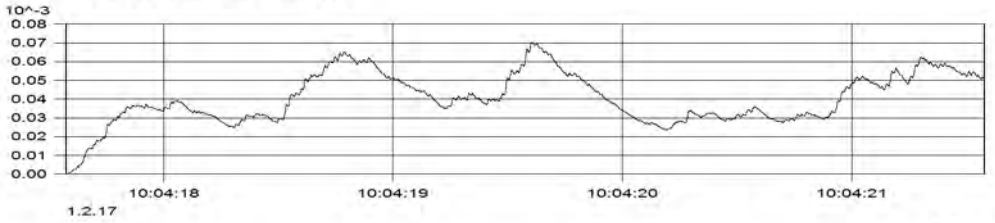


MP3.2 (Kanal\_004) v(max) = 0.161 mm/s



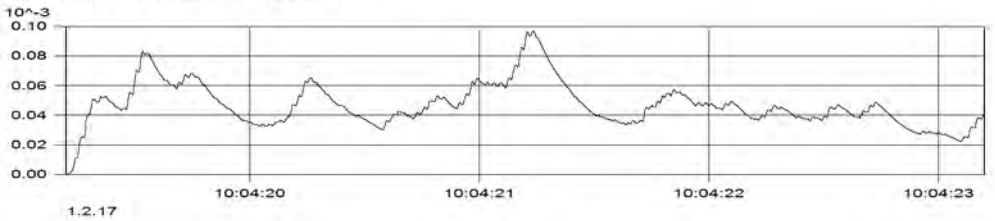
2017-02-01 09:59:30 (6): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.070[-]



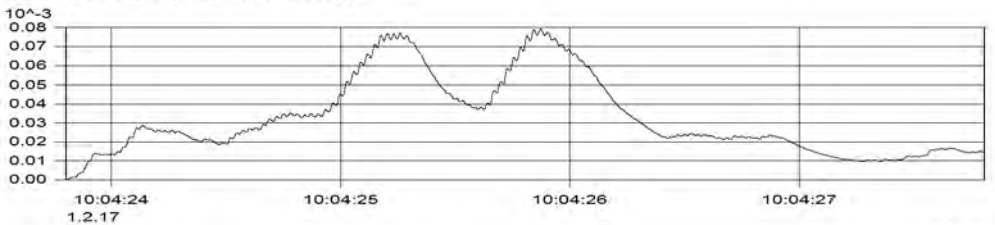
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.097[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.080[-]



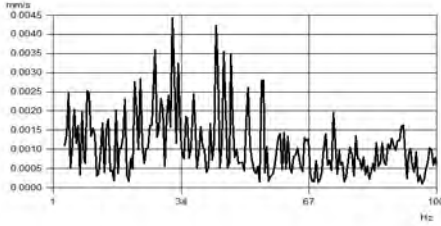
h:m:s

M8D 3fach Ril

2017-02-01 09-59-30 (6)

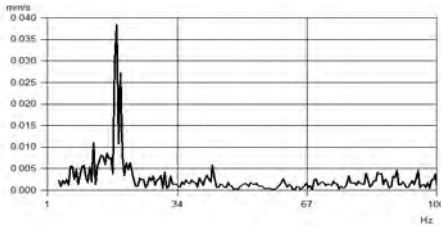
MP1 (Kanal\_001)

$f_e = 31.7 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



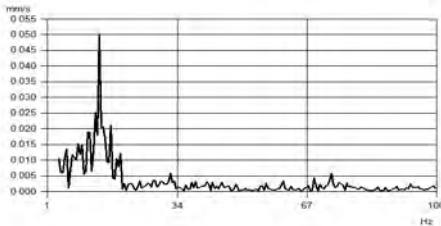
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.038 \text{ mm/s}$



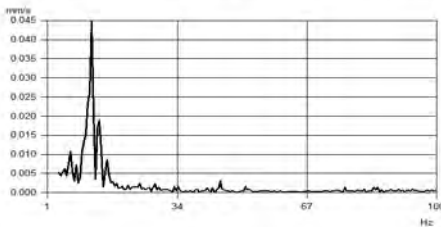
MP3.1 (Kanal\_003)

$f_e = 14.2 \text{ Hz} / v(\text{max}) = 0.050 \text{ mm/s}$



MP3.2 (Kanal\_004)

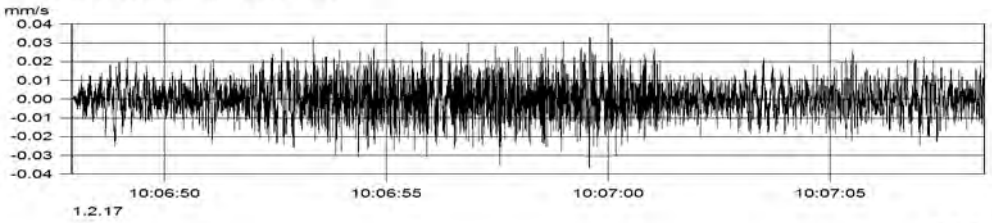
$f_e = 12.2 \text{ Hz} / v(\text{max}) = 0.045 \text{ mm/s}$



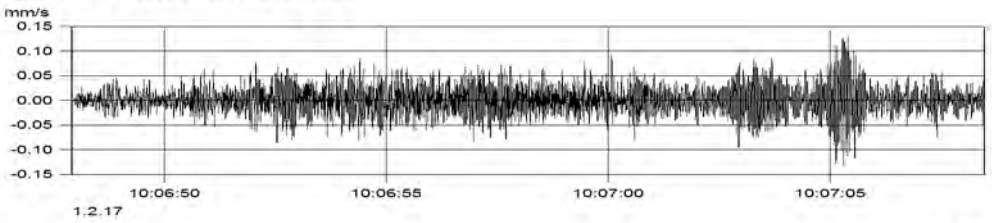


2017-02-01 10-04-35 (7): M8D 3fach Rill

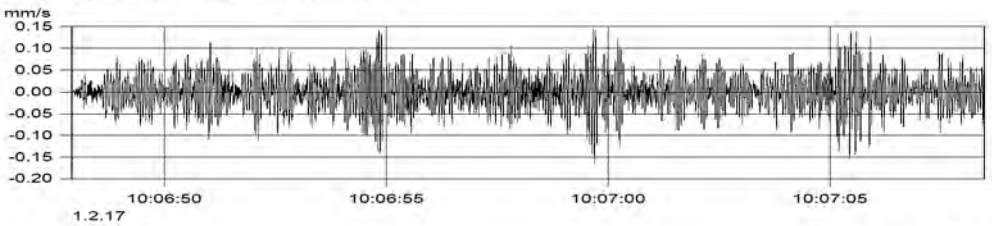
MP1 (Kanal\_001) v(max) = 0.037 mm/s



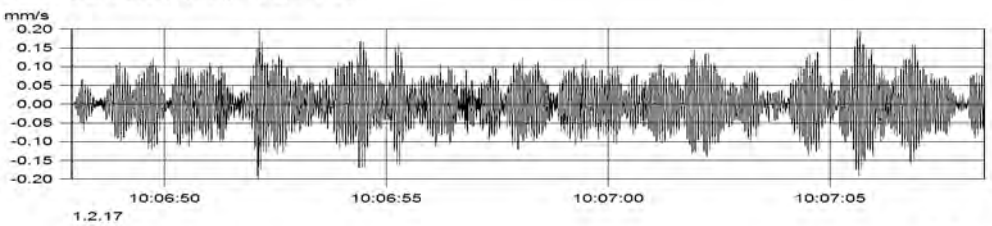
MP2.1 (Kanal\_002) v(max) = 0.132 mm/s



MP3.1 (Kanal\_003) v(max) = 0.166 mm/s

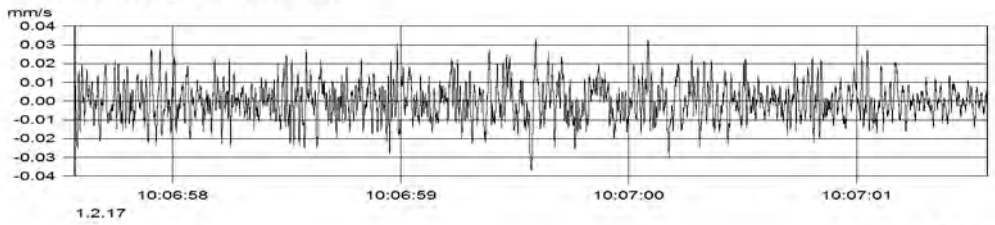


MP3.2 (Kanal\_004) v(max) = 0.200 mm/s



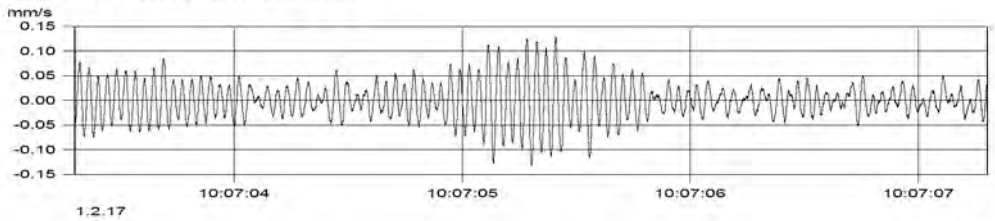
2017-02-01 10-04-35 (7): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.037 mm/s



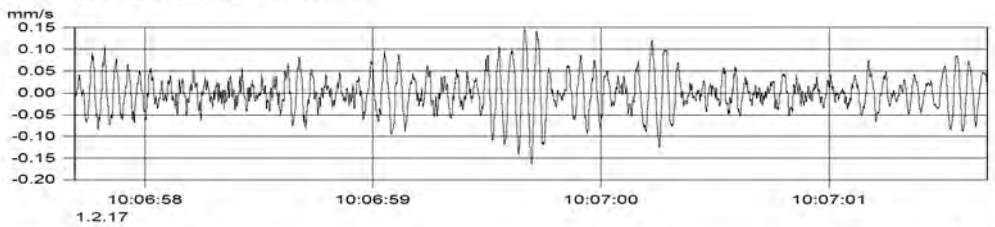
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.132 mm/s



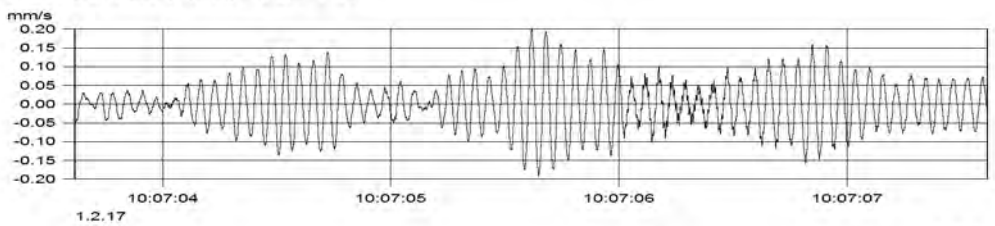
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.166 mm/s



h:m:s

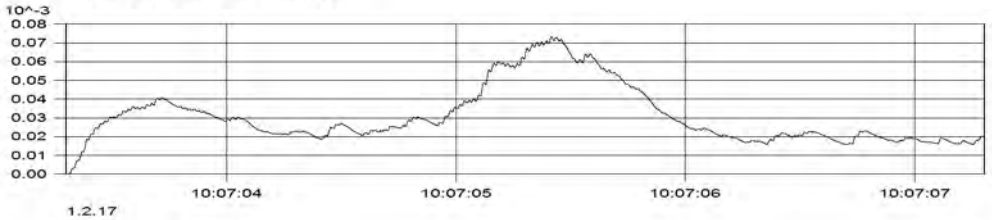
MP3.2 (Kanal\_004) v(max) = 0.200 mm/s



h:m:s

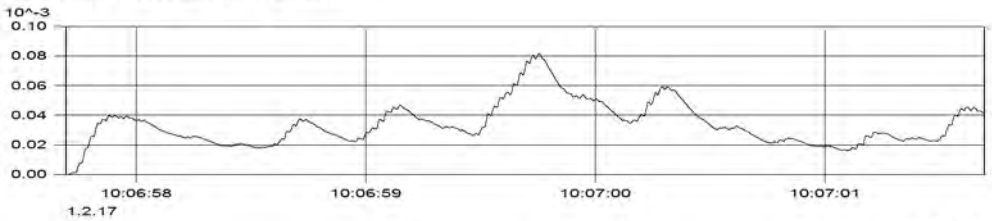
2017-02-01 10-04-35 (7): M8D 3fach Rill

MP2.1 (Kanal\_002) KB(max) = 0.073[-]



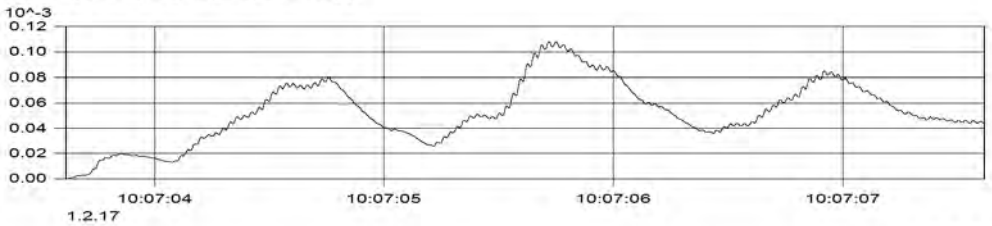
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.082[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.108[-]



h:m:s

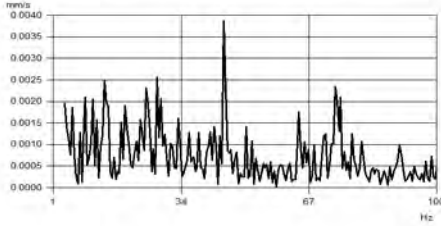


M8D 3fach Rill

2017-02-01 10-04-35 (7)

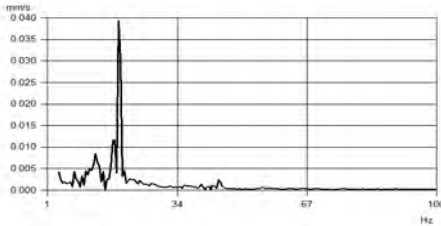
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



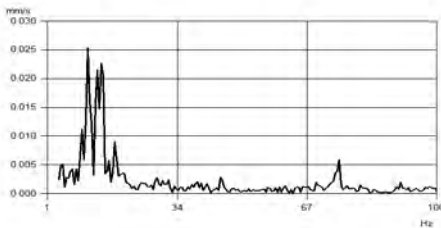
MP2.1 (Kanal\_002)

$f_e = 19.0 \text{ Hz} / v(\text{max}) = 0.039 \text{ mm/s}$



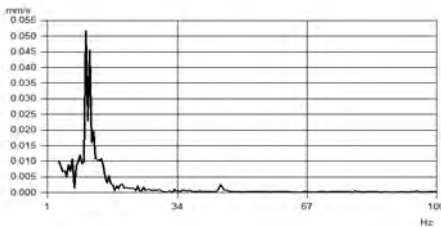
MP3.1 (Kanal\_003)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.025 \text{ mm/s}$



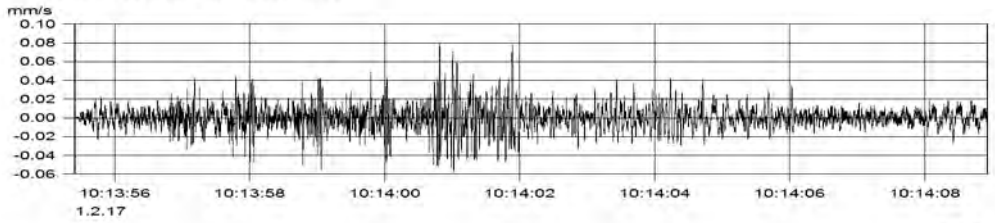
MP3.2 (Kanal\_004)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.052 \text{ mm/s}$

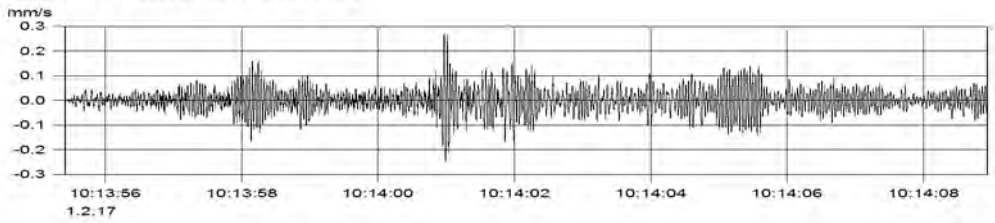


2017-02-01 10-12-30 (9): M8D Rill

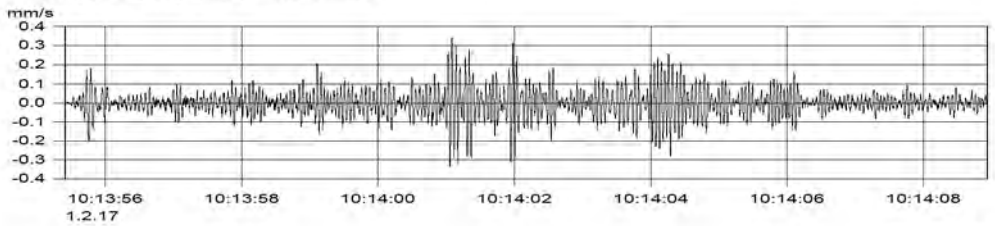
MP1 (Kanal\_001) v(max) = 0.080 mm/s



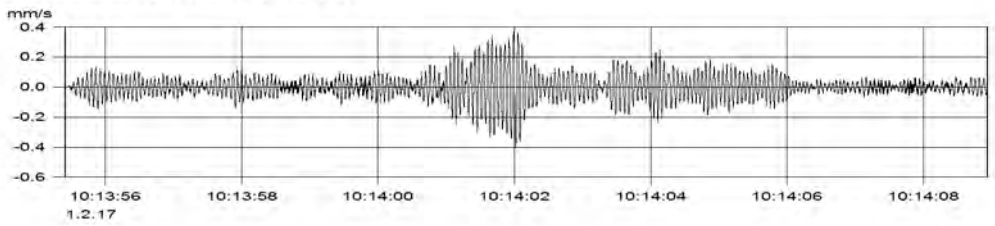
MP2.1 (Kanal\_002) v(max) = 0.269 mm/s



MP3.1 (Kanal\_003) v(max) = 0.343 mm/s

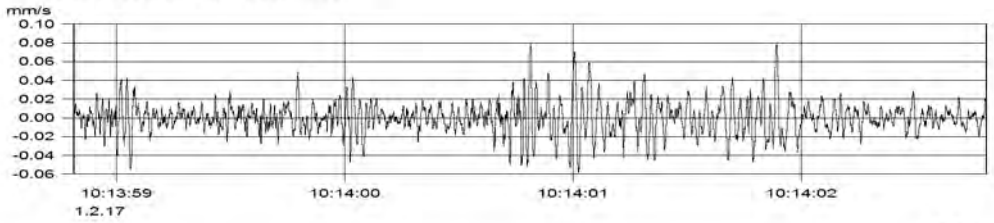


MP3.2 (Kanal\_004) v(max) = 0.409 mm/s

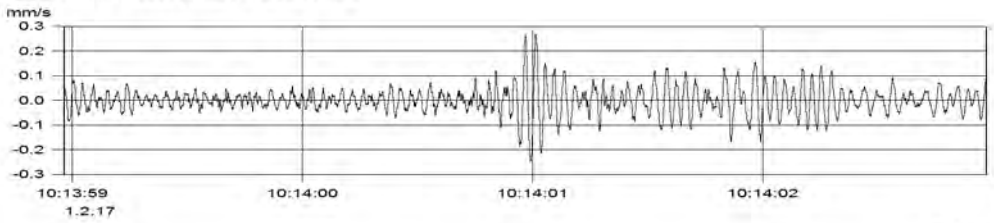


2017-02-01 10-12-30 (9): M8D Rill

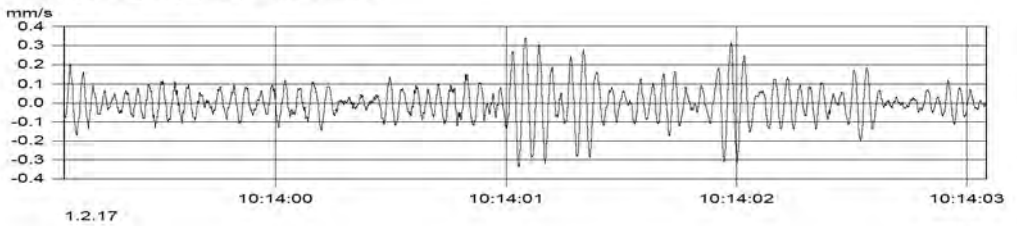
MP1 (Kanal\_001) v(max) = 0.080 mm/s



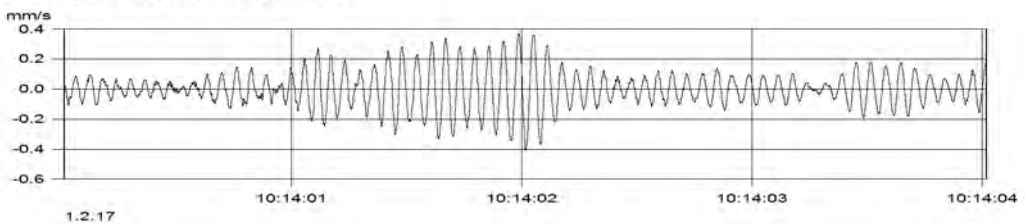
MP2.1 (Kanal\_002) v(max) = 0.269 mm/s



MP3.1 (Kanal\_003) v(max) = 0.343 mm/s

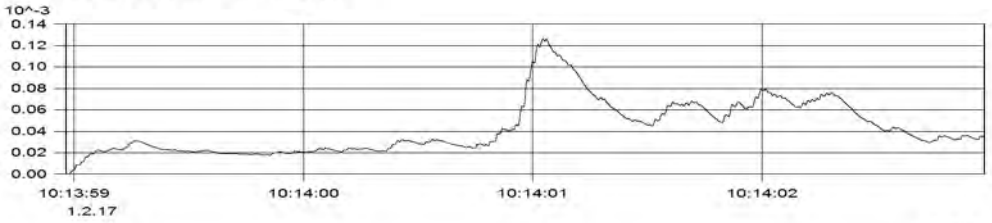


MP3.2 (Kanal\_004) v(max) = 0.409 mm/s



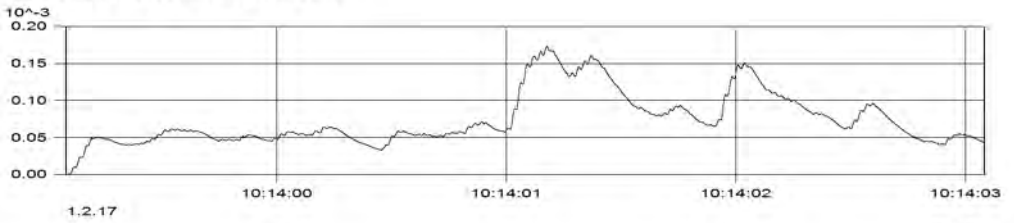
2017-02-01 10-12-30 (9): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.127[-]



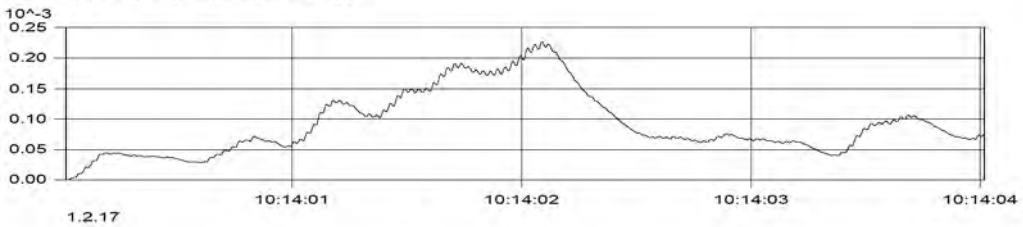
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.173[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.227[-]



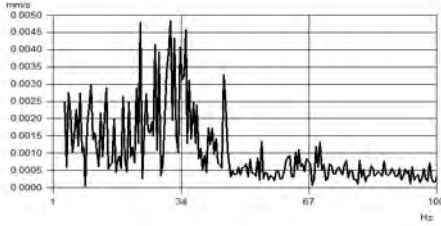
h:m:s

M8D Rill

2017-02-01 10-12-30 (9)

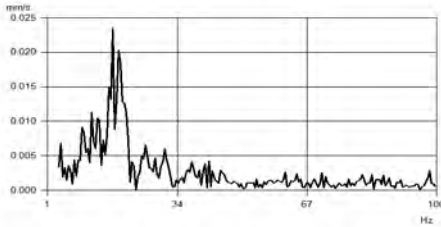
MP1 (Kanal\_001)

$f_e = 31.3 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



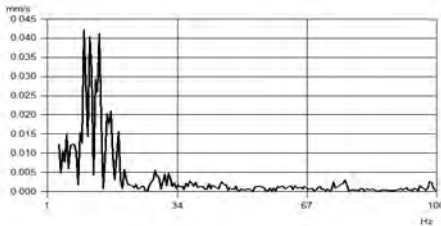
MP2.1 (Kanal\_002)

$f_e = 17.6 \text{ Hz} / v(\text{max}) = 0.023 \text{ mm/s}$



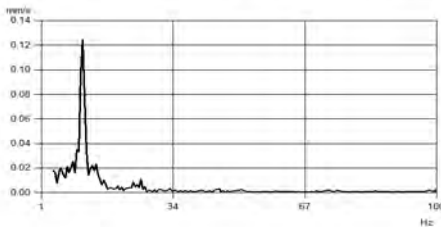
MP3.1 (Kanal\_003)

$f_e = 10.3 \text{ Hz} / v(\text{max}) = 0.042 \text{ mm/s}$



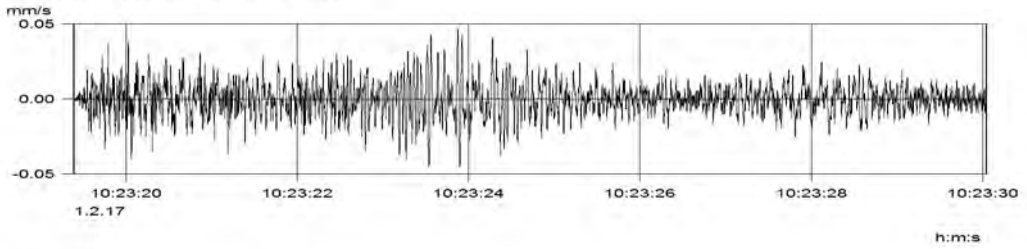
MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.124 \text{ mm/s}$

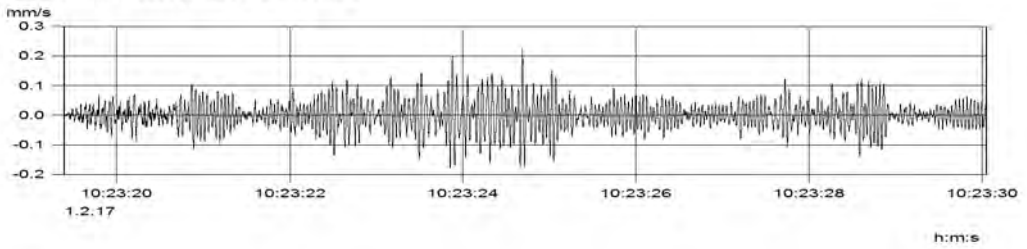


2017-02-01 10:23:12 (11): M8D Ril

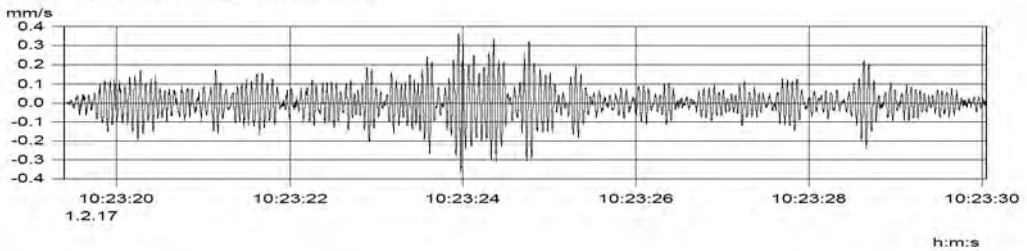
MP1 (Kanal\_001) v(max) = 0.047 mm/s



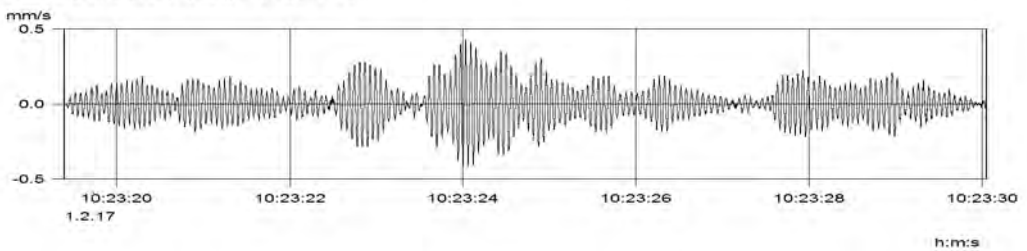
MP2.1 (Kanal\_002) v(max) = 0.225 mm/s



MP3.1 (Kanal\_003) v(max) = 0.368 mm/s

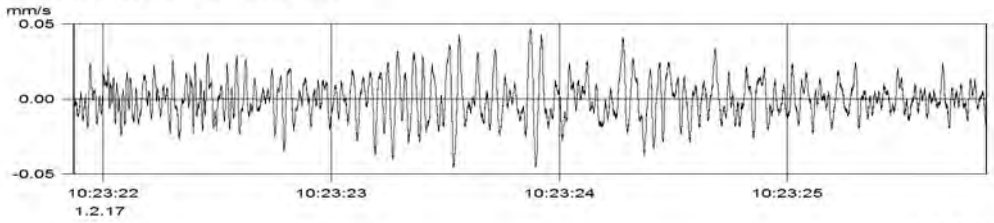


MP3.2 (Kanal\_004) v(max) = 0.429 mm/s



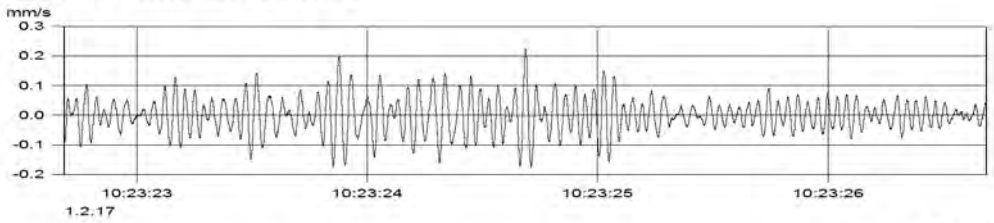
2017-02-01 10:23:12 (11): M8D Ril

MP1 (Kanal\_001) v(max) = 0.047 mm/s



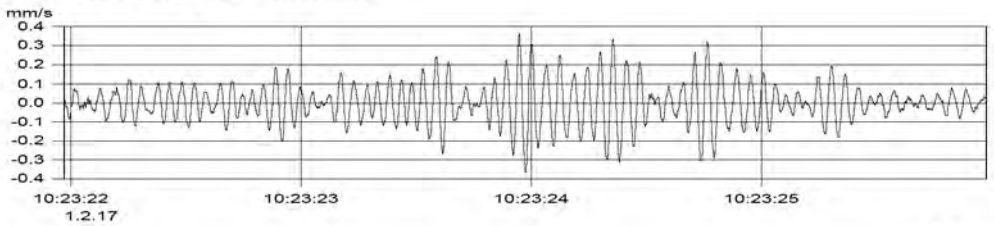
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.225 mm/s



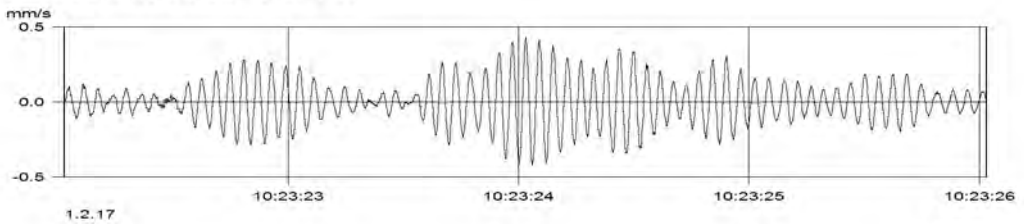
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.368 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.429 mm/s

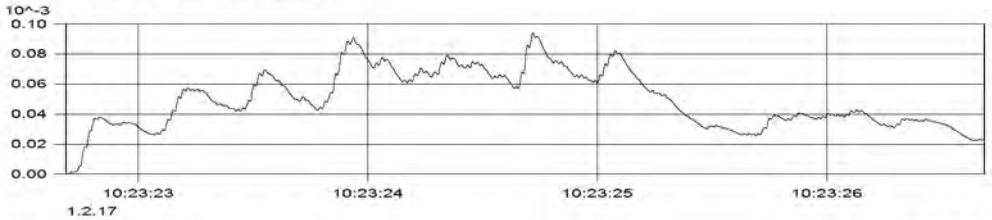


h:m:s

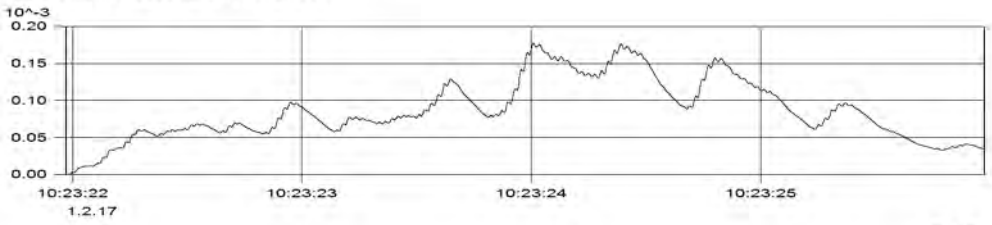


2017-02-01 10:23-12 (11): M8D Ril

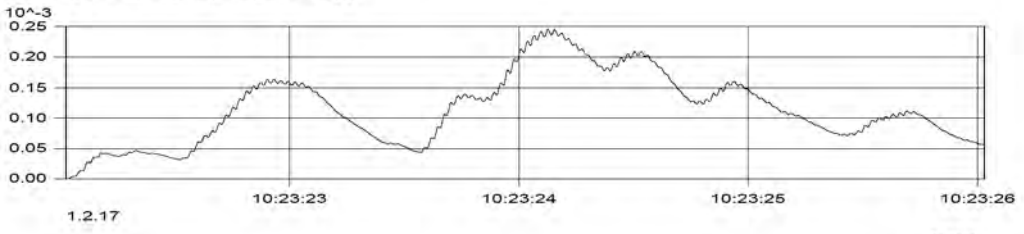
MP2.1 (Kanal\_002) KB(max) = 0.094[-]



MP3.1 (Kanal\_003) KB(max) = 0.177[-]



MP3.2 (Kanal\_004) KB(max) = 0.246[-]



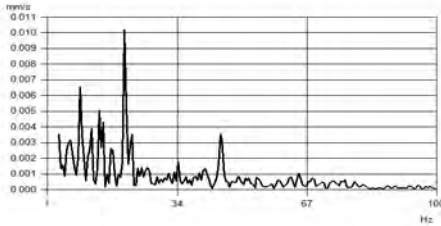


M8D Ril

2017-02-01 10-23-12 (11)

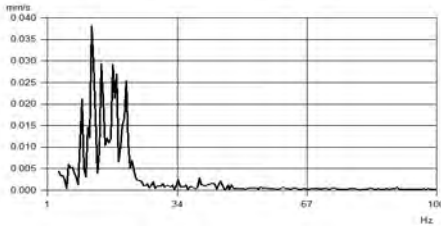
MP1 (Kanal\_001)

$f_e = 20.5 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



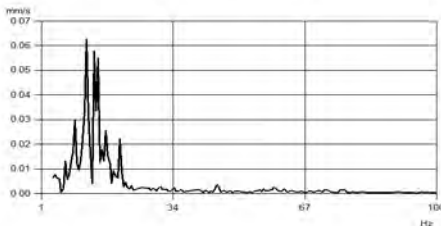
MP2.1 (Kanal\_002)

$f_e = 12.2 \text{ Hz} / v(\text{max}) = 0.038 \text{ mm/s}$



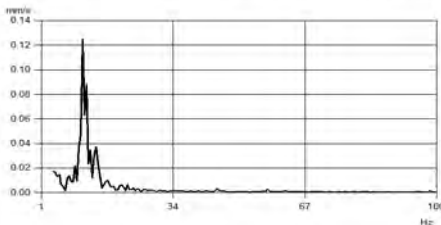
MP3.1 (Kanal\_003)

$f_e = 12.2 \text{ Hz} / v(\text{max}) = 0.063 \text{ mm/s}$



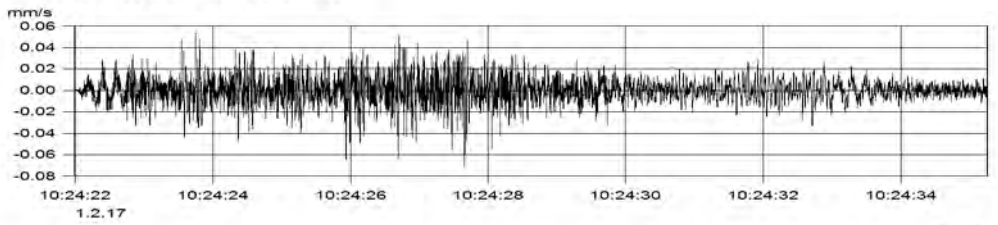
MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.125 \text{ mm/s}$

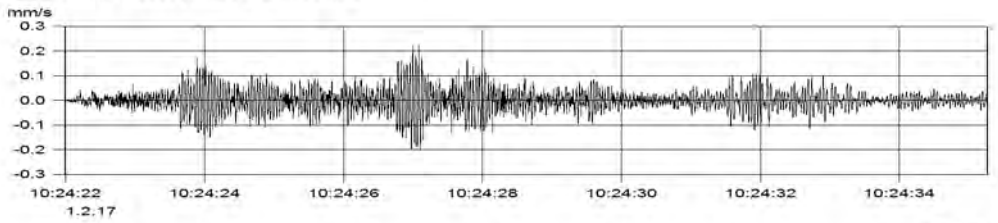


2017-02-01 10:23:36 (12): M8D Rill

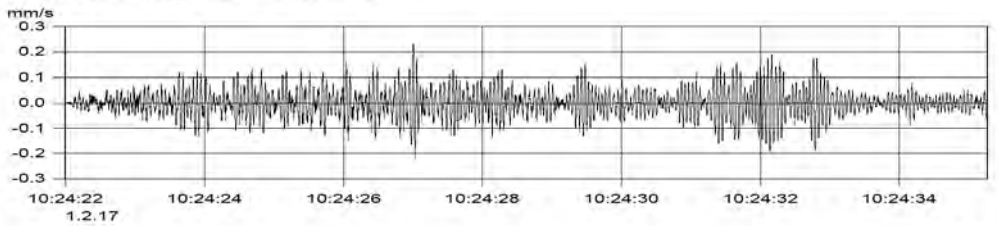
MP1 (Kanal\_001) v(max) = 0.072 mm/s



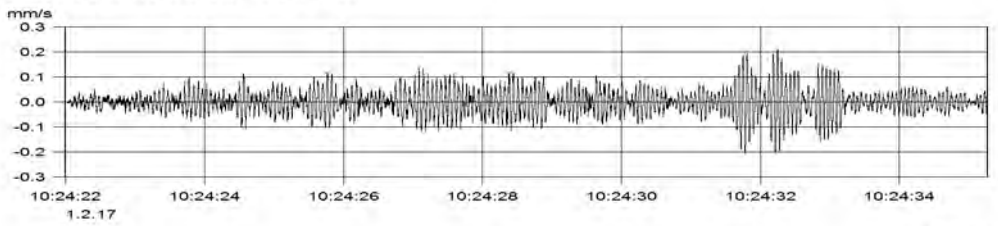
MP2.1 (Kanal\_002) v(max) = 0.225 mm/s



MP3.1 (Kanal\_003) v(max) = 0.233 mm/s

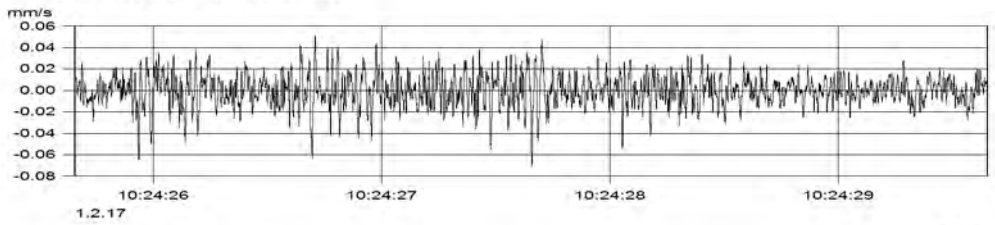


MP3.2 (Kanal\_004) v(max) = 0.213 mm/s



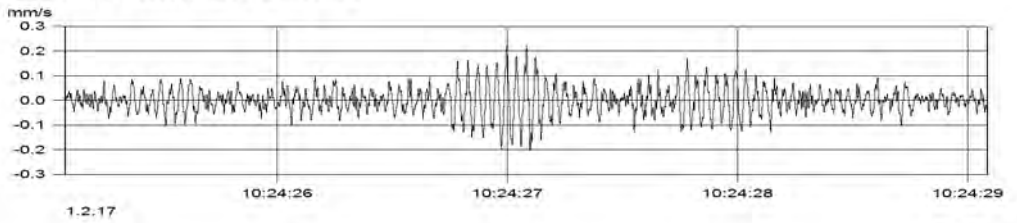
2017-02-01 10-23-36 (12): M8D Rill

MP1 (Kanal\_001) v(max) = 0.072 mm/s



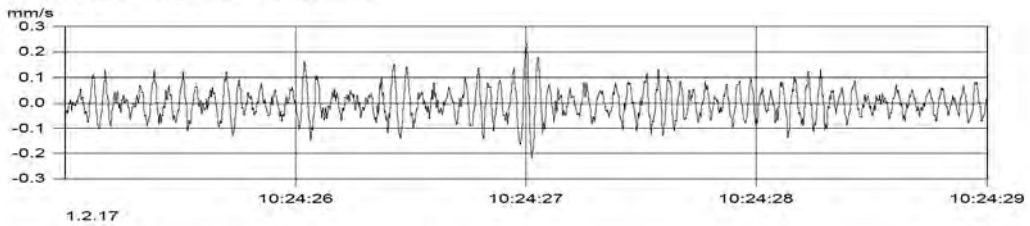
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.225 mm/s



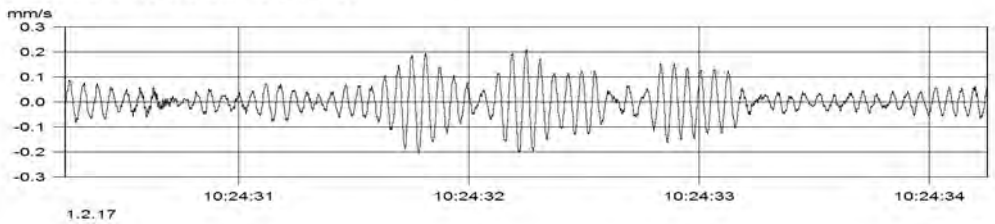
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.233 mm/s



h:m:s

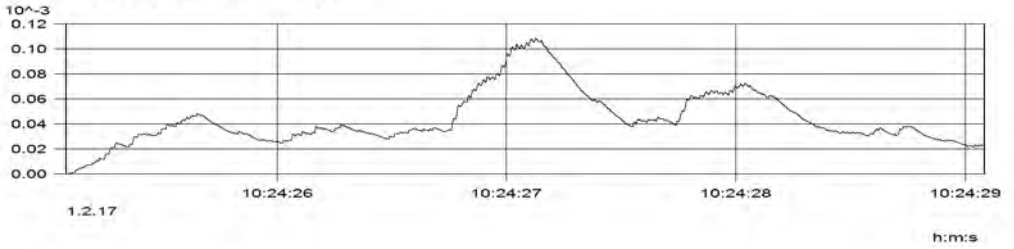
MP3.2 (Kanal\_004) v(max) = 0.213 mm/s



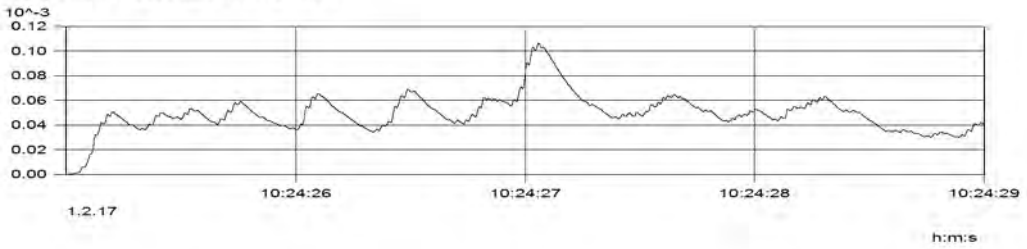
h:m:s

2017-02-01 10-23-36 (12): M8D Rill

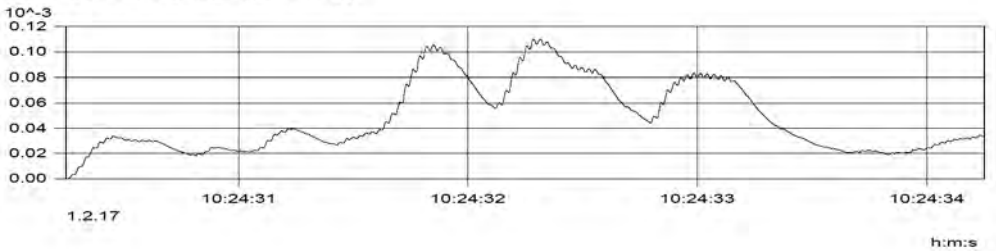
MP2.1 (Kanal\_002) KB(max) = 0.109[-]



MP3.1 (Kanal\_003) KB(max) = 0.107[-]



MP3.2 (Kanal\_004) KB(max) = 0.1110[-]

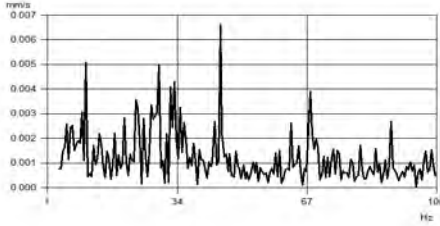


M8D Rill

2017-02-01 10-23-36 (12)

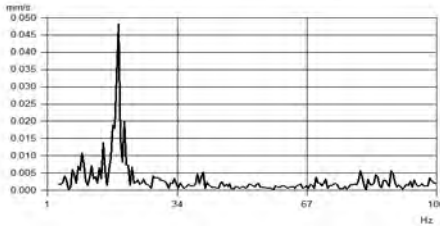
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



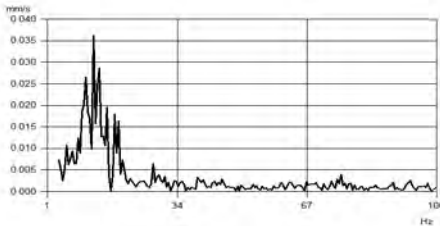
MP2.1 (Kanal\_002)

$f_e = 19.0 \text{ Hz} / v(\text{max}) = 0.048 \text{ mm/s}$



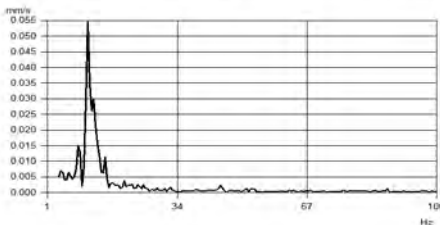
MP3.1 (Kanal\_003)

$f_e = 12.7 \text{ Hz} / v(\text{max}) = 0.036 \text{ mm/s}$



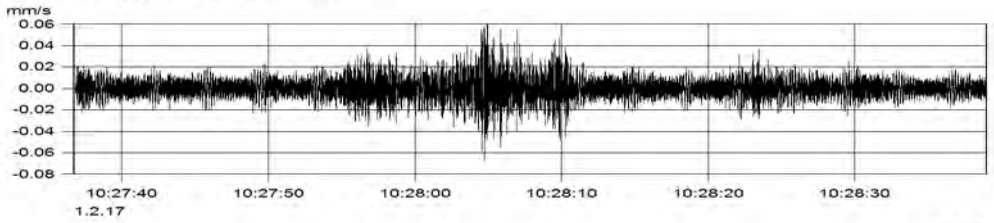
MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.055 \text{ mm/s}$



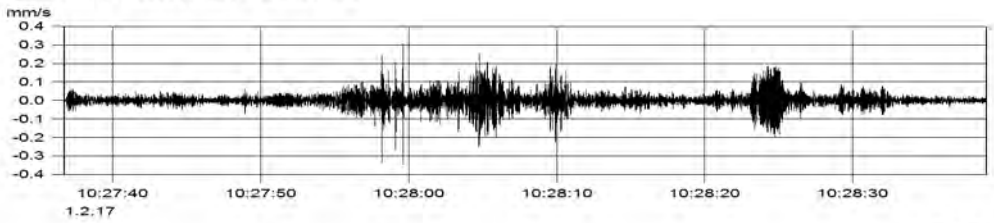
2017-02-01 10:24-48 (13): M8D Ril

MP1 (Kanal\_001) v(max) = 0.068 mm/s



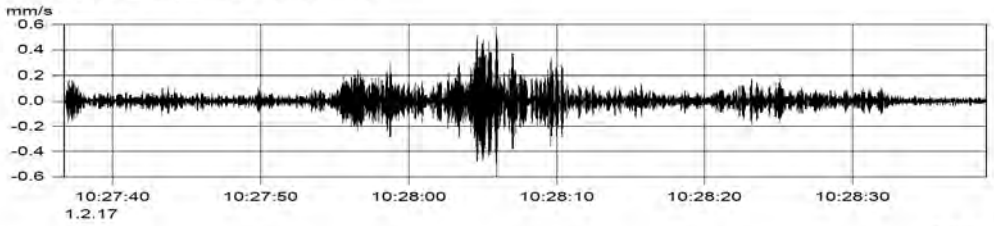
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.346 mm/s



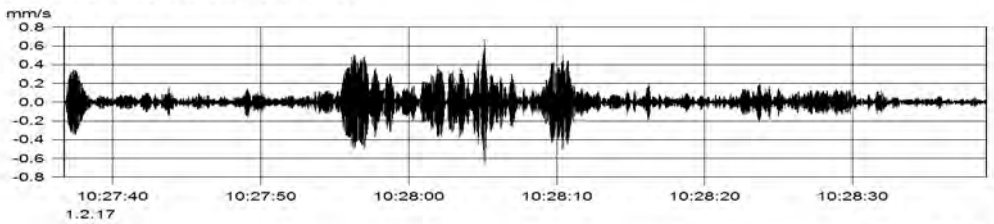
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.595 mm/s



h:m:s

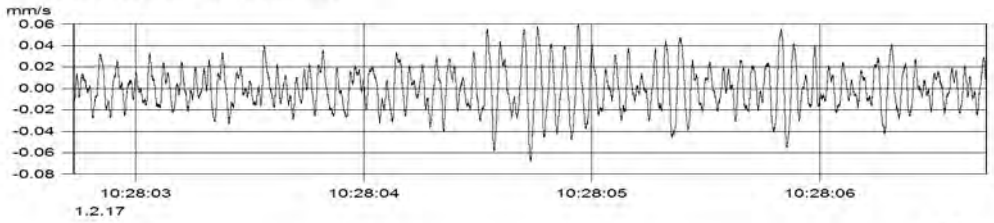
MP3.2 (Kanal\_004) v(max) = 0.674 mm/s



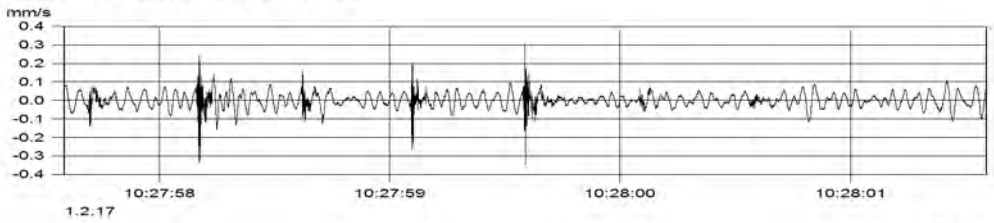
h:m:s

2017-02-01 10-24-48 (13): M8D Ril

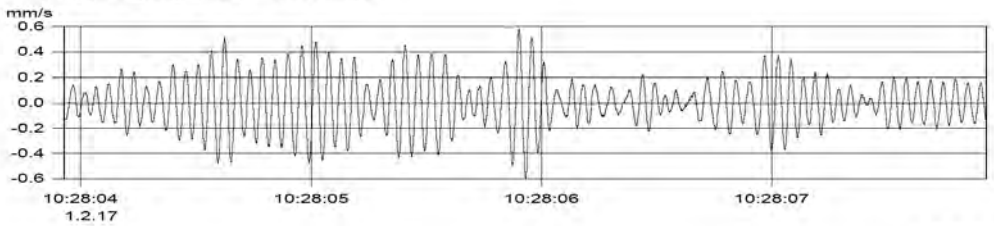
MP1 (Kanal\_001) v(max) = 0.068 mm/s



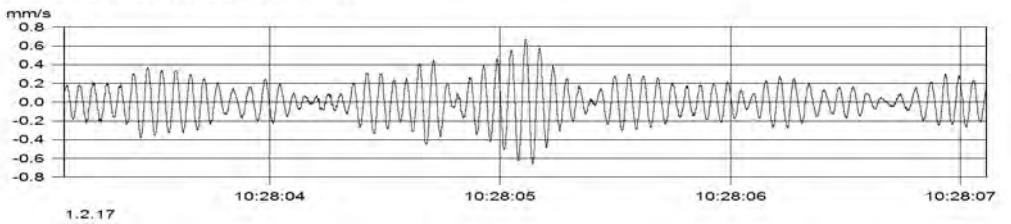
MP2.1 (Kanal\_002) v(max) = 0.346 mm/s



MP3.1 (Kanal\_003) v(max) = 0.595 mm/s



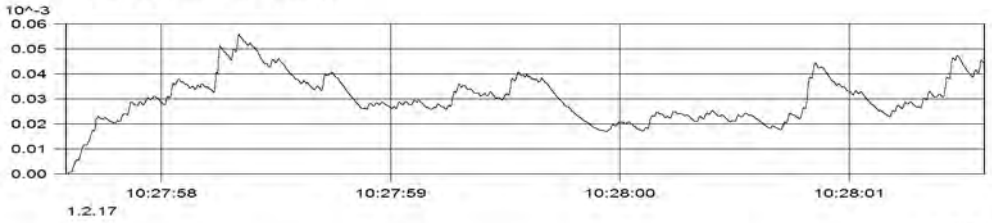
MP3.2 (Kanal\_004) v(max) = 0.674 mm/s





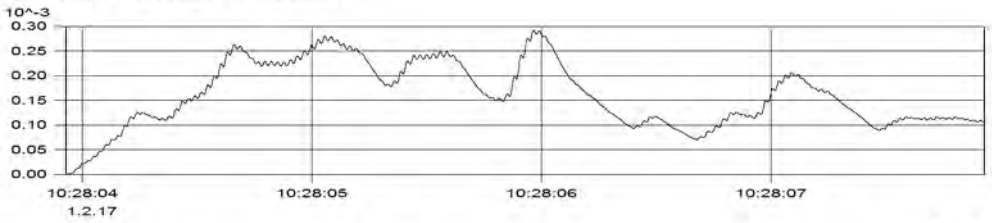
2017-02-01 10:24-48 (13): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.056[-]



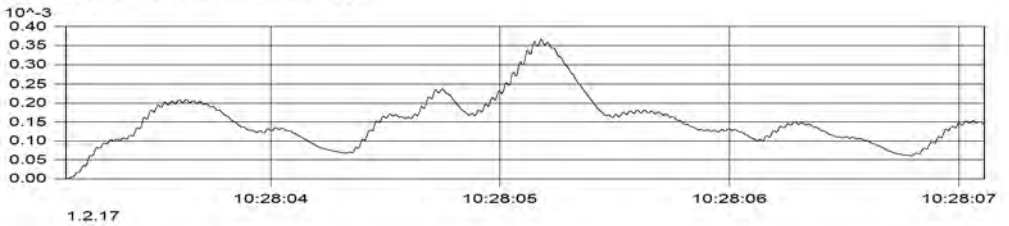
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.293[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.367[-]



h:m:s

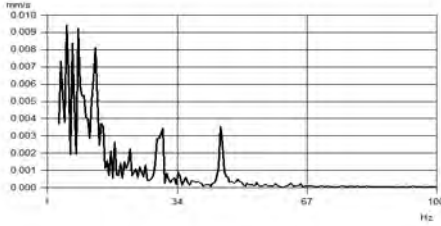


M8D Ril

2017-02-01 10-24-48 (13)

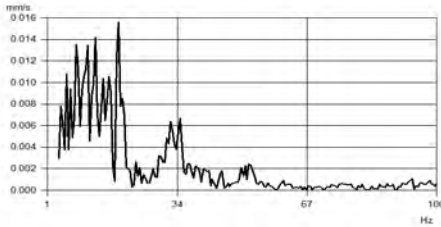
MP1 (Kanal\_001)

$f_e = 5.9 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



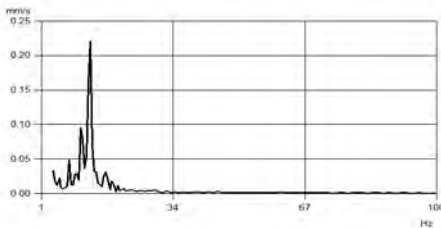
MP2.1 (Kanal\_002)

$f_e = 19.0 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



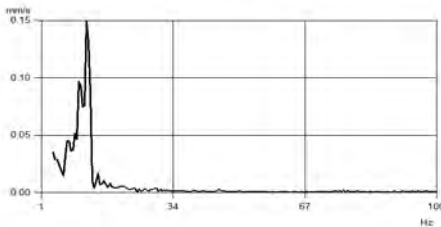
MP3.1 (Kanal\_003)

$f_e = 13.2 \text{ Hz} / v(\text{max}) = 0.220 \text{ mm/s}$



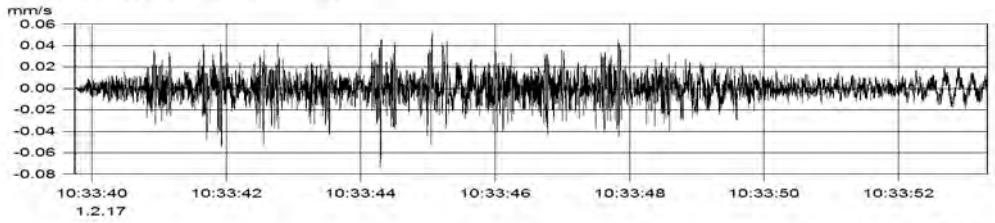
MP3.2 (Kanal\_004)

$f_e = 12.2 \text{ Hz} / v(\text{max}) = 0.149 \text{ mm/s}$



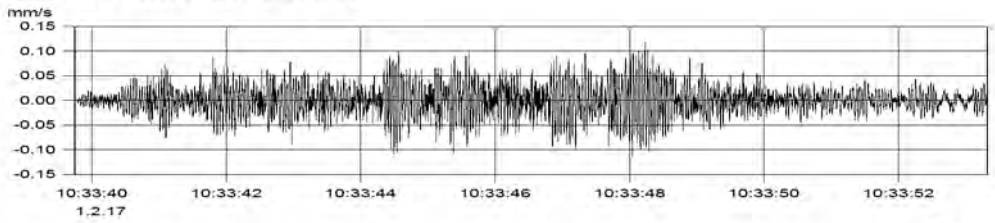
2017-02-01 10:32-50 (14): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.074 mm/s



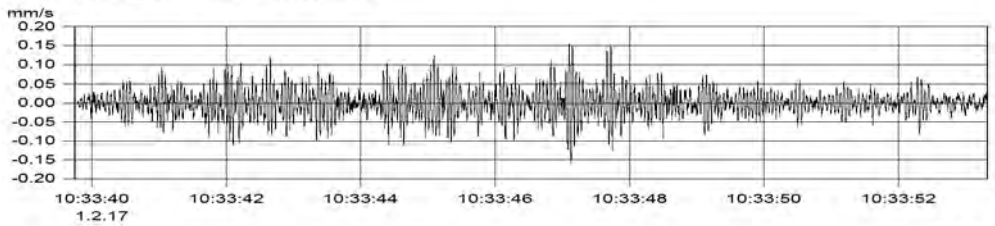
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.119 mm/s



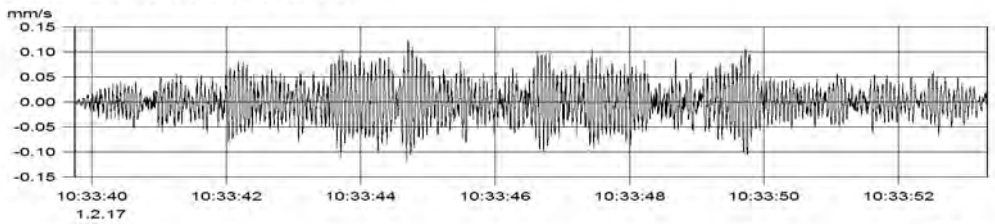
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.160 mm/s



h:m:s

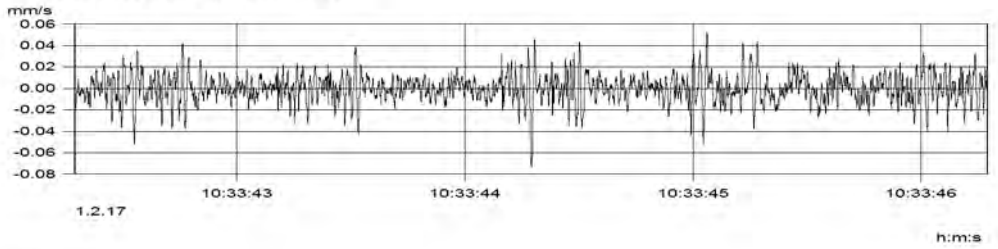
MP3.2 (Kanal\_004) v(max) = 0.125 mm/s



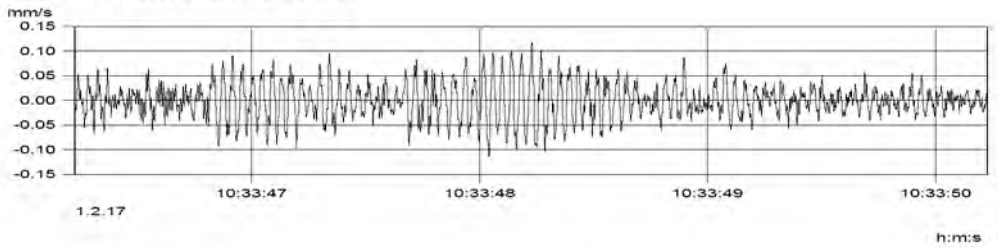
h:m:s

2017-02-01 10-32-50 (14): M8D 3fach Rill

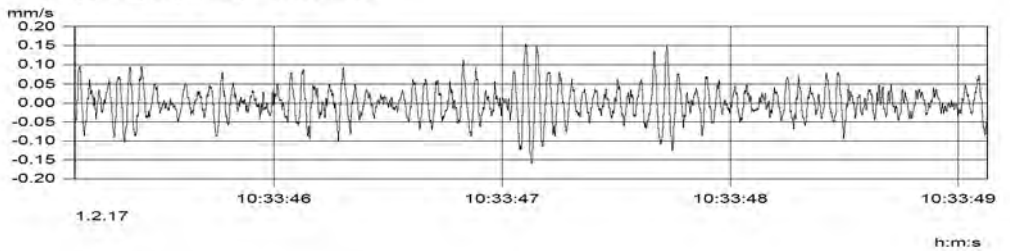
MP1 (Kanal\_001) v(max) = 0.074 mm/s



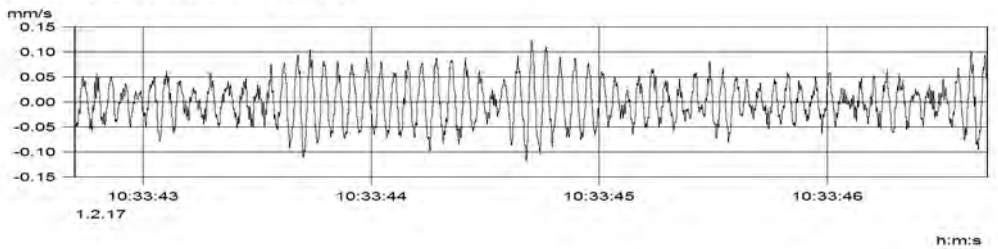
MP2.1 (Kanal\_002) v(max) = 0.119 mm/s



MP3.1 (Kanal\_003) v(max) = 0.160 mm/s

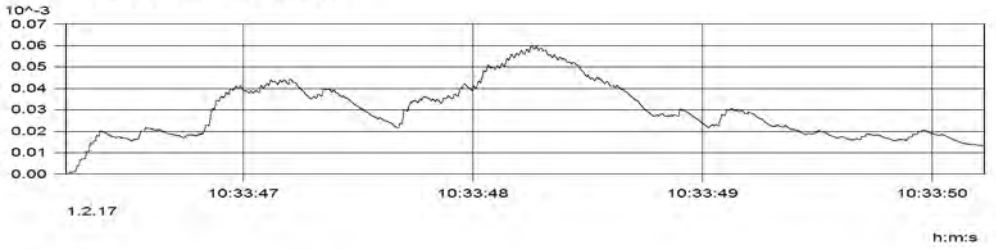


MP3.2 (Kanal\_004) v(max) = 0.125 mm/s

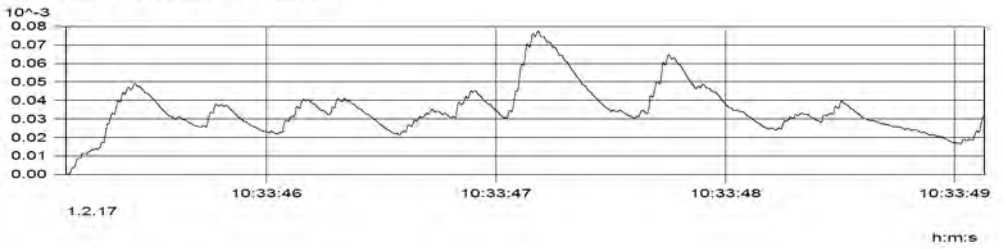


2017-02-01 10:32-50 (14): M8D 3fach Rill

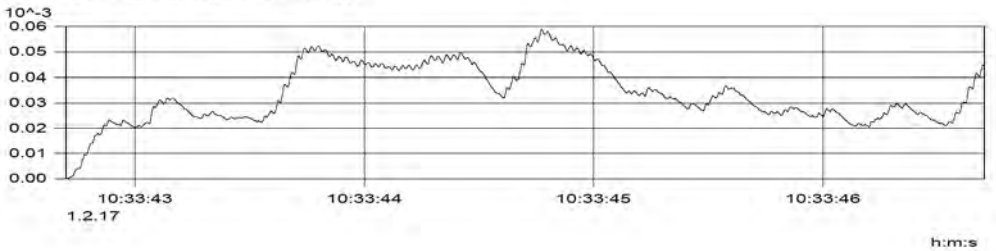
MP2.1 (Kanal\_002) KB(max) = 0.060[-]



MP3.1 (Kanal\_003) KB(max) = 0.077[-]



MP3.2 (Kanal\_004) KB(max) = 0.059[-]

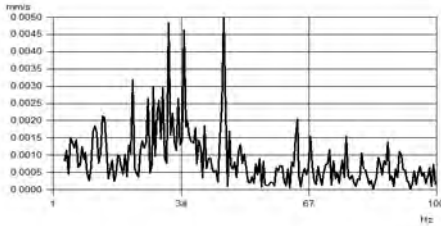


M8D 3fach Rill

2017-02-01 10-32-50 (14)

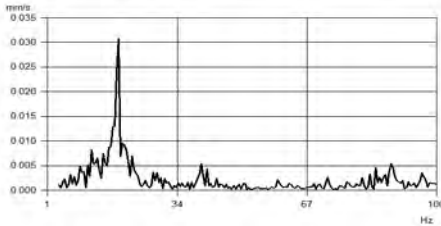
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



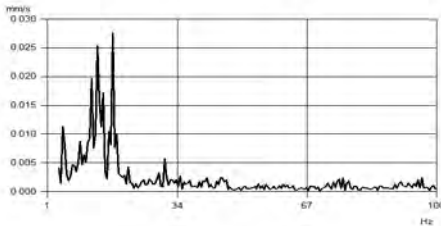
MP2.1 (Kanal\_002)

$f_e = 19.0 \text{ Hz} / v(\text{max}) = 0.031 \text{ mm/s}$



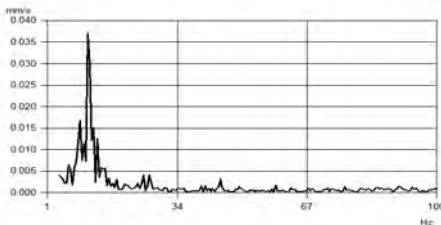
MP3.1 (Kanal\_003)

$f_e = 17.6 \text{ Hz} / v(\text{max}) = 0.028 \text{ mm/s}$



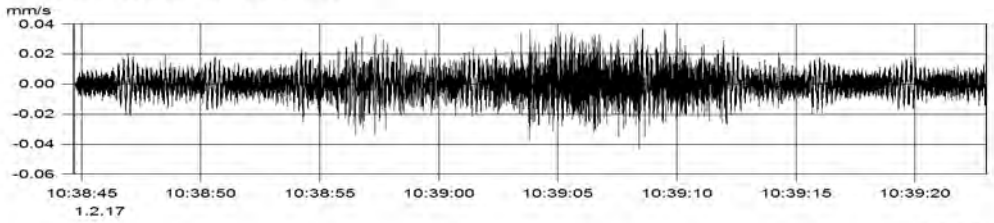
MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.037 \text{ mm/s}$

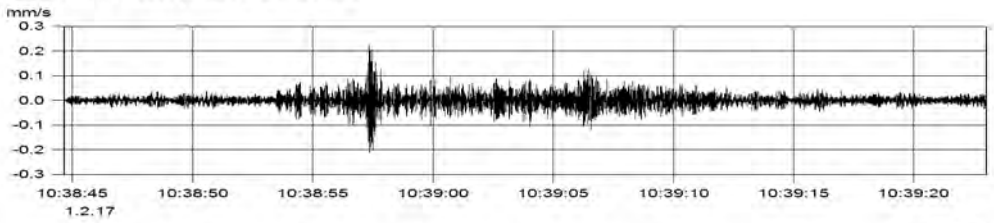


2017-02-01 10:34-04 (15): M8D 3fach Ril

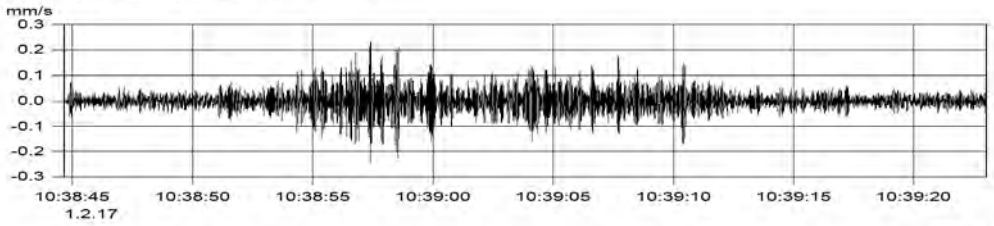
MP1 (Kanal\_001) v(max) = 0.043 mm/s



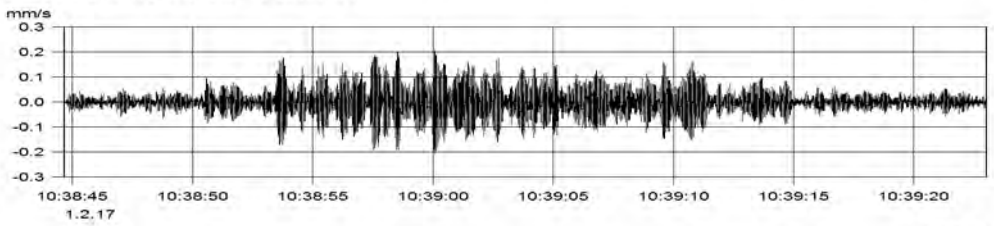
MP2.1 (Kanal\_002) v(max) = 0.226 mm/s



MP3.1 (Kanal\_003) v(max) = 0.245 mm/s



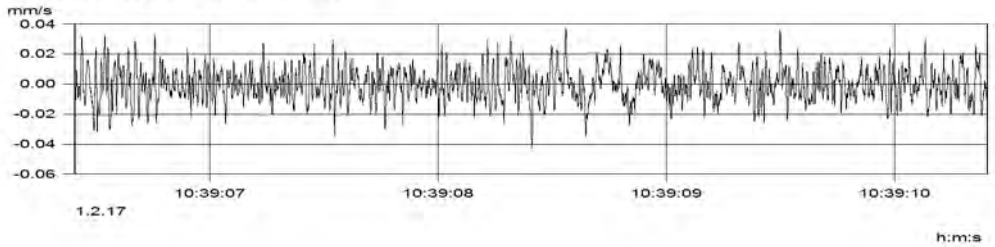
MP3.2 (Kanal\_004) v(max) = 0.208 mm/s



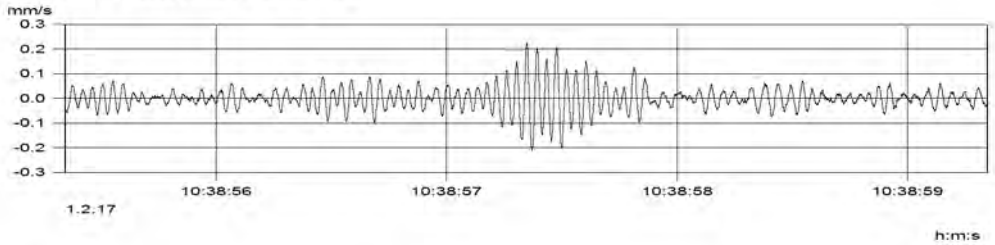


2017-02-01 10:34-04 (15): M8D 3fach Ril

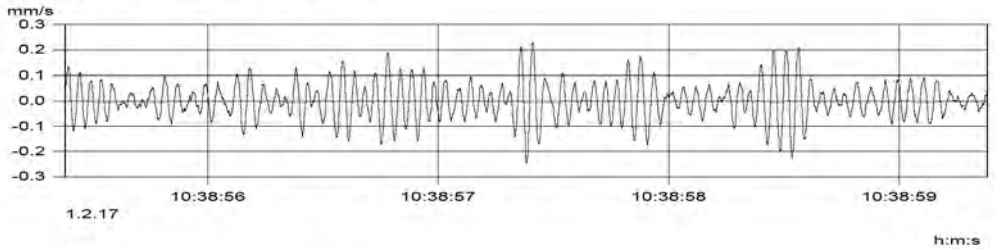
MP1 (Kanal\_001) v(max) = 0.043 mm/s



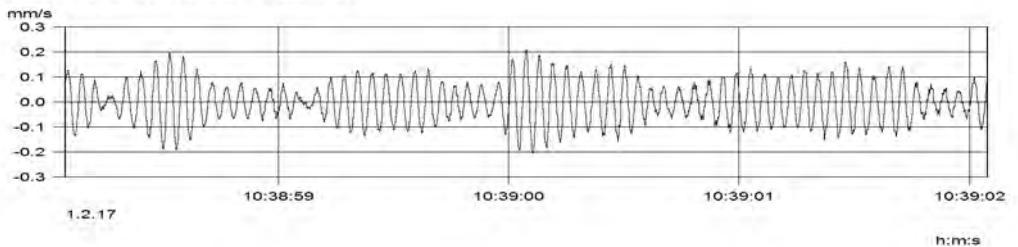
MP2.1 (Kanal\_002) v(max) = 0.226 mm/s



MP3.1 (Kanal\_003) v(max) = 0.245 mm/s

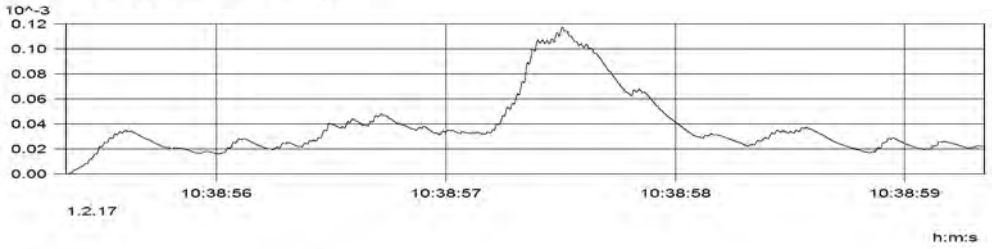


MP3.2 (Kanal\_004) v(max) = 0.208 mm/s

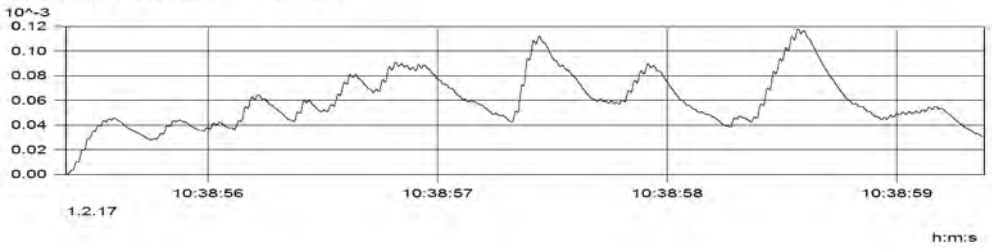


2017-02-01 10:34-04 (15): M8D 3fach Ril

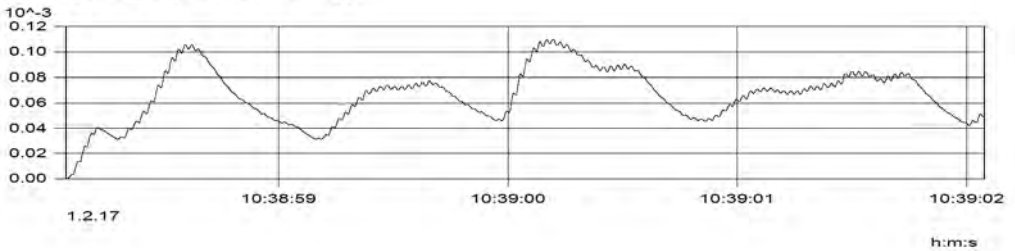
MP2.1 (Kanal\_002) KB(max) = 0.118[-]



MP3.1 (Kanal\_003) KB(max) = 0.118[-]



MP3.2 (Kanal\_004) KB(max) = 0.1110[-]



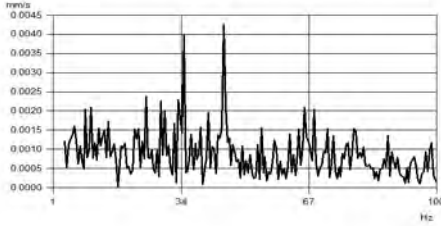


M8D 3fach Ril

2017-02-01 10-34-04 (15)

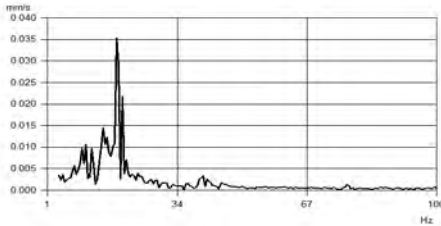
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



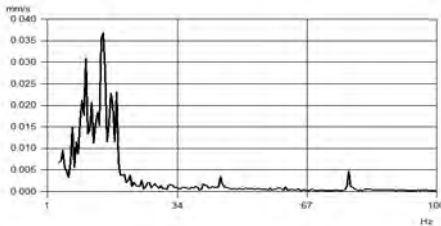
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.035 \text{ mm/s}$



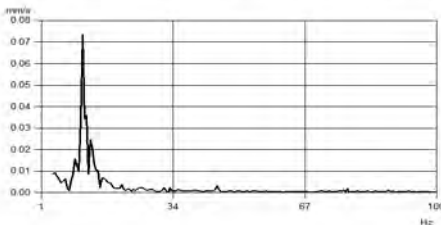
MP3.1 (Kanal\_003)

$f_e = 15.1 \text{ Hz} / v(\text{max}) = 0.037 \text{ mm/s}$



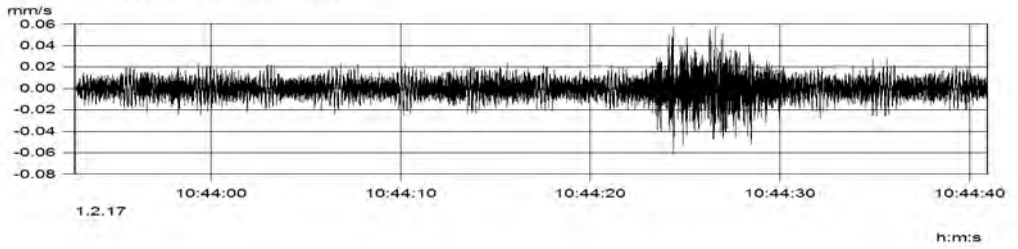
MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.074 \text{ mm/s}$

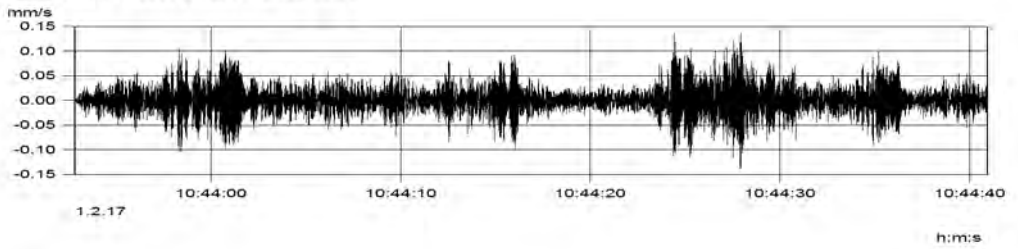


2017-02-01 10-40-00 (17): M8D Rill

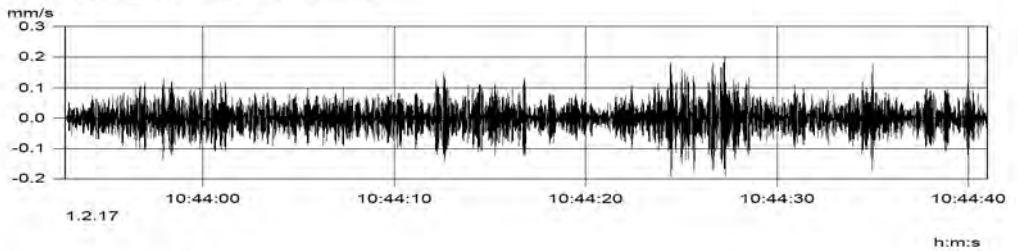
MP1 (Kanal\_001) v(max) = 0.061 mm/s



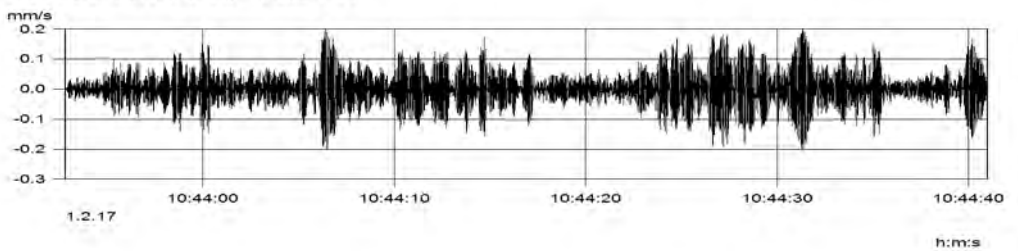
MP2.1 (Kanal\_002) v(max) = 0.139 mm/s



MP3.1 (Kanal\_003) v(max) = 0.202 mm/s

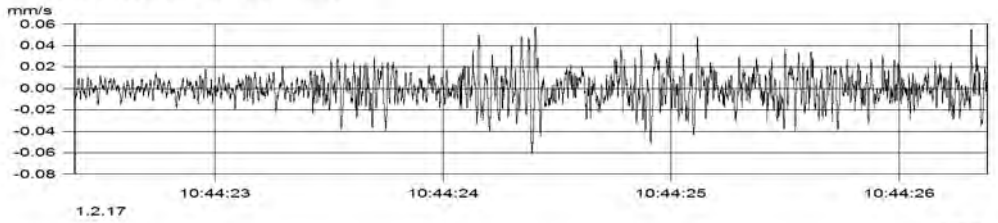


MP3.2 (Kanal\_004) v(max) = 0.202 mm/s



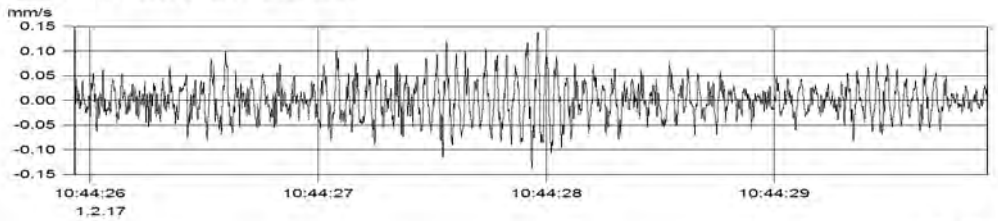
2017-02-01 10-40-00 (17): M8D Rill

MP1 (Kanal\_001) v(max) = 0.061 mm/s



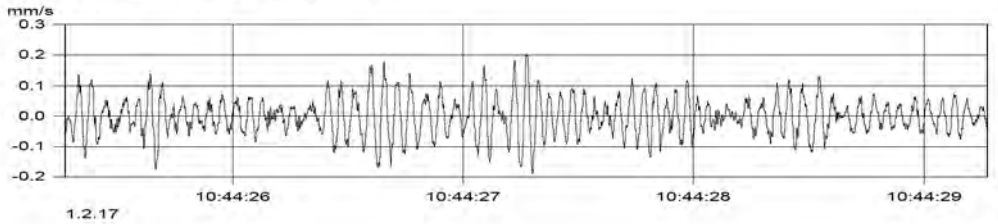
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.139 mm/s



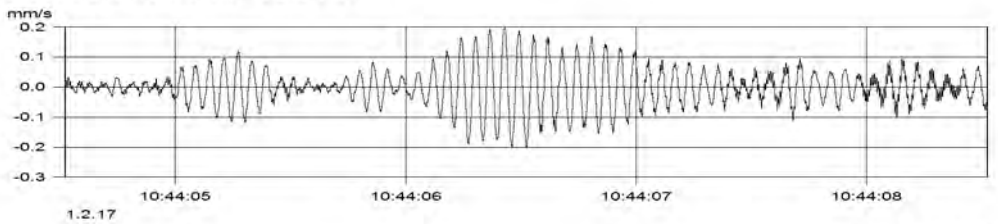
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.202 mm/s



h:m:s

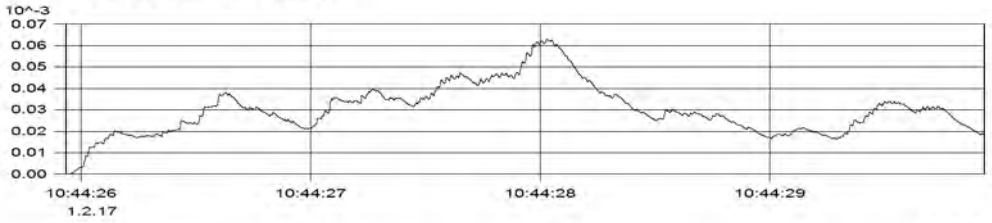
MP3.2 (Kanal\_004) v(max) = 0.202 mm/s



h:m:s

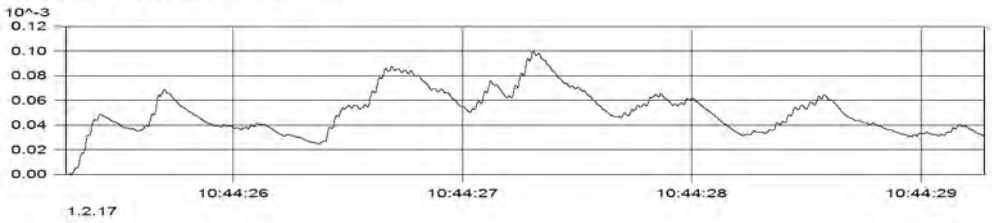
2017-02-01 10-40-00 (17): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.063[-]



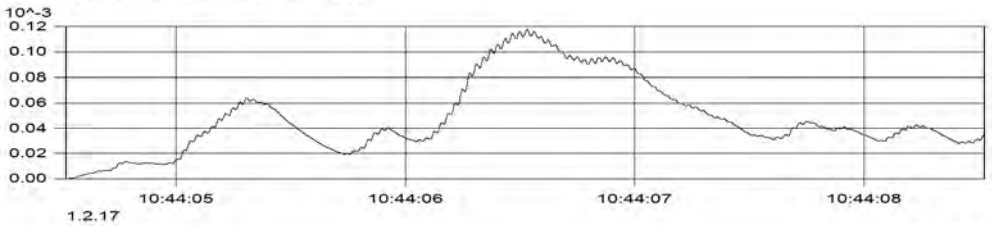
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.100[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.118[-]



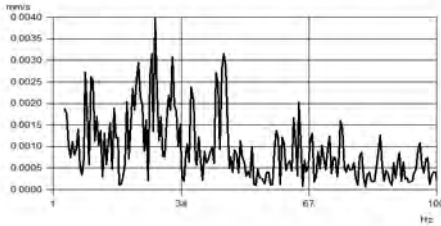
h:m:s

M8D Rill

2017-02-01 10-40-00 (17)

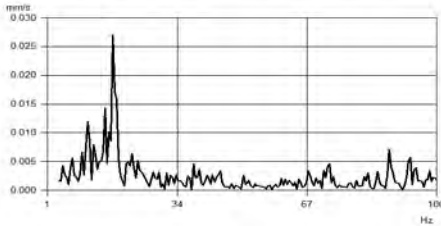
MP1 (Kanal\_001)

$f_e = 27.3 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



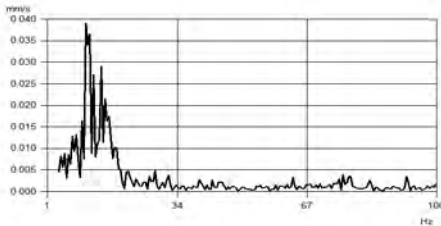
MP2.1 (Kanal\_002)

$f_e = 17.6 \text{ Hz} / v(\text{max}) = 0.027 \text{ mm/s}$



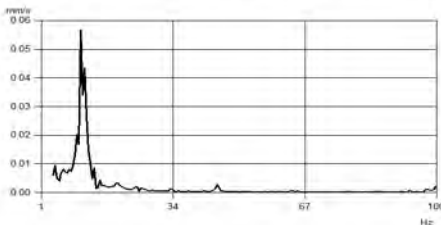
MP3.1 (Kanal\_003)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.039 \text{ mm/s}$



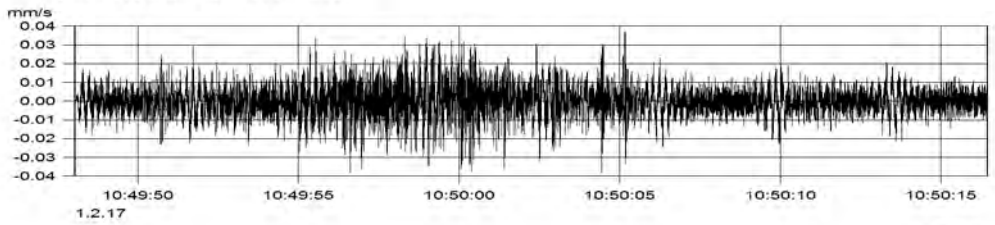
MP3.2 (Kanal\_004)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.057 \text{ mm/s}$

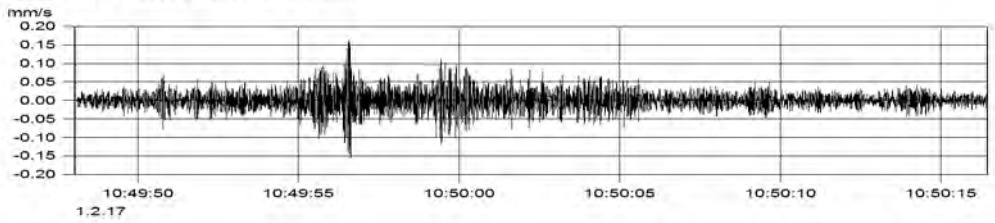


2017-02-01 10:44-49 (18): M8D Ril

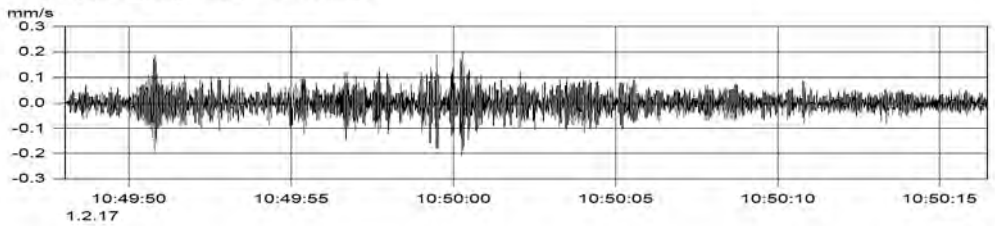
MP1 (Kanal\_001) v(max) = 0.038 mm/s



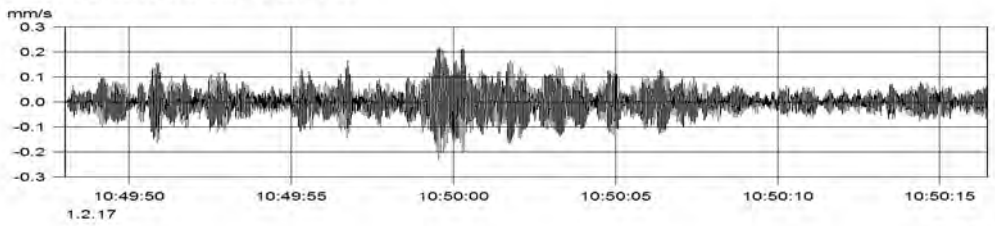
MP2.1 (Kanal\_002) v(max) = 0.161 mm/s



MP3.1 (Kanal\_003) v(max) = 0.210 mm/s

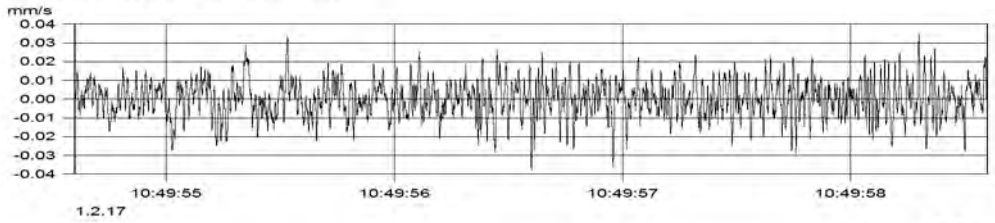


MP3.2 (Kanal\_004) v(max) = 0.229 mm/s

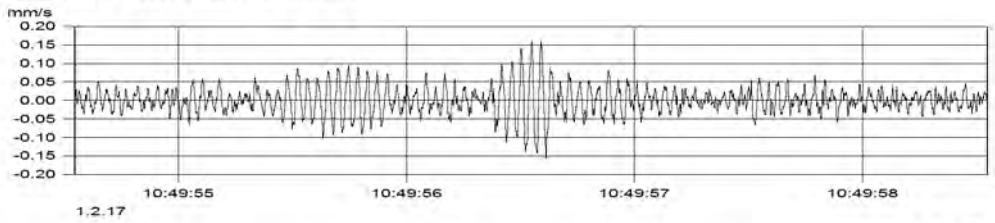


2017-02-01 10:44-49 (18): M8D Ril

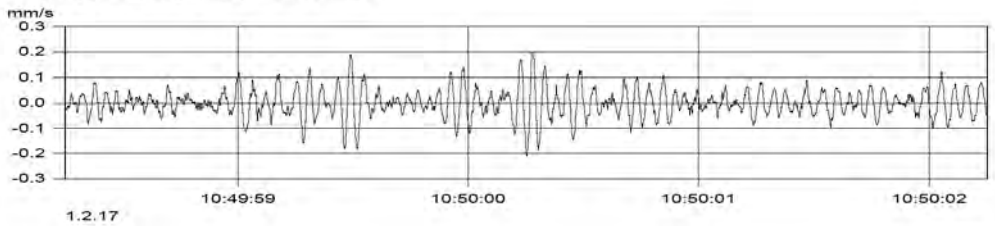
MP1 (Kanal\_001) v(max) = 0.038 mm/s



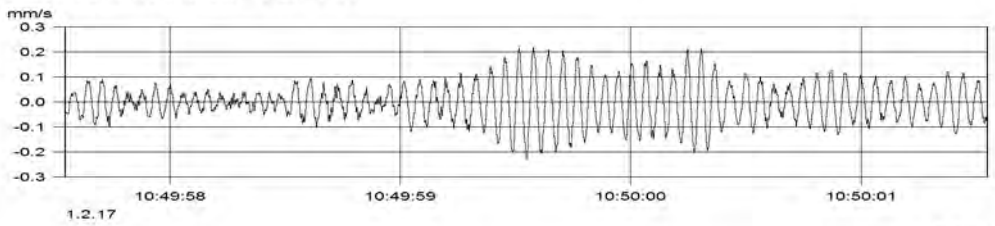
MP2.1 (Kanal\_002) v(max) = 0.161 mm/s



MP3.1 (Kanal\_003) v(max) = 0.210 mm/s

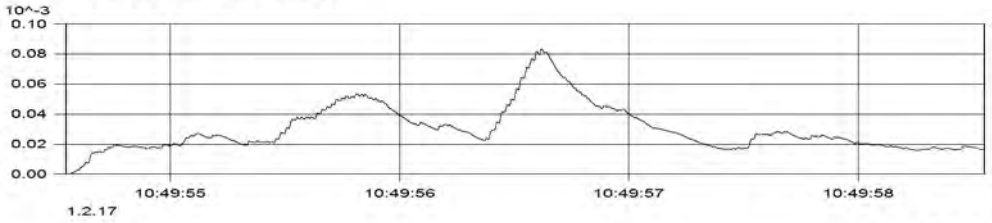


MP3.2 (Kanal\_004) v(max) = 0.229 mm/s



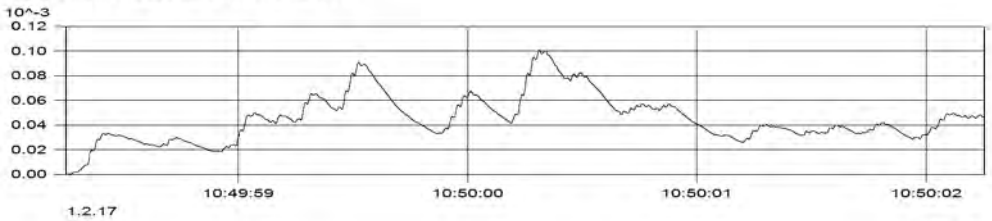
2017-02-01 10:44-49 (18): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.084[-]



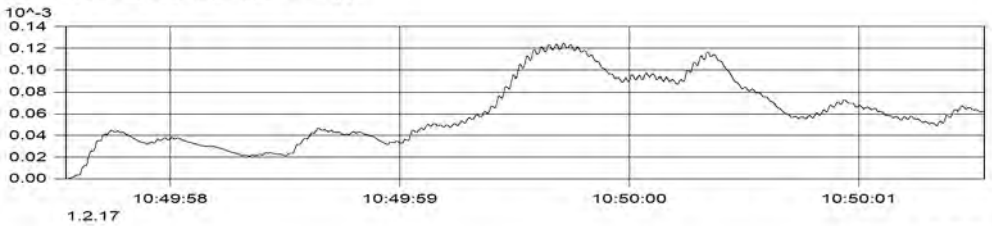
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.101[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.125[-]



h:m:s

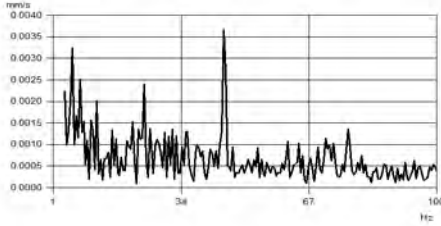


M8D Ril

2017-02-01 10-44-49 (18)

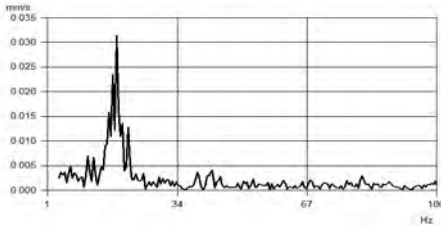
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



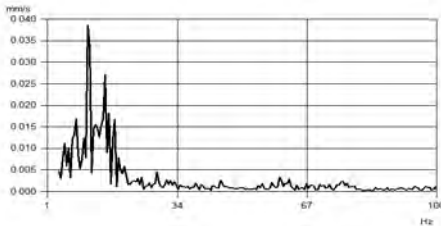
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.031 \text{ mm/s}$



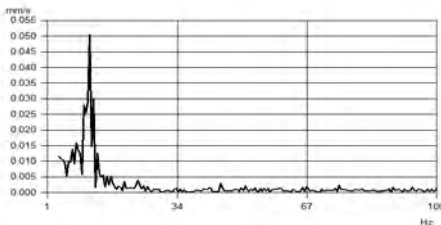
MP3.1 (Kanal\_003)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.039 \text{ mm/s}$



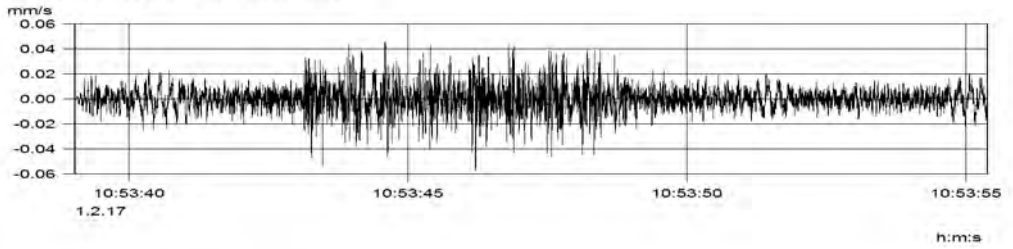
MP3.2 (Kanal\_004)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.050 \text{ mm/s}$

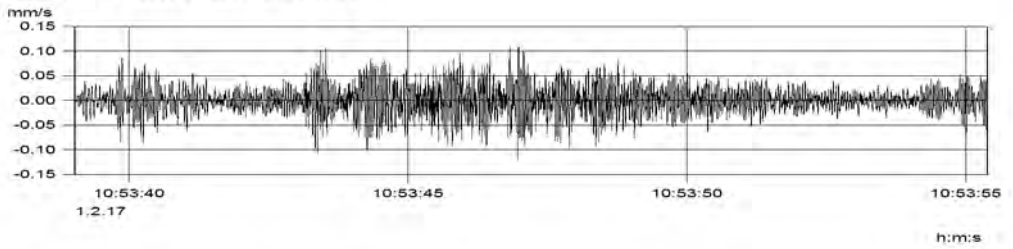


2017-02-01 10:50-18 (19): M8C Rill

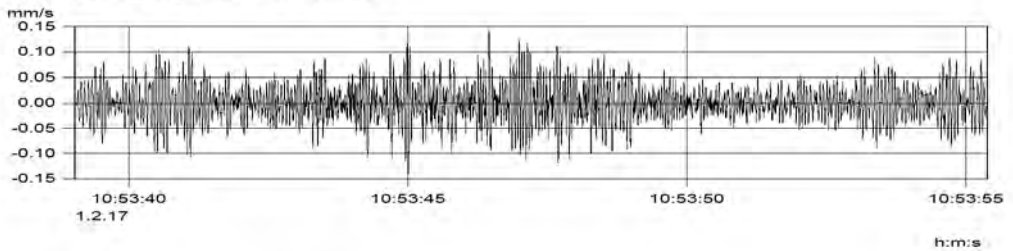
MP1 (Kanal\_001) v(max) = 0.057 mm/s



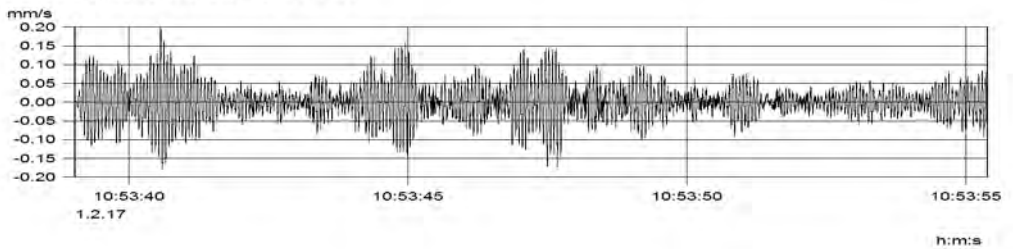
MP2.1 (Kanal\_002) v(max) = 0.119 mm/s



MP3.1 (Kanal\_003) v(max) = 0.143 mm/s

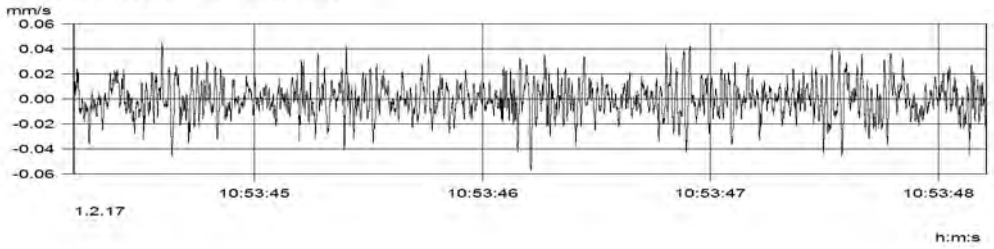


MP3.2 (Kanal\_004) v(max) = 0.197 mm/s

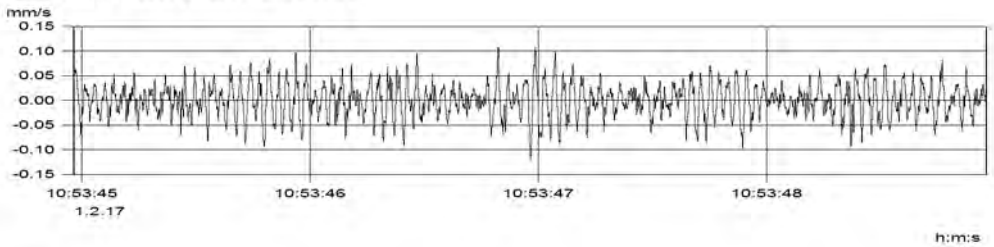


2017-02-01 10:50-18 (19): M8C Rill

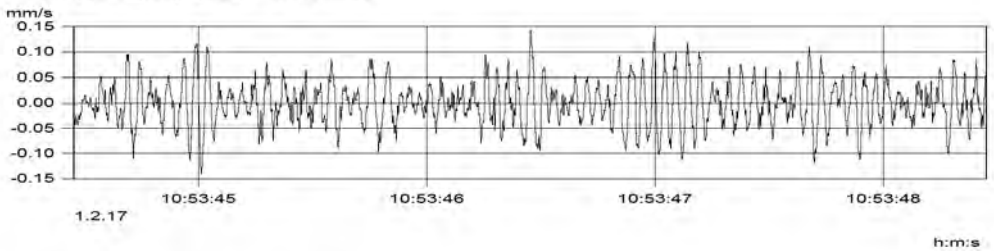
MP1 (Kanal\_001) v(max) = 0.057 mm/s



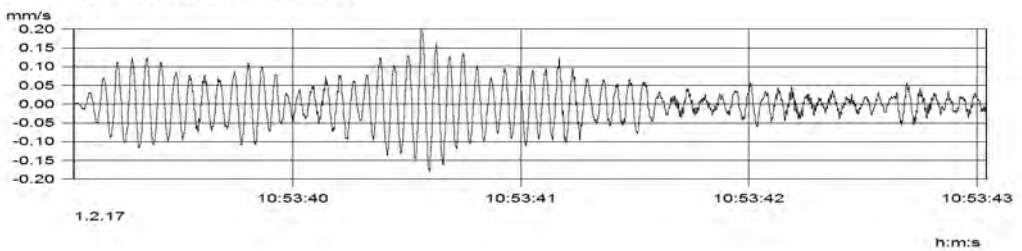
MP2.1 (Kanal\_002) v(max) = 0.119 mm/s



MP3.1 (Kanal\_003) v(max) = 0.143 mm/s

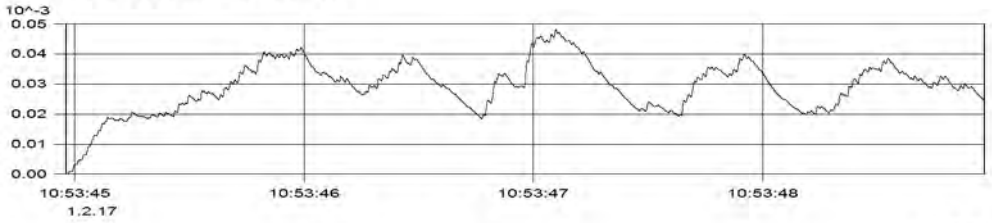


MP3.2 (Kanal\_004) v(max) = 0.197 mm/s



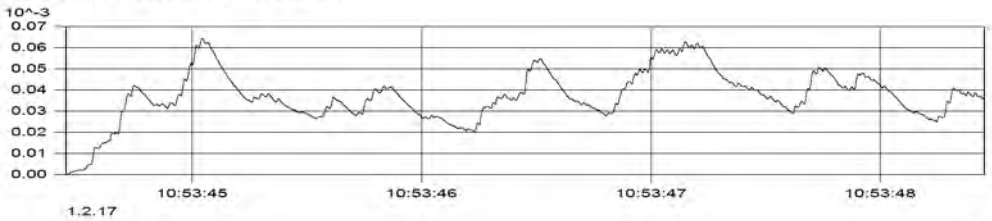
2017-02-01 10:50-18 (19): M8C Rill

MP2.1 (Kanal\_002) KB(max) = 0.048[-]



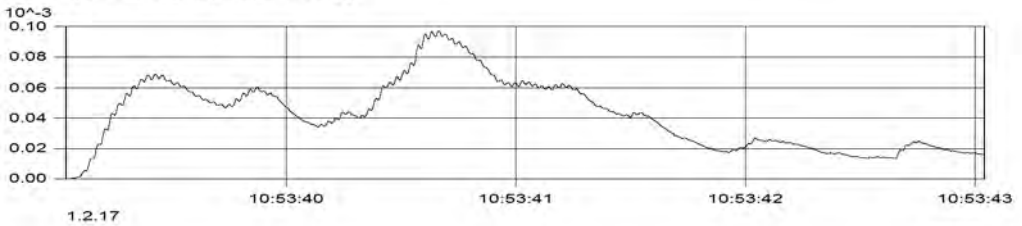
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.064[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.097[-]



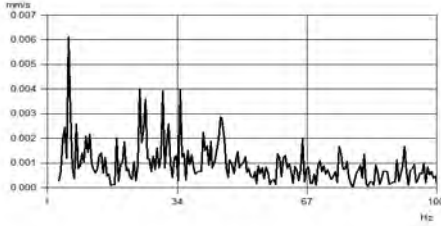
h:m:s

M8C Rill

2017-02-01 10-50-18 (19)

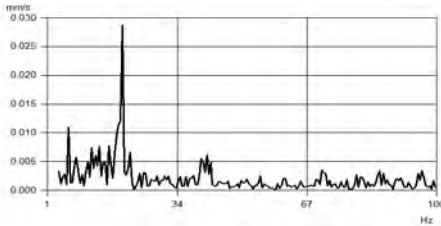
MP1 (Kanal\_001)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



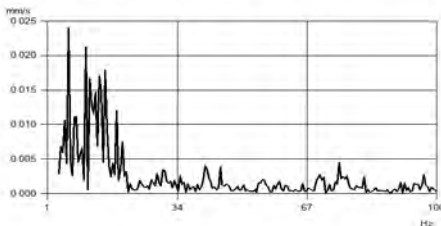
MP2.1 (Kanal\_002)

$f_e = 20.0 \text{ Hz} / v(\text{max}) = 0.029 \text{ mm/s}$



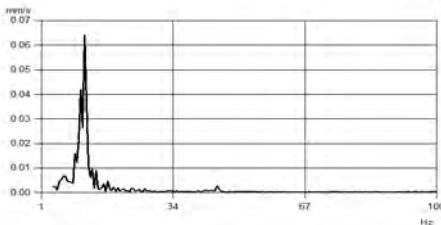
MP3.1 (Kanal\_003)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.024 \text{ mm/s}$



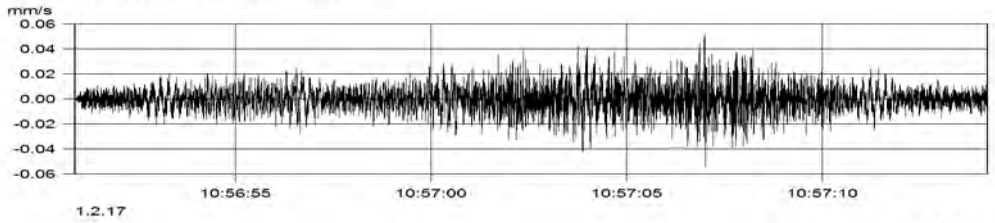
MP3.2 (Kanal\_004)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.064 \text{ mm/s}$



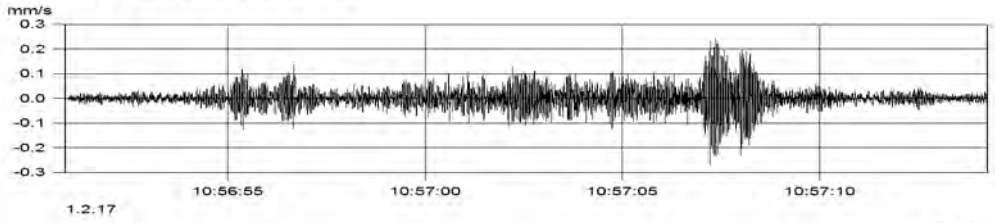
2017-02-01 10:54-32 (20): M8D Ril

MP1 (Kanal\_001) v(max) = 0.054 mm/s



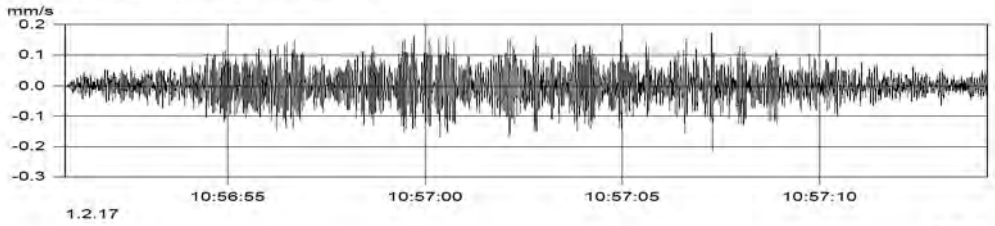
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.269 mm/s



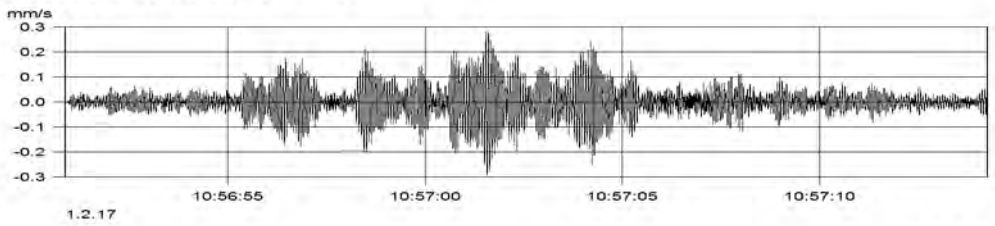
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.213 mm/s



h:m:s

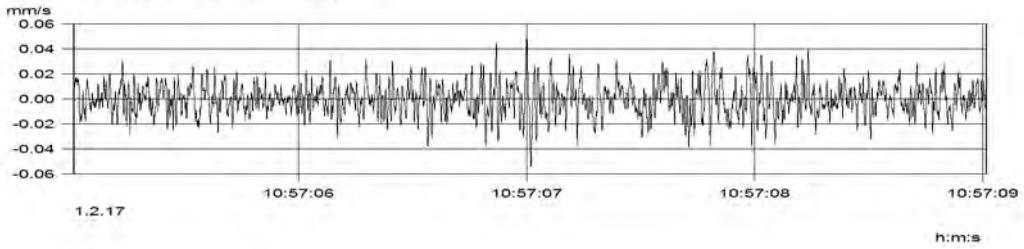
MP3.2 (Kanal\_004) v(max) = 0.291 mm/s



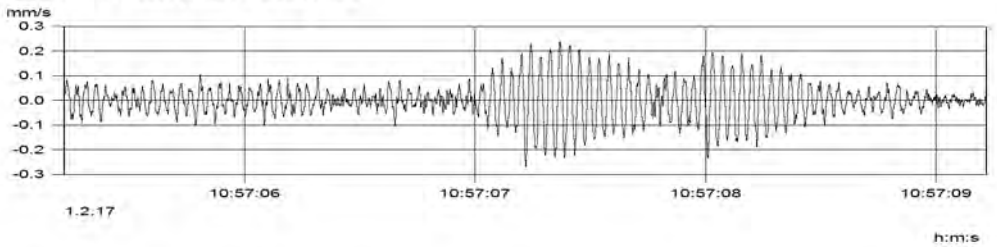
h:m:s

2017-02-01 10:54-32 (20): M8D Ril

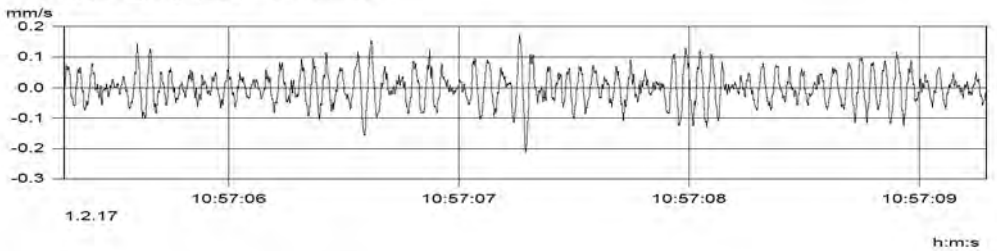
MP1 (Kanal\_001) v(max) = 0.054 mm/s



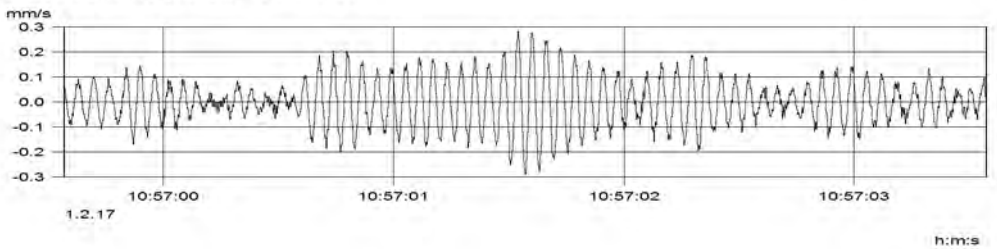
MP2.1 (Kanal\_002) v(max) = 0.269 mm/s



MP3.1 (Kanal\_003) v(max) = 0.213 mm/s



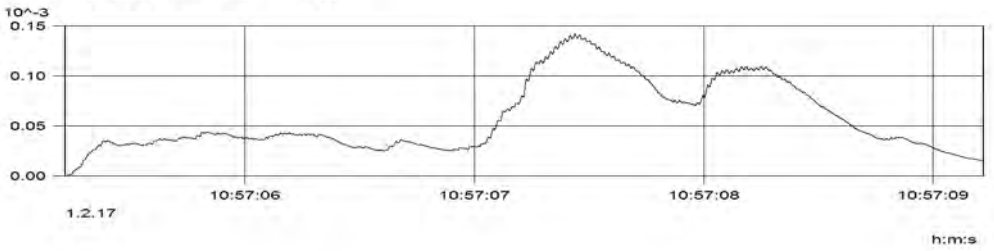
MP3.2 (Kanal\_004) v(max) = 0.291 mm/s



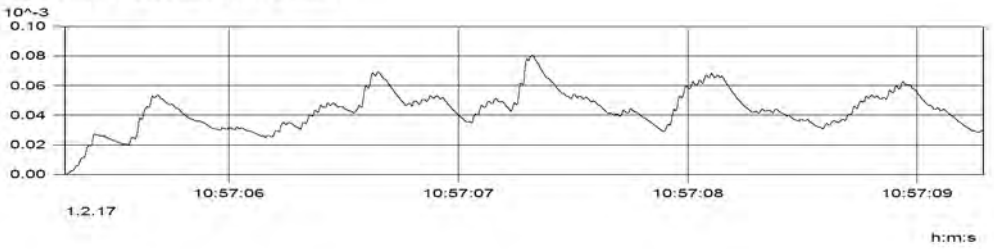


2017-02-01 10:54-32 (20): M8D Ril

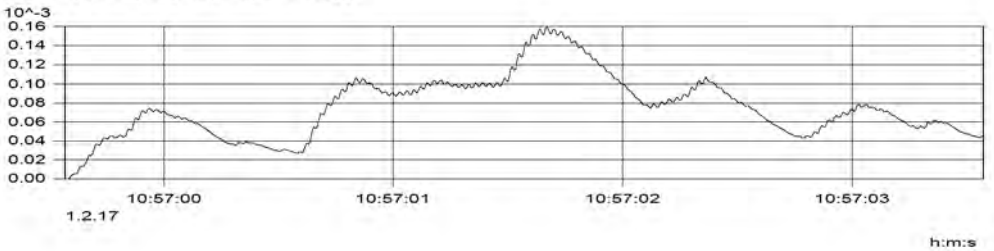
MP2.1 (Kanal\_002) KB(max) = 0.142[-]



MP3.1 (Kanal\_003) KB(max) = 0.080[-]



MP3.2 (Kanal\_004) KB(max) = 0.160[-]

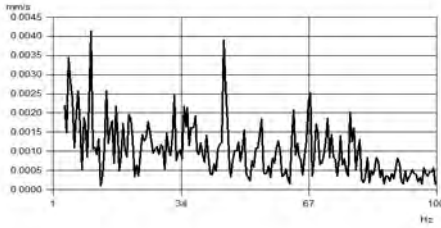


M8D Ril

2017-02-01 10-54-32 (20)

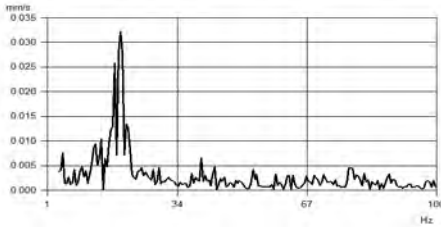
MP1 (Kanal\_001)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



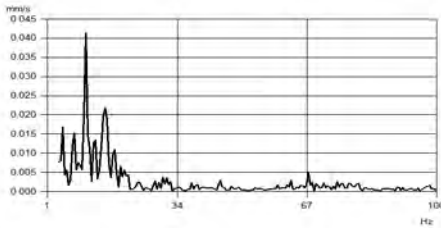
MP2.1 (Kanal\_002)

$f_e = 19.5 \text{ Hz} / v(\text{max}) = 0.032 \text{ mm/s}$



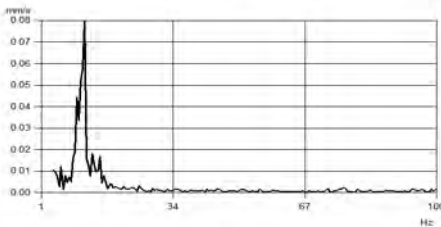
MP3.1 (Kanal\_003)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.041 \text{ mm/s}$



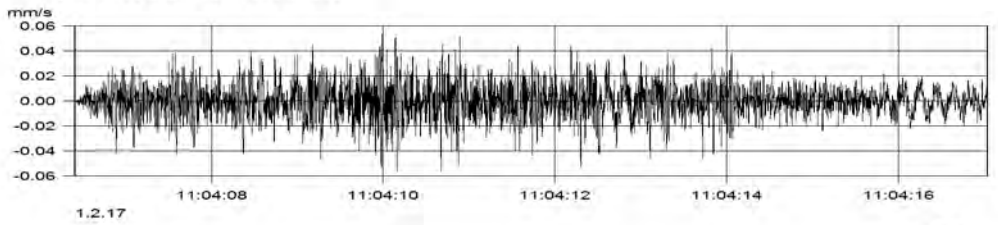
MP3.2 (Kanal\_004)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.080 \text{ mm/s}$



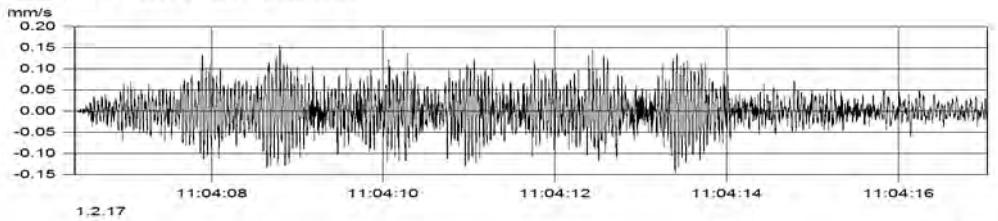
2017-02-01 10:57-19 (21): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.056 mm/s



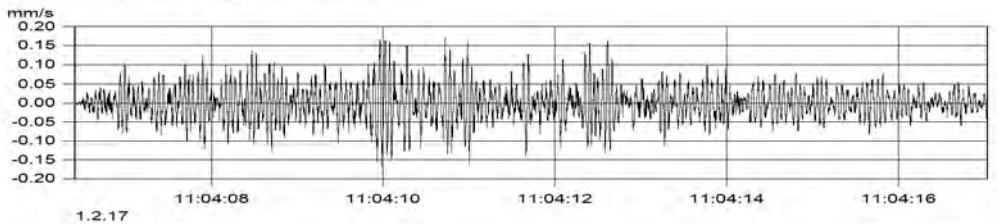
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.156 mm/s



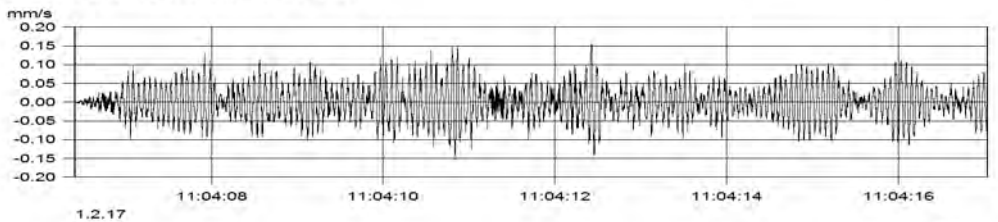
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.172 mm/s



h:m:s

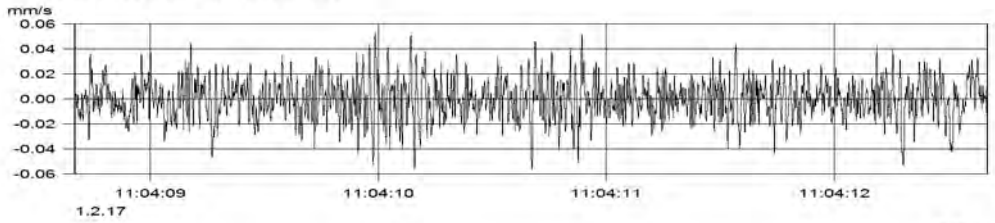
MP3.2 (Kanal\_004) v(max) = 0.157 mm/s



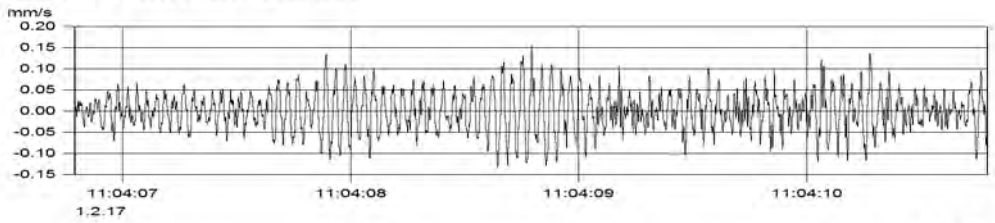
h:m:s

2017-02-01 10-57-19 (21): M8D 3fach Rill

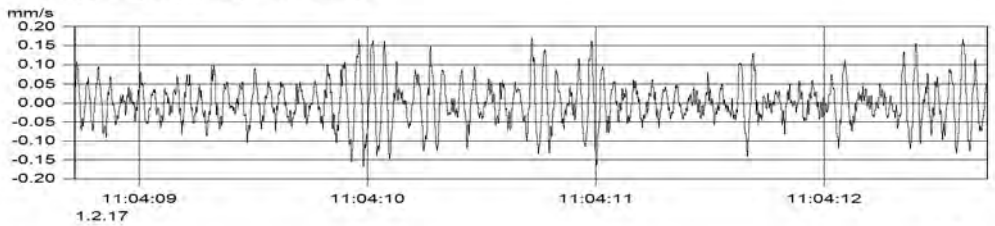
MP1 (Kanal\_001) v(max) = 0.056 mm/s



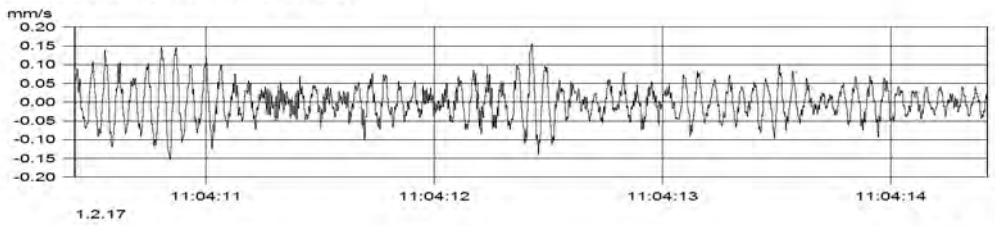
MP2.1 (Kanal\_002) v(max) = 0.156 mm/s



MP3.1 (Kanal\_003) v(max) = 0.172 mm/s

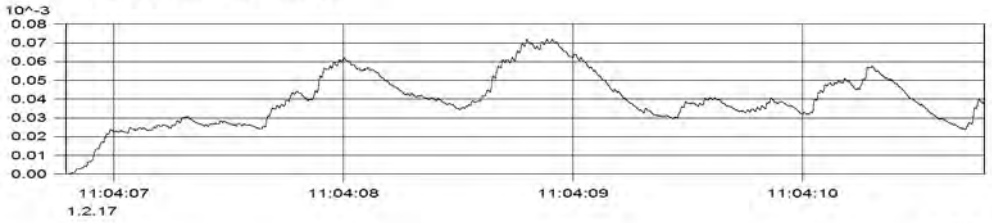


MP3.2 (Kanal\_004) v(max) = 0.157 mm/s

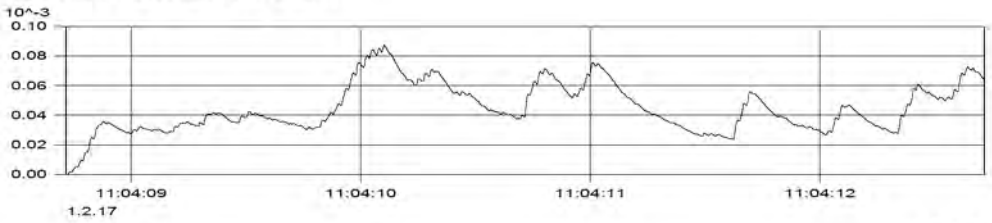


2017-02-01 10:57-19 (21): M8D 3fach Rill

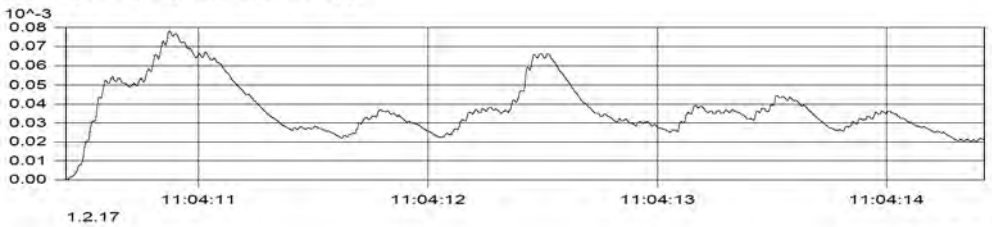
MP2.1 (Kanal\_002) KB(max) = 0.072[-]



MP3.1 (Kanal\_003) KB(max) = 0.087[-]



MP3.2 (Kanal\_004) KB(max) = 0.078[-]

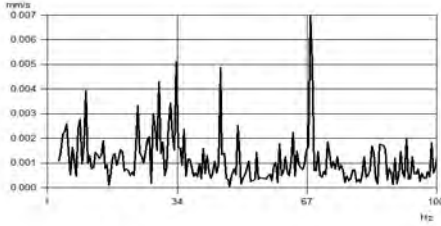


M8D 3fach Rill

2017-02-01 10-57-19 (21)

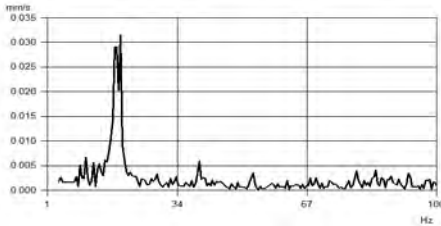
MP1 (Kanal\_001)

$f_e = 67.9 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



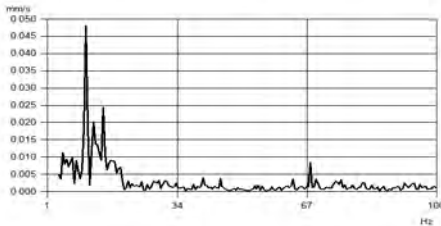
MP2.1 (Kanal\_002)

$f_e = 19.5 \text{ Hz} / v(\text{max}) = 0.031 \text{ mm/s}$



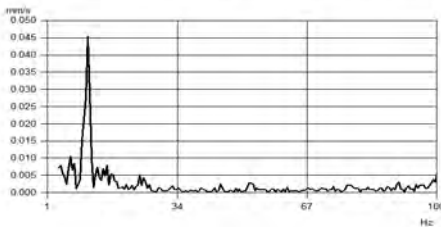
MP3.1 (Kanal\_003)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.048 \text{ mm/s}$



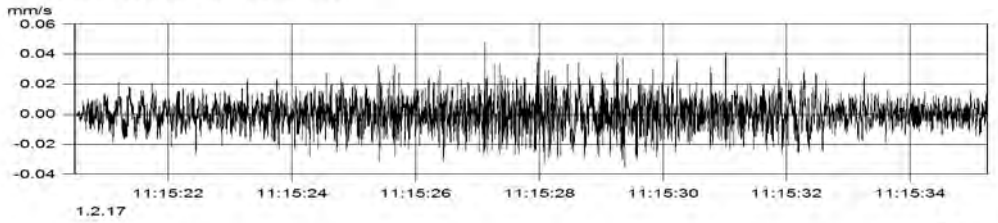
MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.045 \text{ mm/s}$



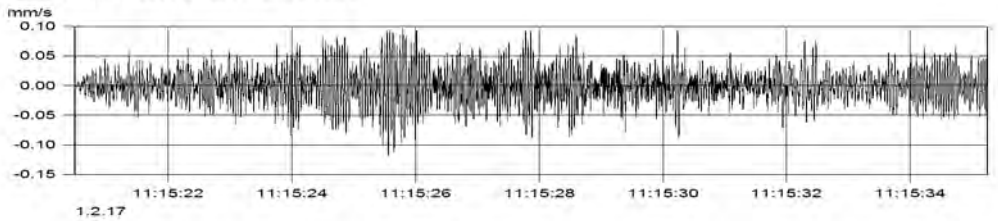
2017-02-01 11-14-34 (2): M8D Ril

MP1 (Kanal\_001) v(max) = 0.048 mm/s



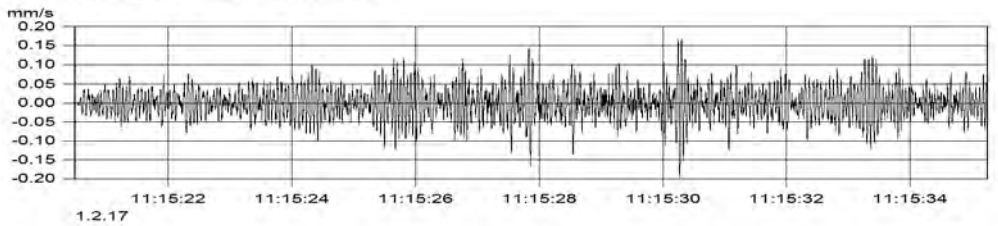
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.119 mm/s



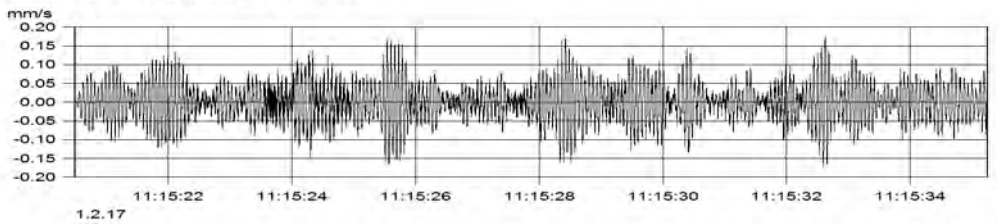
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.198 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.176 mm/s

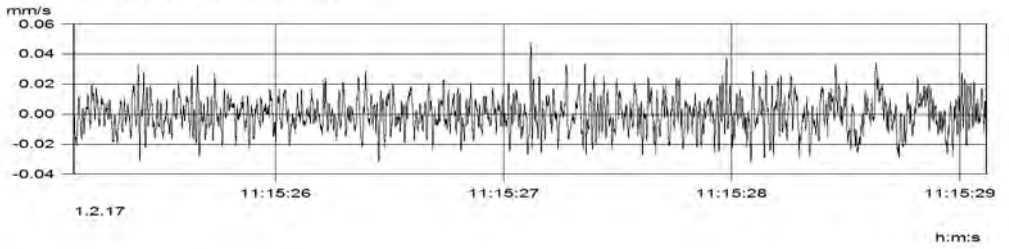


h:m:s

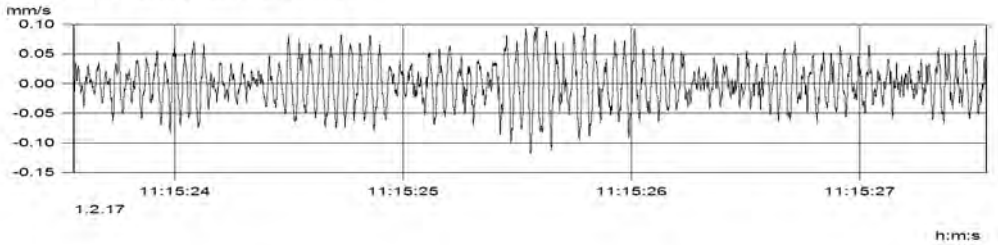


2017-02-01 11-14-34 (2): M8D Ril

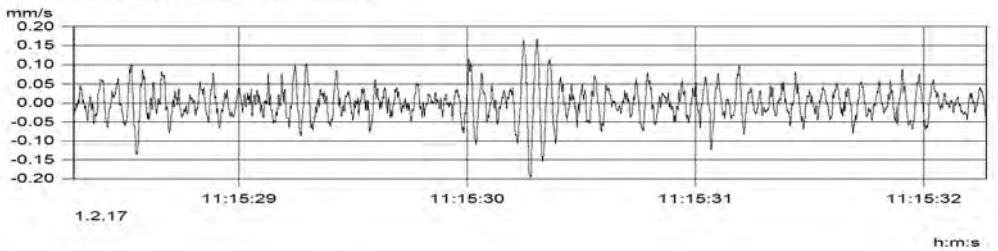
MP1 (Kanal\_001) v(max) = 0.048 mm/s



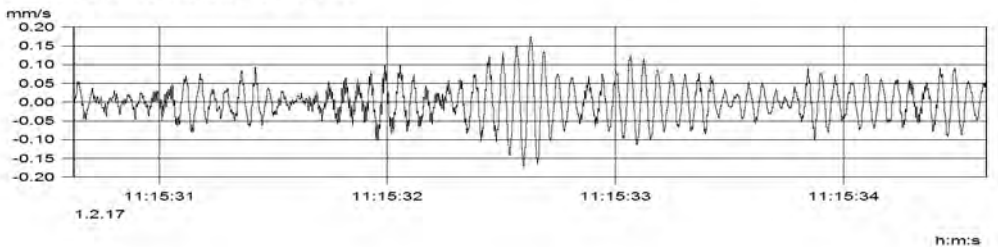
MP2.1 (Kanal\_002) v(max) = 0.119 mm/s



MP3.1 (Kanal\_003) v(max) = 0.198 mm/s

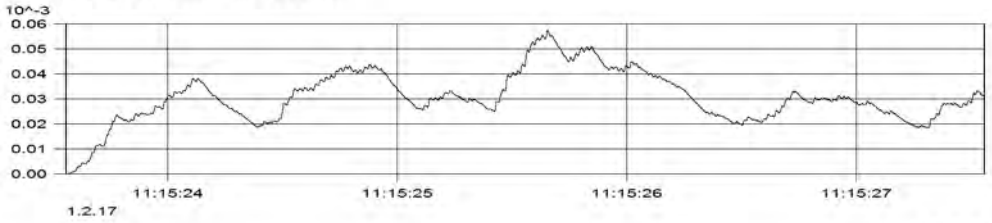


MP3.2 (Kanal\_004) v(max) = 0.176 mm/s



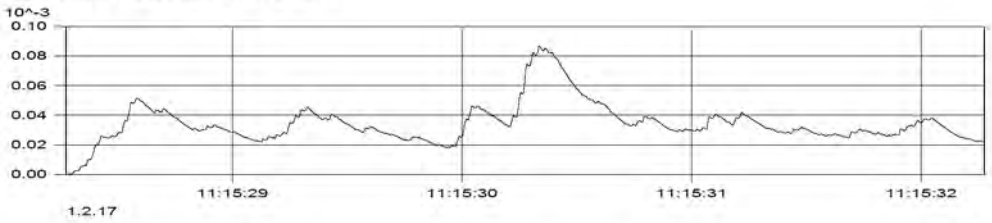
2017-02-01 11-14-34 (2): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.057[-]



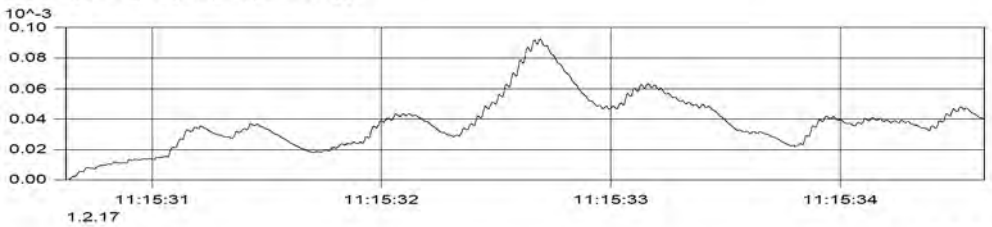
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.087[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.093[-]



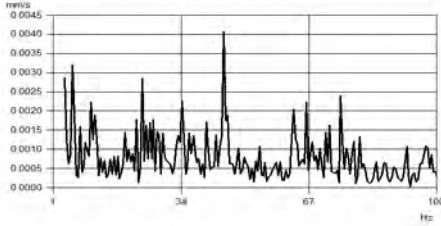
h:m:s

M8D Ril

2017-02-01 11-14-34 (2)

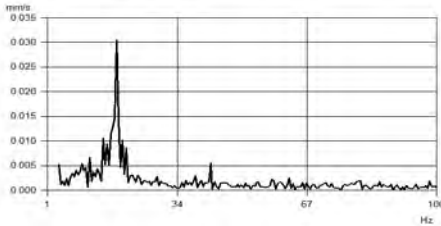
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



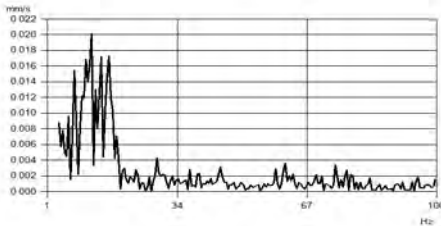
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.031 \text{ mm/s}$



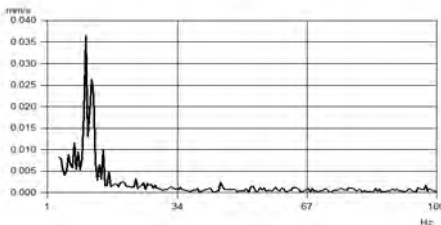
MP3.1 (Kanal\_003)

$f_e = 12.2 \text{ Hz} / v(\text{max}) = 0.020 \text{ mm/s}$



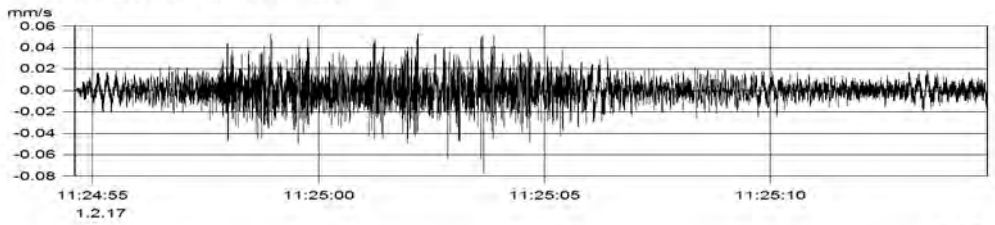
MP3.2 (Kanal\_004)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.036 \text{ mm/s}$

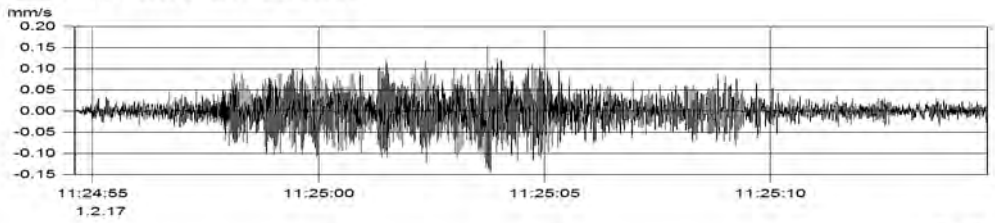


2017-02-01 11:22-40 (4): M8D 3fach Rill

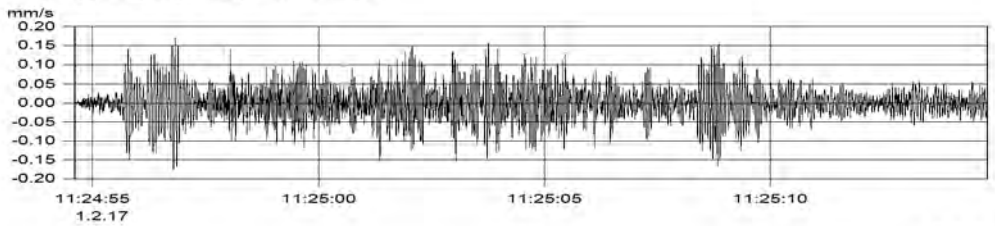
MP1 (Kanal\_001) v(max) = 0.078 mm/s



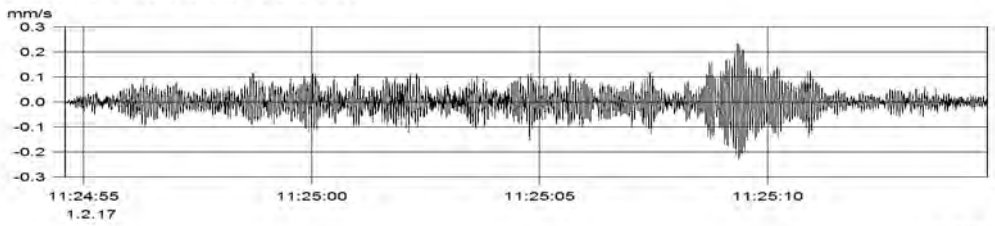
MP2.1 (Kanal\_002) v(max) = 0.153 mm/s



MP3.1 (Kanal\_003) v(max) = 0.178 mm/s

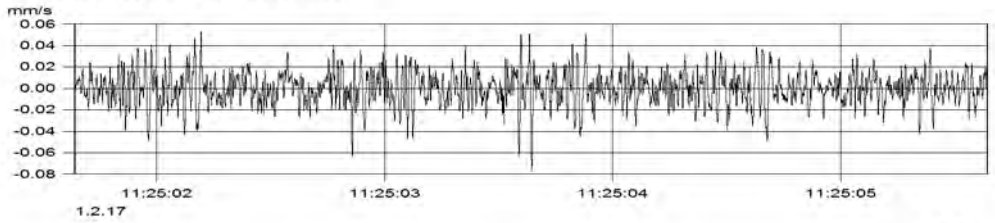


MP3.2 (Kanal\_004) v(max) = 0.235 mm/s

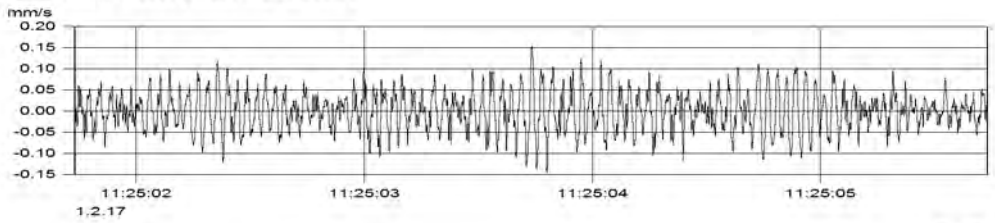


2017-02-01 11:22-40 (4): M8D 3fach Rill

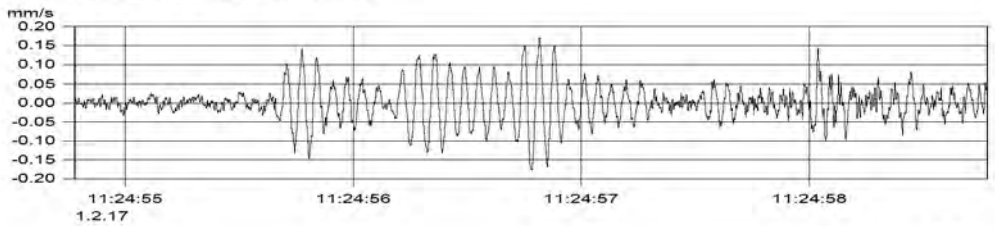
MP1 (Kanal\_001) v(max) = 0.078 mm/s



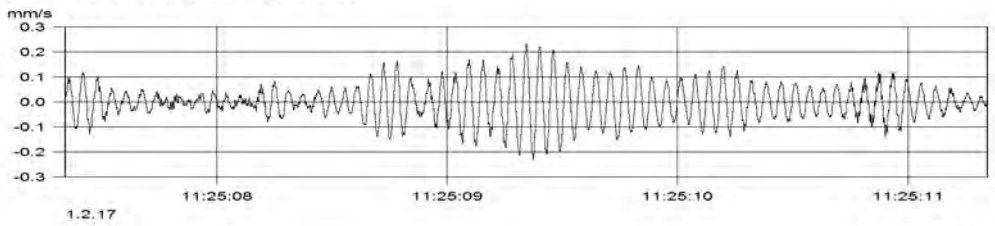
MP2.1 (Kanal\_002) v(max) = 0.153 mm/s



MP3.1 (Kanal\_003) v(max) = 0.178 mm/s



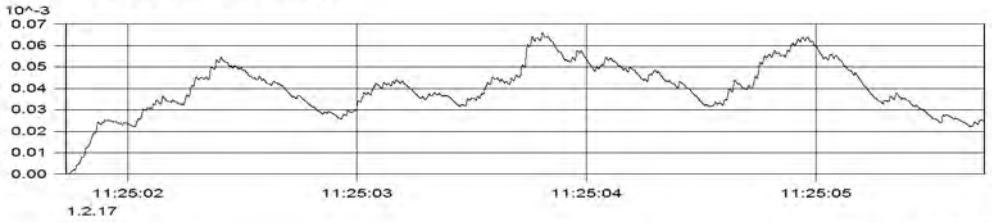
MP3.2 (Kanal\_004) v(max) = 0.235 mm/s



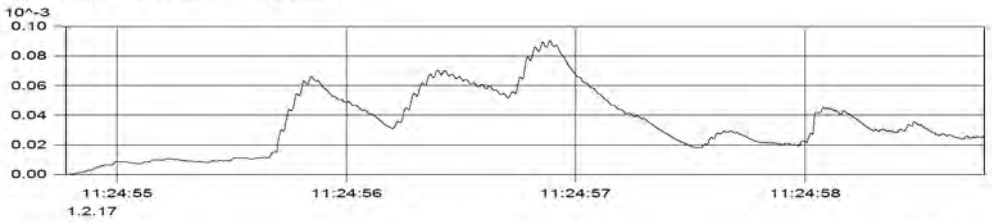


2017-02-01 11:22-40 (4): M8D 3fach Rill

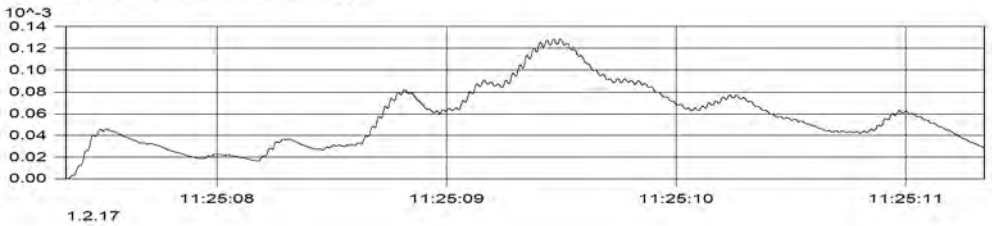
MP2.1 (Kanal\_002) KB(max) = 0.066[-]



MP3.1 (Kanal\_003) KB(max) = 0.090[-]



MP3.2 (Kanal\_004) KB(max) = 0.129[-]

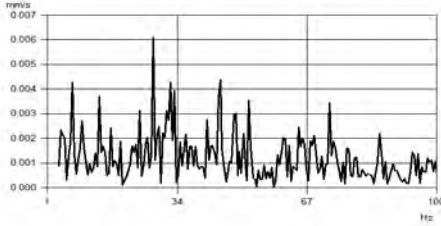


M8D 3fach Rill

2017-02-01 11-22-40 (4)

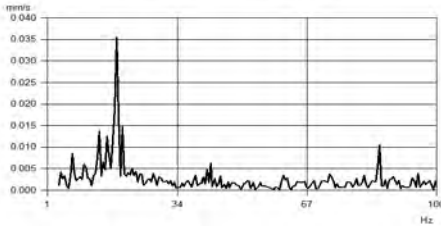
MP1 (Kanal\_001)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



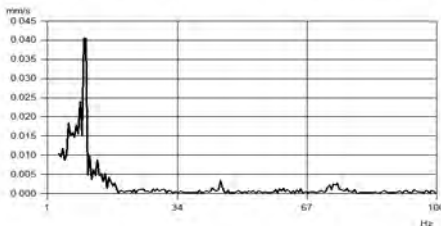
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.035 \text{ mm/s}$



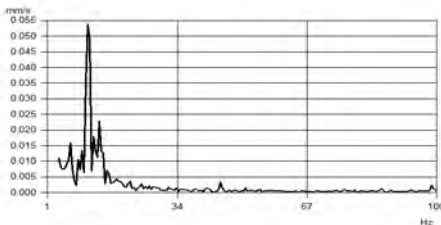
MP3.1 (Kanal\_003)

$f_e = 10.3 \text{ Hz} / v(\text{max}) = 0.041 \text{ mm/s}$



MP3.2 (Kanal\_004)

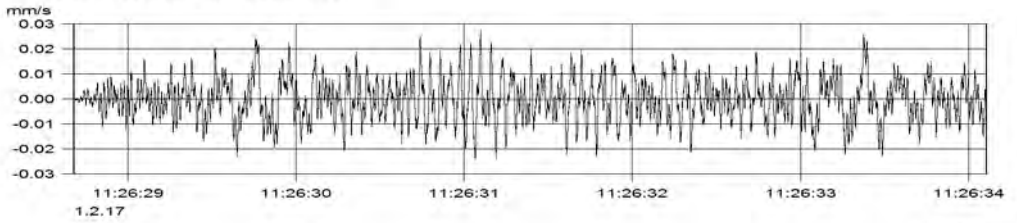
$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.054 \text{ mm/s}$



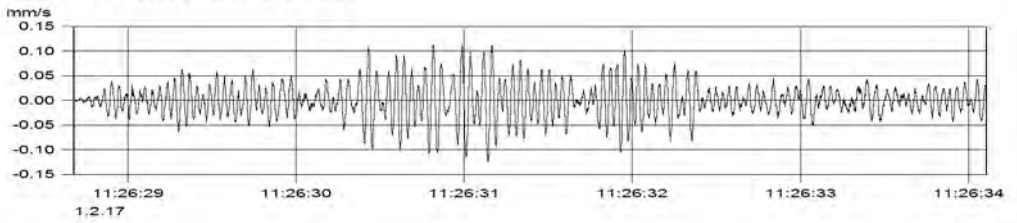


2017-02-01 11:25-18 (5): M8D 3fach Ril

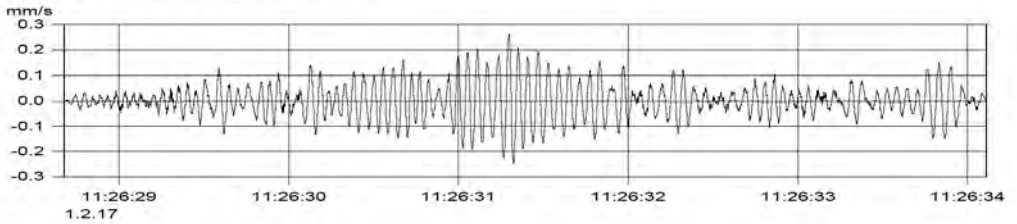
MP1 (Kanal\_001) v(max) = 0.028 mm/s



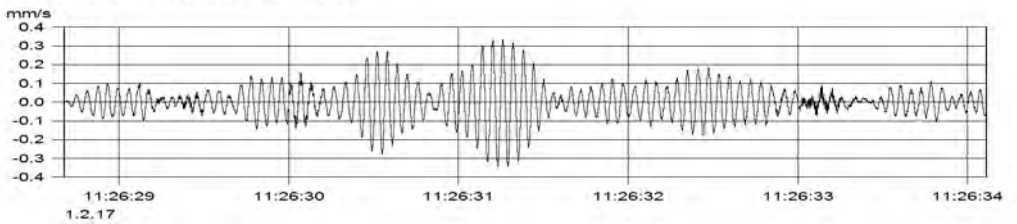
MP2.1 (Kanal\_002) v(max) = 0.124 mm/s



MP3.1 (Kanal\_003) v(max) = 0.265 mm/s

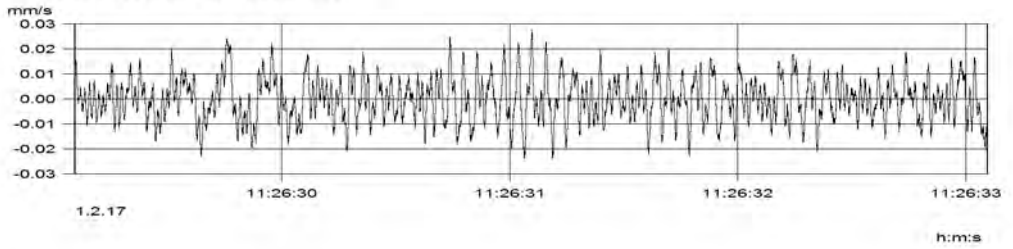


MP3.2 (Kanal\_004) v(max) = 0.346 mm/s

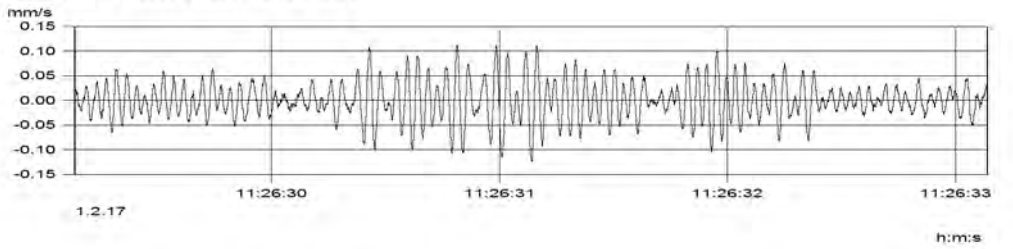


2017-02-01 11:25-18 (5): M8D 3fach Ril

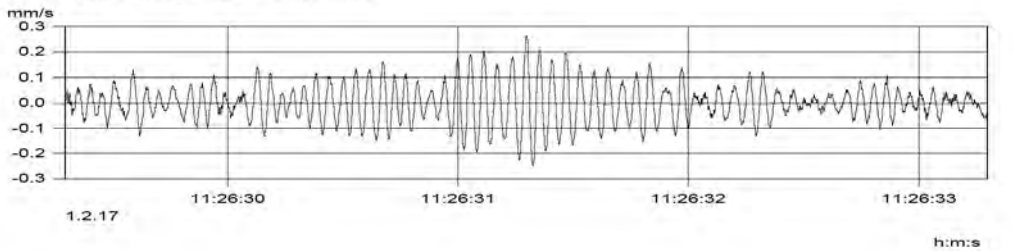
MP1 (Kanal\_001) v(max) = 0.028 mm/s



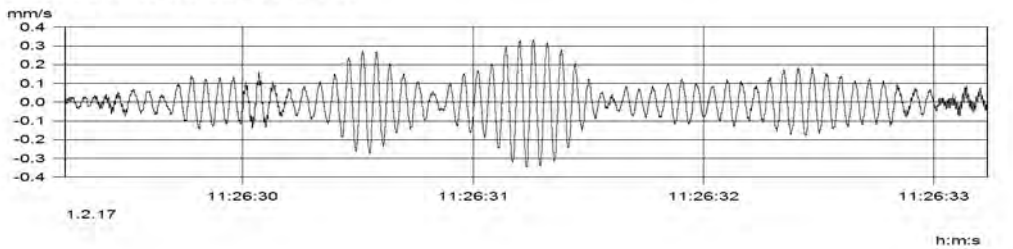
MP2.1 (Kanal\_002) v(max) = 0.124 mm/s



MP3.1 (Kanal\_003) v(max) = 0.265 mm/s

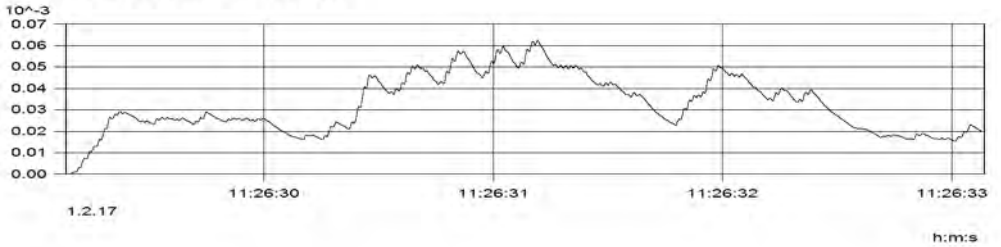


MP3.2 (Kanal\_004) v(max) = 0.346 mm/s

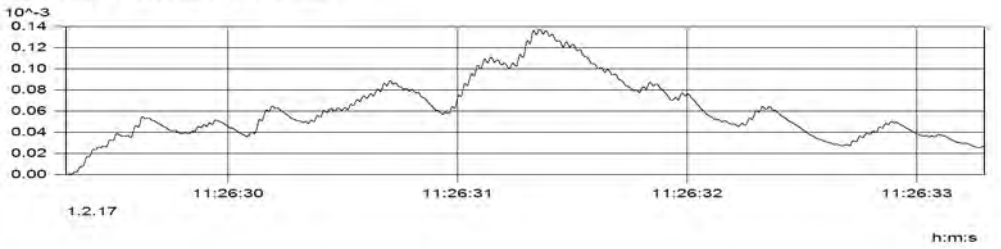


2017-02-01 11:25-18 (5): M8D 3fach Ril

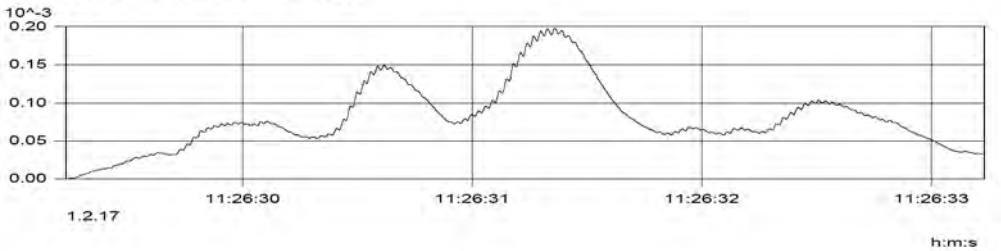
MP2.1 (Kanal\_002) KB(max) = 0.062[-]



MP3.1 (Kanal\_003) KB(max) = 0.138[-]



MP3.2 (Kanal\_004) KB(max) = 0.198[-]

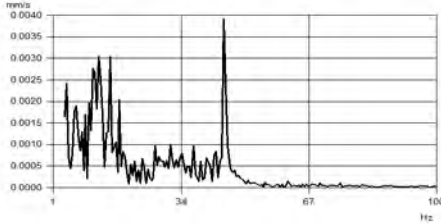


M8D 3fach Ril

2017-02-01 11-25-18 (5)

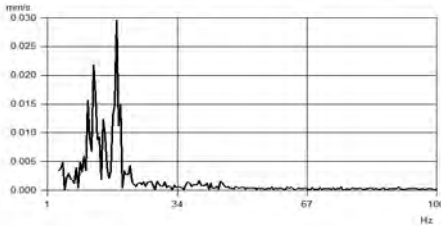
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



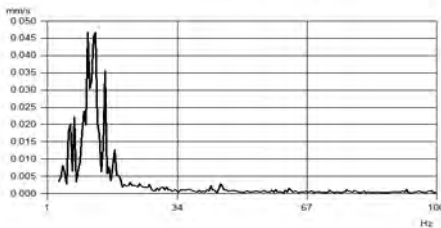
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.030 \text{ mm/s}$



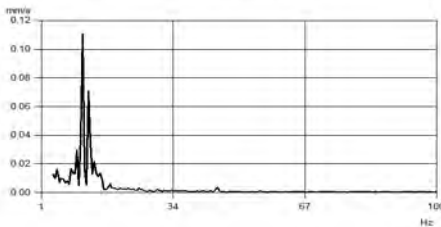
MP3.1 (Kanal\_003)

$f_e = 13.2 \text{ Hz} / v(\text{max}) = 0.047 \text{ mm/s}$

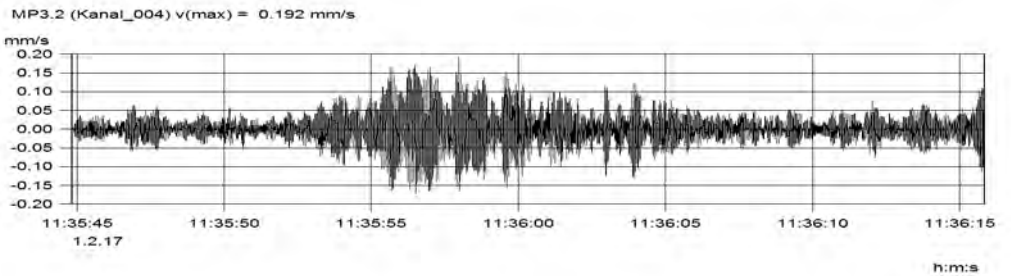
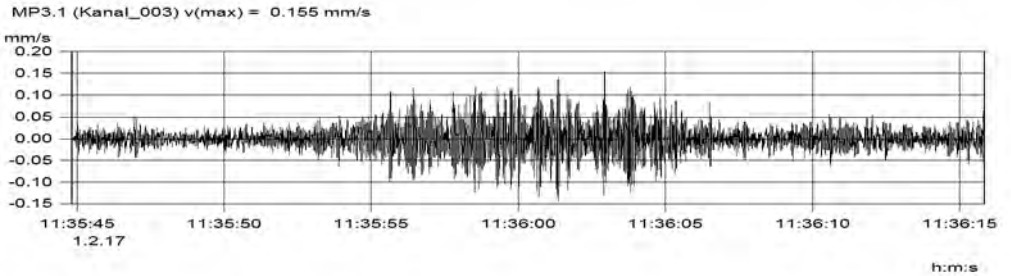
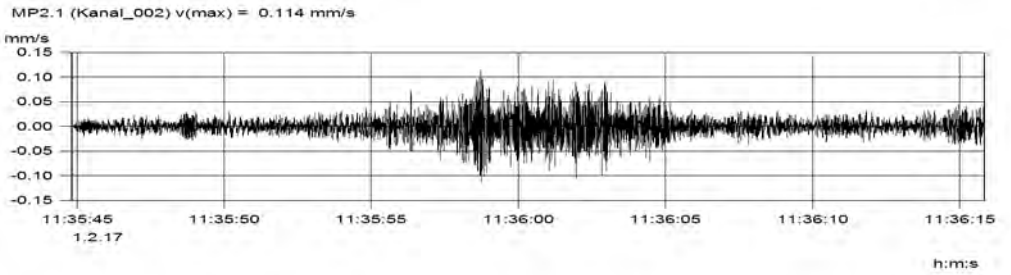
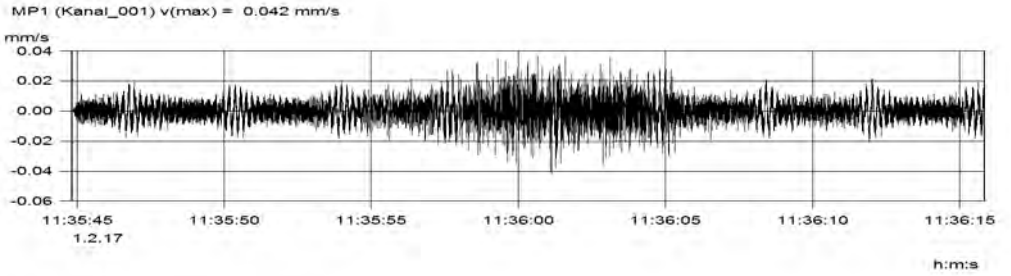


MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.110 \text{ mm/s}$

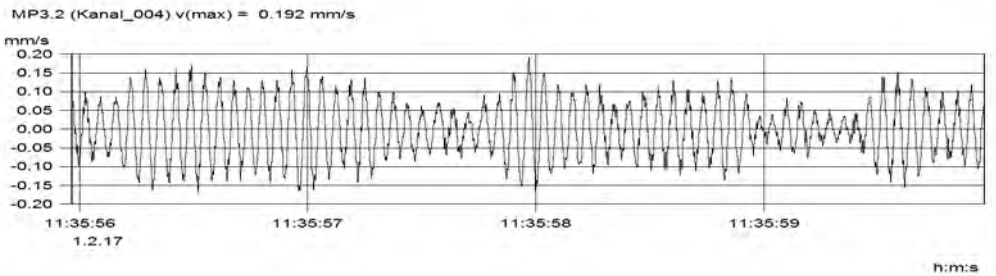
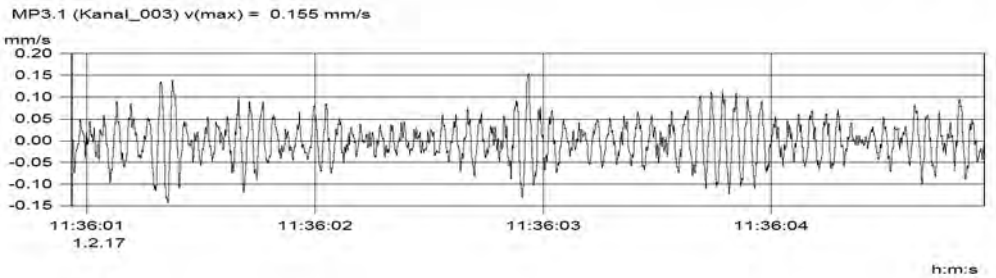
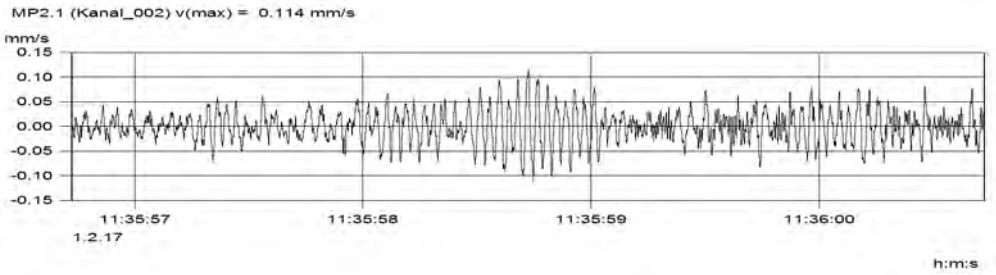
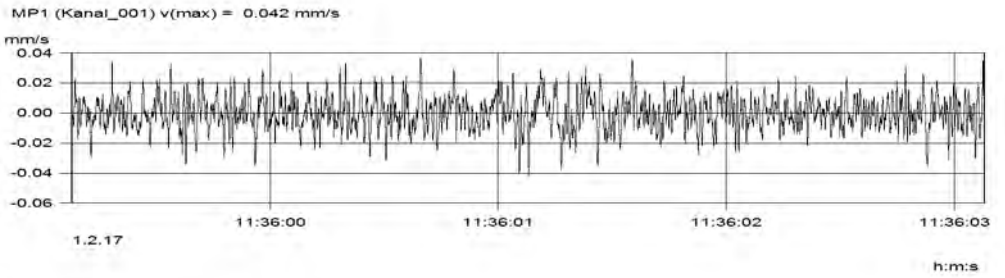


2017-02-01 11-26-46 (6): M8D Ril



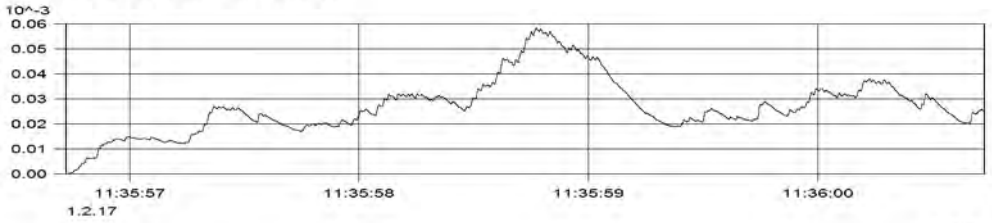


2017-02-01 11-26-46 (6): M8D Ril



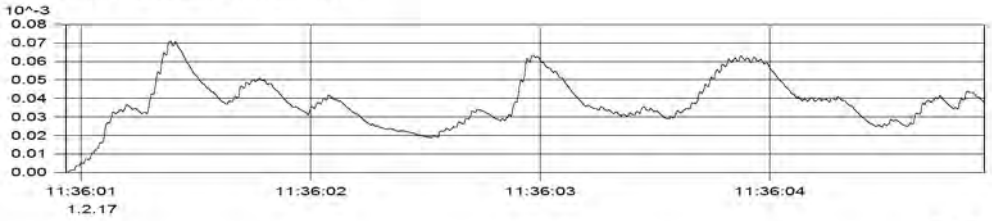
2017-02-01 11-26-46 (6): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.058[-]



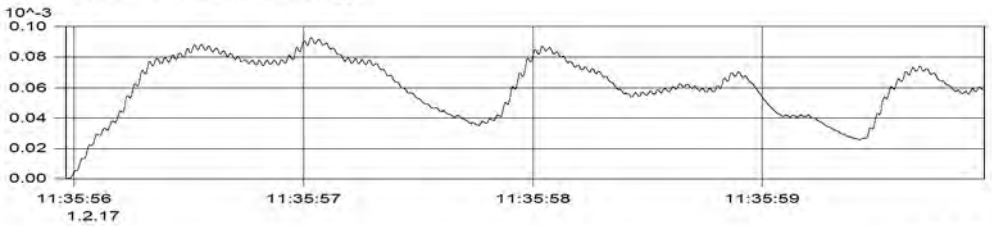
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.071[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.093[-]



h:m:s

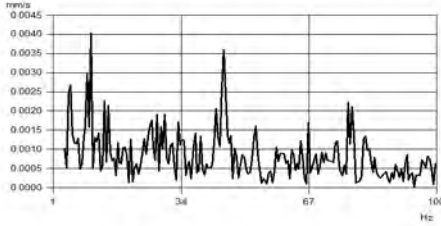


M8D Ril

2017-02-01 11-26-46 (6)

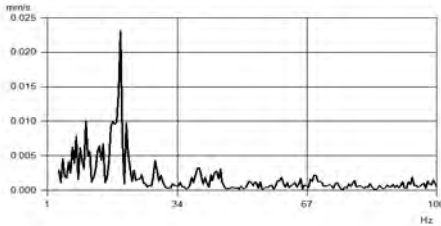
MP1 (Kanal\_001)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



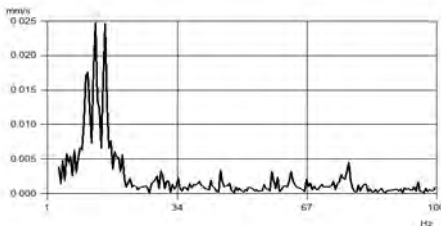
MP2.1 (Kanal\_002)

$f_e = 19.5 \text{ Hz} / v(\text{max}) = 0.023 \text{ mm/s}$



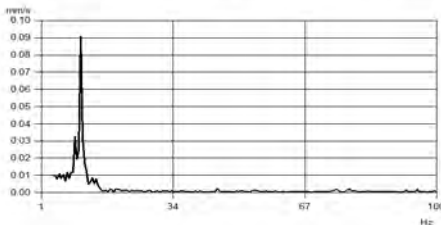
MP3.1 (Kanal\_003)

$f_e = 13.2 \text{ Hz} / v(\text{max}) = 0.025 \text{ mm/s}$



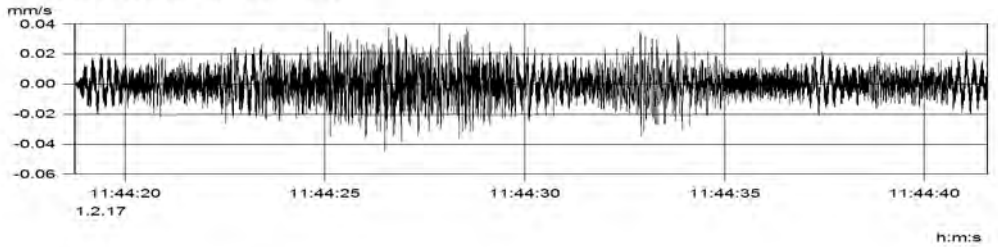
MP3.2 (Kanal\_004)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.091 \text{ mm/s}$

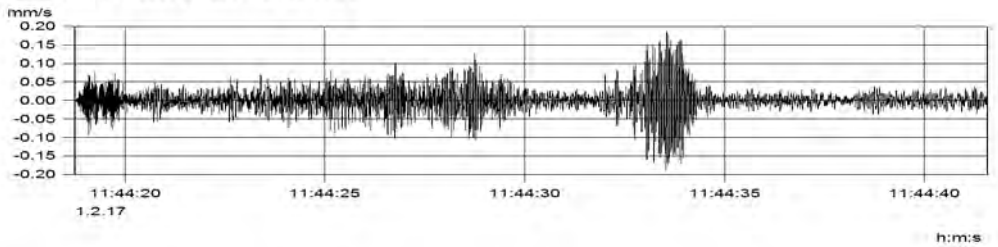


2017-02-01 11:38-25 (8): M8C Ril

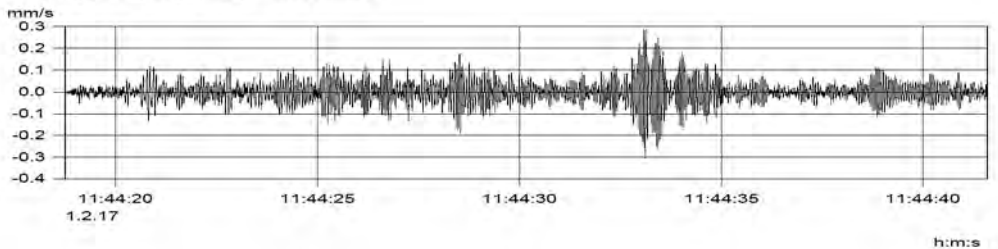
MP1 (Kanal\_001) v(max) = 0.044 mm/s



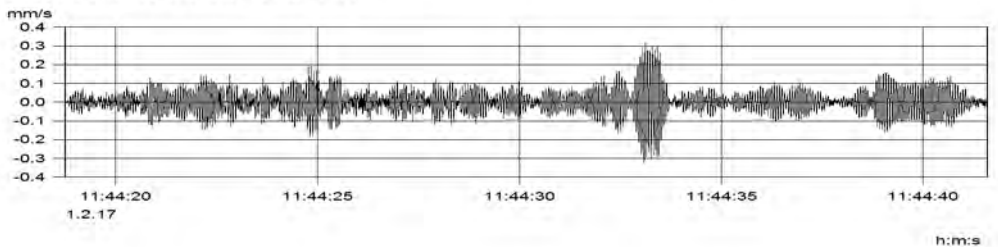
MP2.1 (Kanal\_002) v(max) = 0.186 mm/s



MP3.1 (Kanal\_003) v(max) = 0.306 mm/s

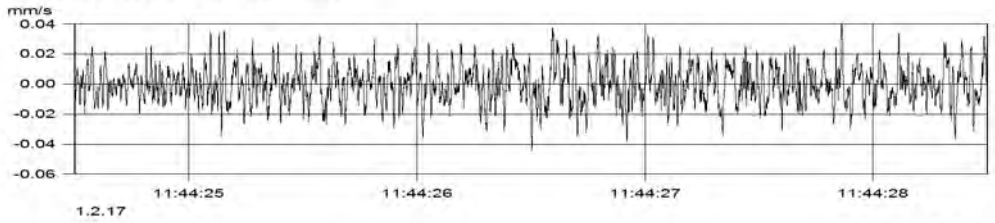


MP3.2 (Kanal\_004) v(max) = 0.320 mm/s



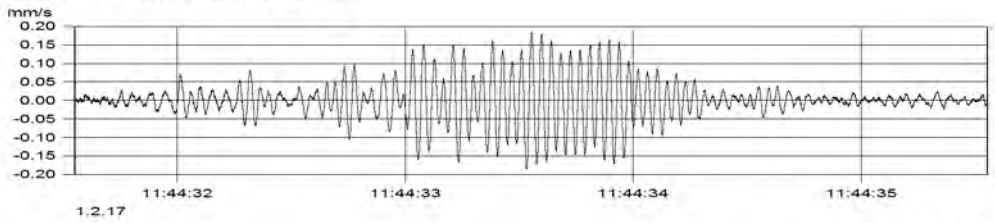
2017-02-01 11:38-25 (8): M8C Ril

MP1 (Kanal\_001) v(max) = 0.044 mm/s



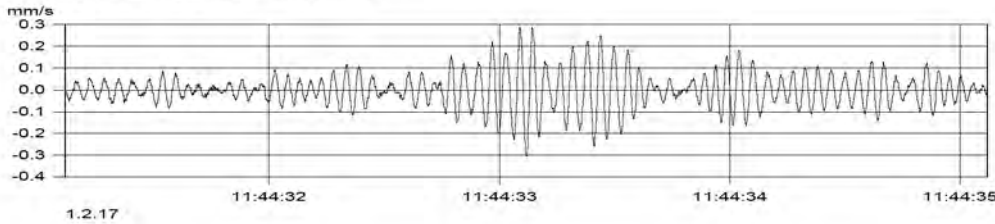
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.186 mm/s



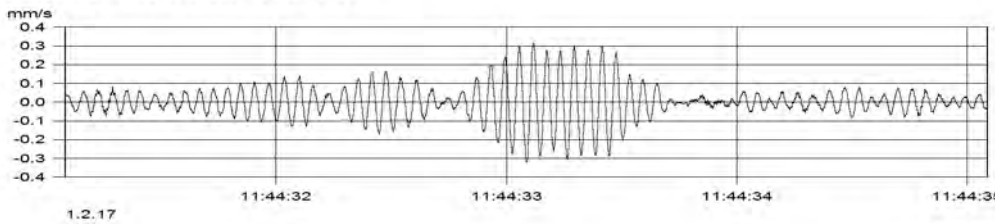
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.306 mm/s



h:m:s

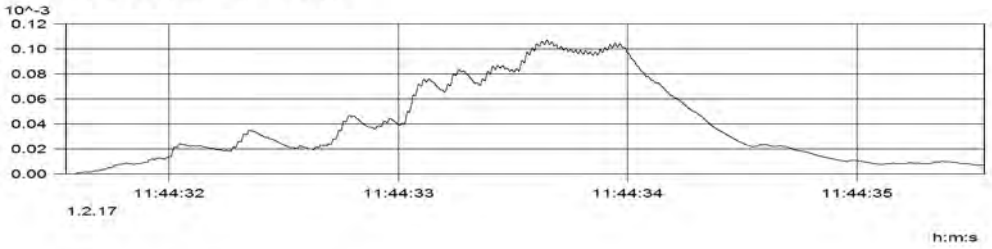
MP3.2 (Kanal\_004) v(max) = 0.320 mm/s



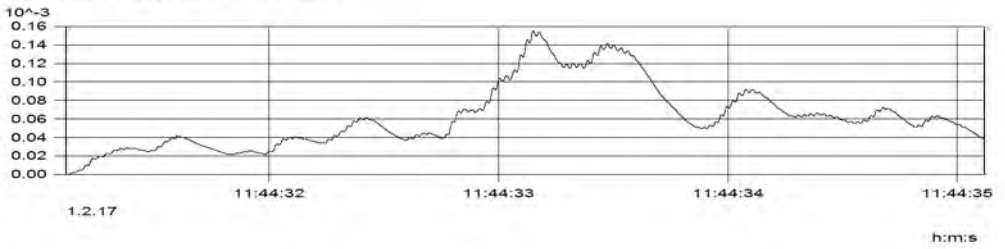
h:m:s

2017-02-01 11:38-25 (8): M8C Ril

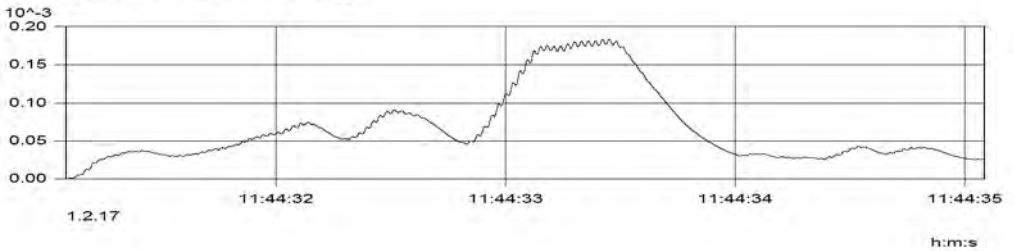
MP2.1 (Kanal\_002) KB(max) = 0.107[-]



MP3.1 (Kanal\_003) KB(max) = 0.155[-]



MP3.2 (Kanal\_004) KB(max) = 0.184[-]

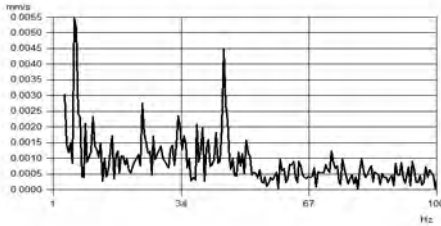


M8C Ril

2017-02-01 11-38-25 (8)

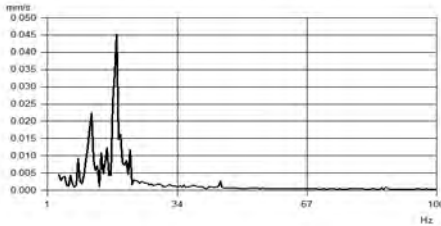
MP1 (Kanal\_001)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



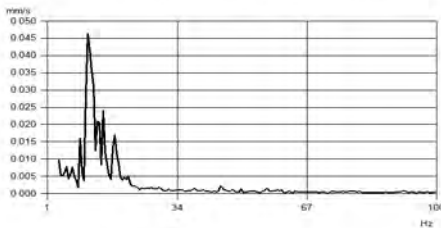
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.045 \text{ mm/s}$



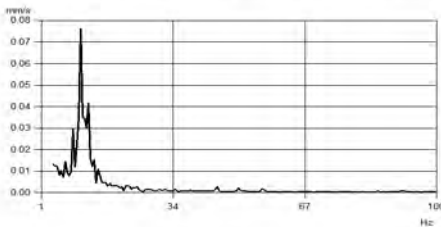
MP3.1 (Kanal\_003)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.046 \text{ mm/s}$

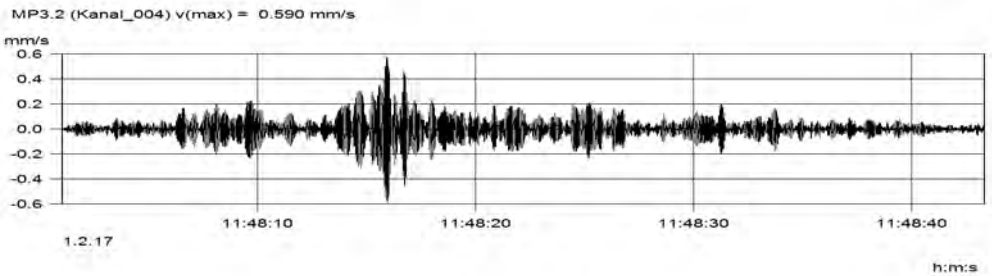
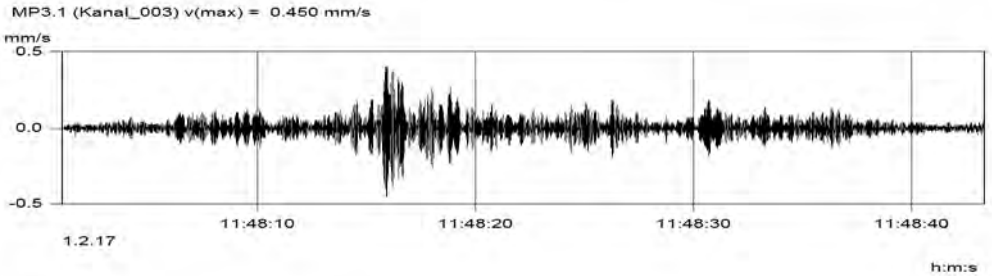
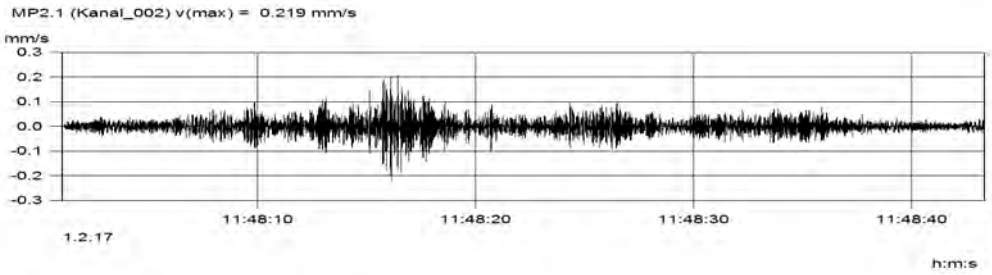
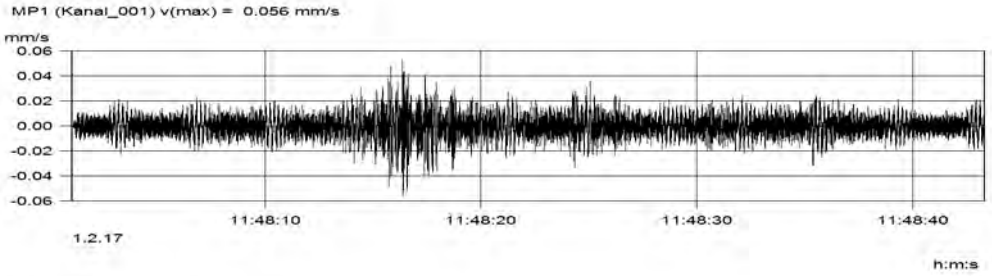


MP3.2 (Kanal\_004)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.076 \text{ mm/s}$

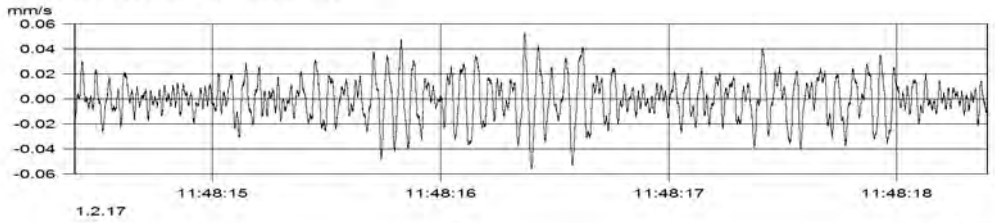


2017-02-01 11:44-52 (9): M8D Rill



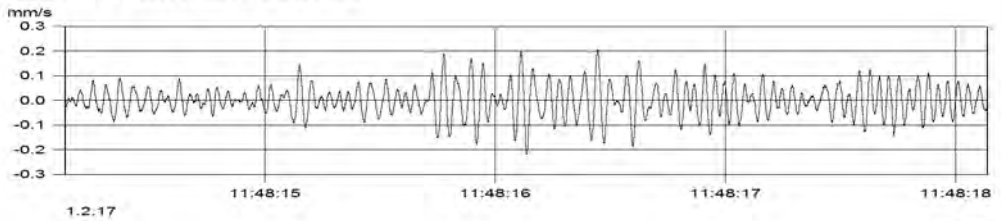
2017-02-01 11:44:52 (9): M8D Rill

MP1 (Kanal\_001) v(max) = 0.056 mm/s



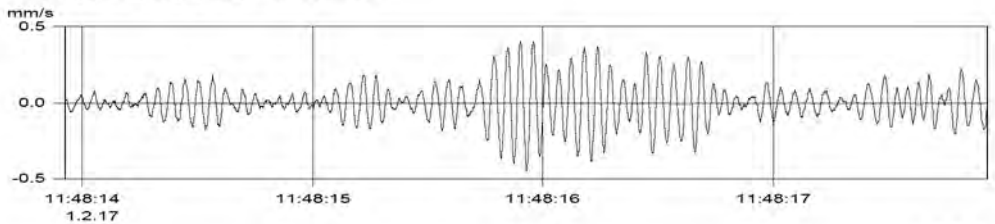
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.219 mm/s



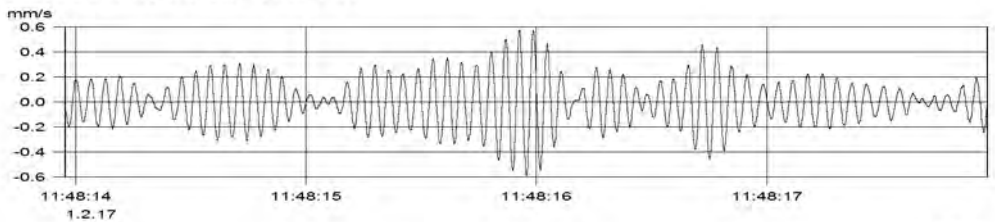
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.450 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.590 mm/s

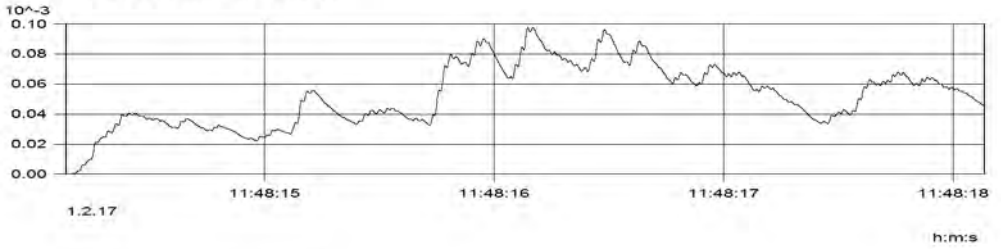


h:m:s

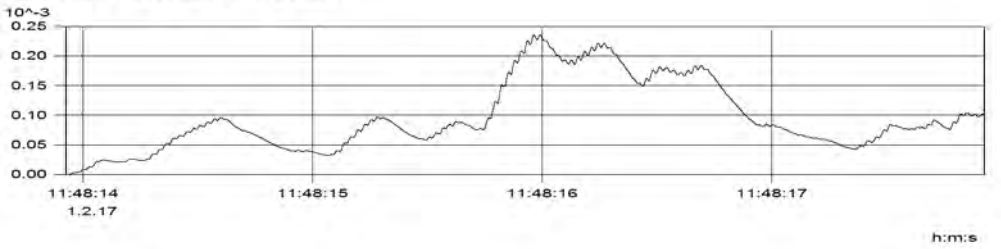


2017-02-01 11:44:52 (9): M8D Rill

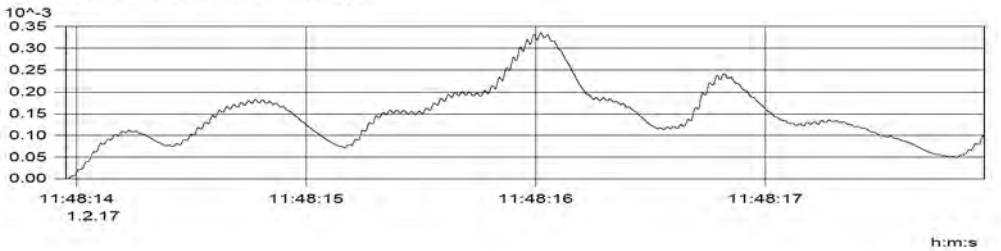
MP2.1 (Kanal\_002) KB(max) = 0.098[-]



MP3.1 (Kanal\_003) KB(max) = 0.236[-]



MP3.2 (Kanal\_004) KB(max) = 0.337[-]

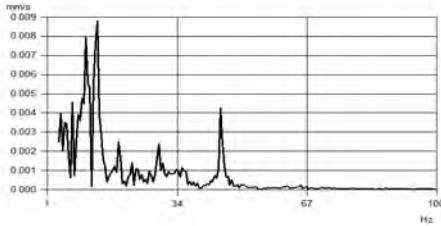


M8D Rill

2017-02-01 11-44-52 (9)

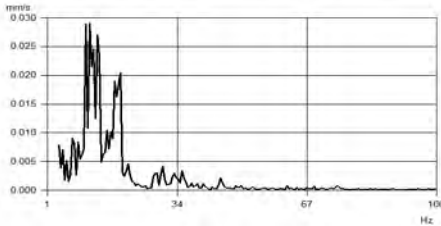
MP1 (Kanal\_001)

$f_e = 13.7 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



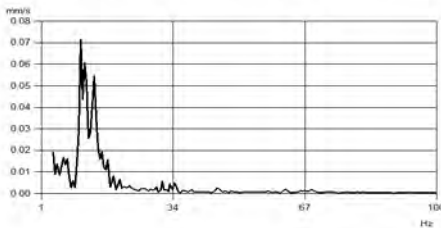
MP2.1 (Kanal\_002)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.029 \text{ mm/s}$



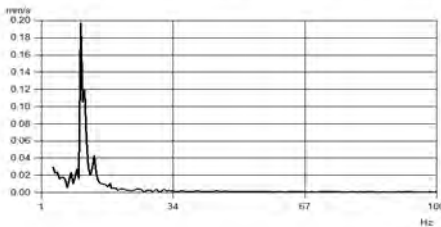
MP3.1 (Kanal\_003)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.071 \text{ mm/s}$



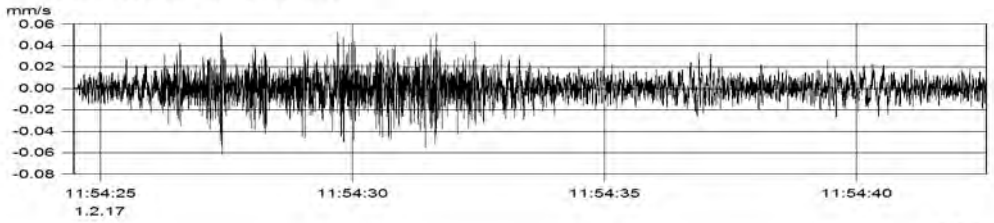
MP3.2 (Kanal\_004)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.197 \text{ mm/s}$

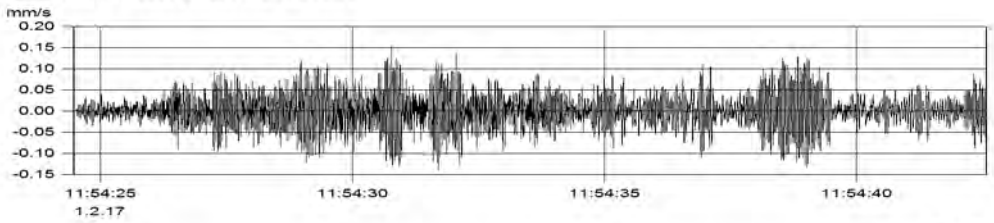


2017-02-01 11:50-57 (10): M8D Rill

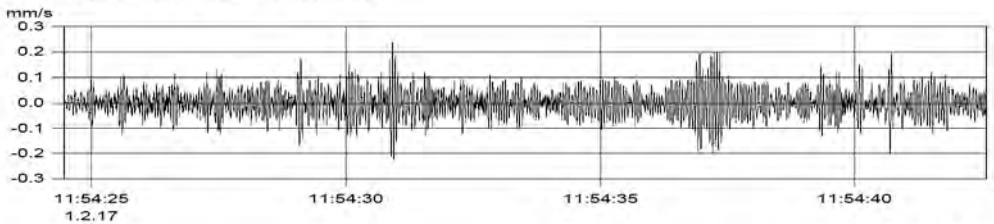
MP1 (Kanal\_001) v(max) = 0.062 mm/s



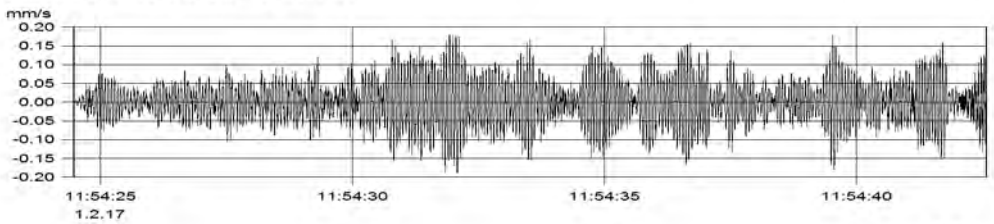
MP2.1 (Kanal\_002) v(max) = 0.153 mm/s



MP3.1 (Kanal\_003) v(max) = 0.238 mm/s

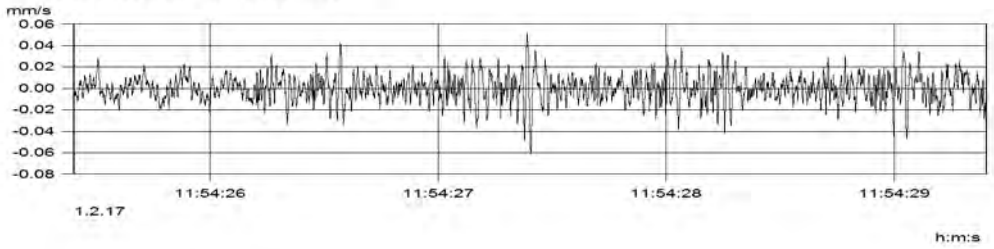


MP3.2 (Kanal\_004) v(max) = 0.188 mm/s

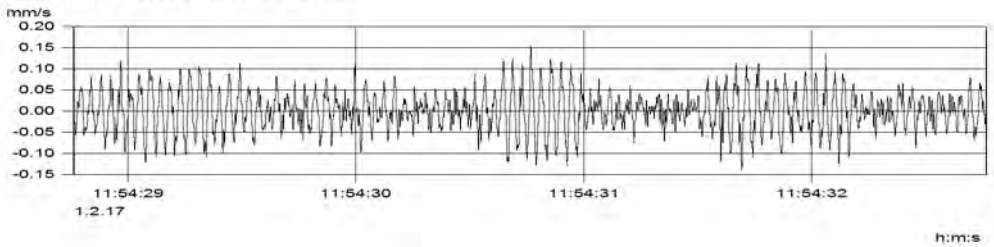


2017-02-01 11:50-57 (10): M8D Rill

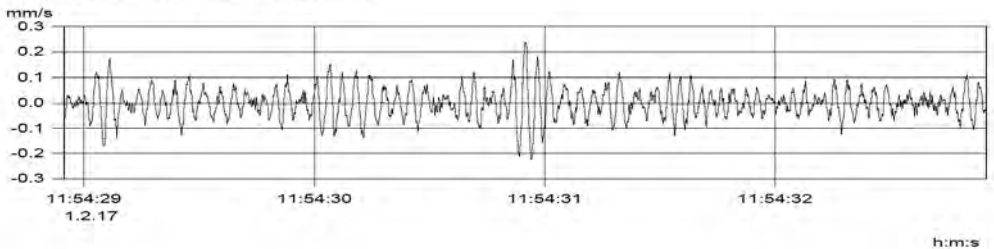
MP1 (Kanal\_001) v(max) = 0.062 mm/s



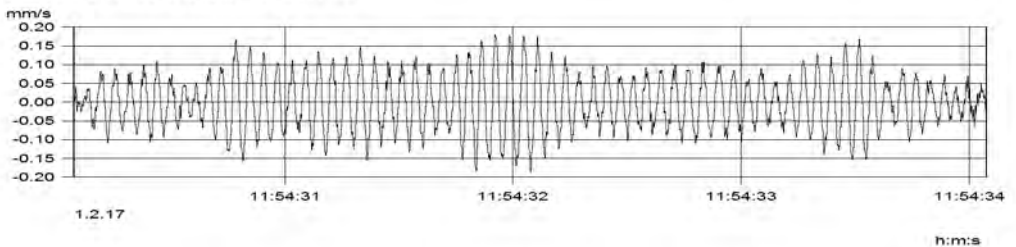
MP2.1 (Kanal\_002) v(max) = 0.153 mm/s



MP3.1 (Kanal\_003) v(max) = 0.238 mm/s

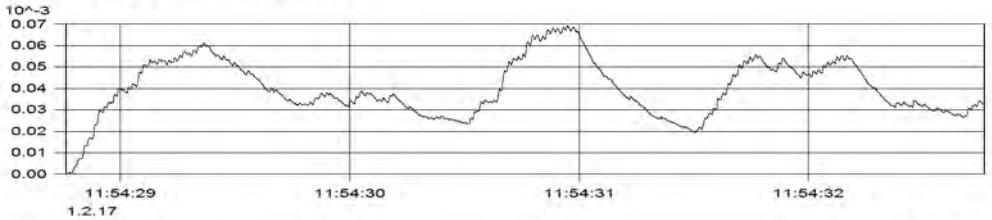


MP3.2 (Kanal\_004) v(max) = 0.188 mm/s



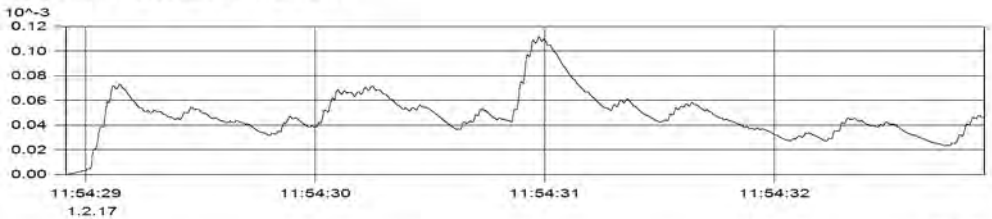
2017-02-01 11:50:57 (10): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.069[-]



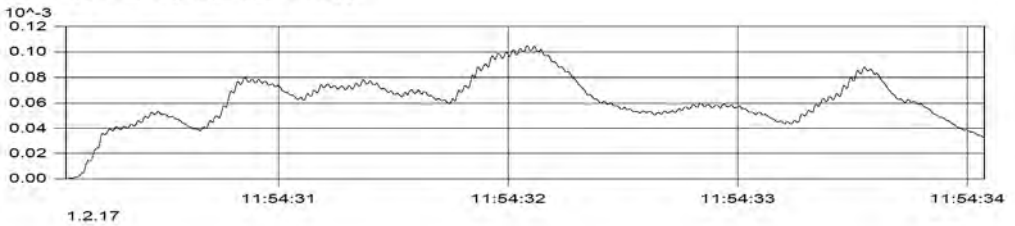
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.112[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.105[-]



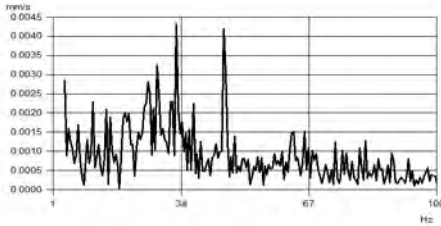
h:m:s

M8D Rill

2017-02-01 11-50-57 (10)

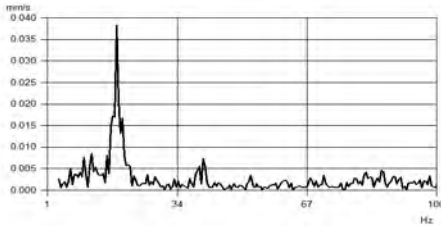
MP1 (Kanal\_001)

$f_e = 32.7 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



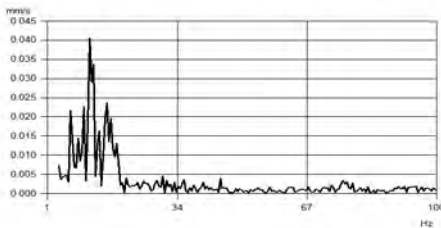
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.038 \text{ mm/s}$



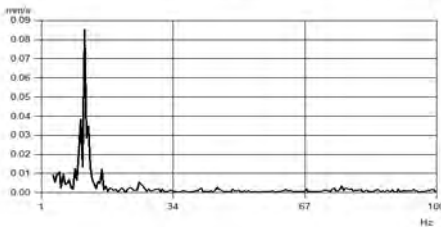
MP3.1 (Kanal\_003)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.041 \text{ mm/s}$

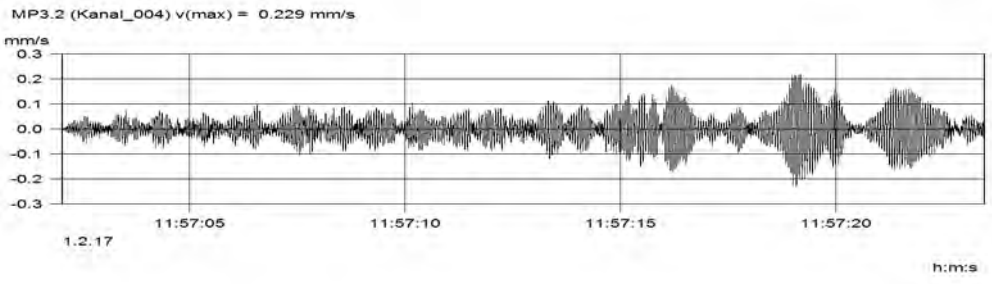
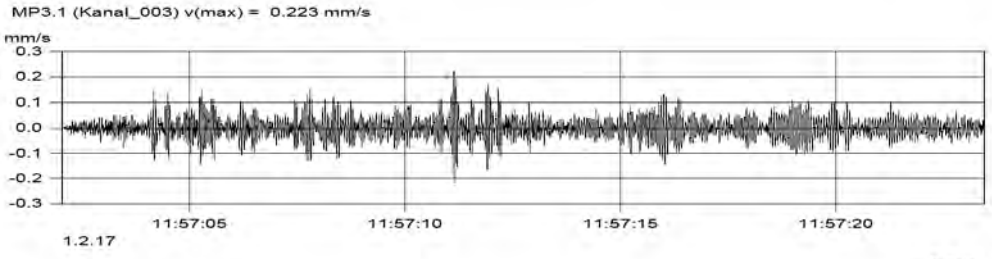
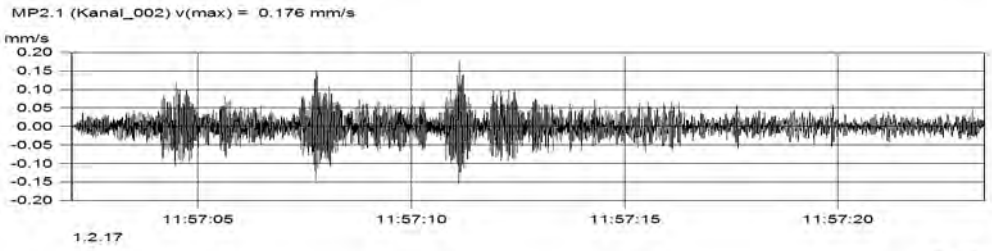
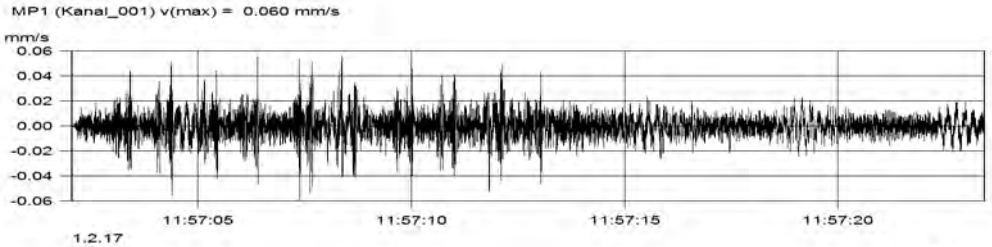


MP3.2 (Kanal\_004)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.085 \text{ mm/s}$



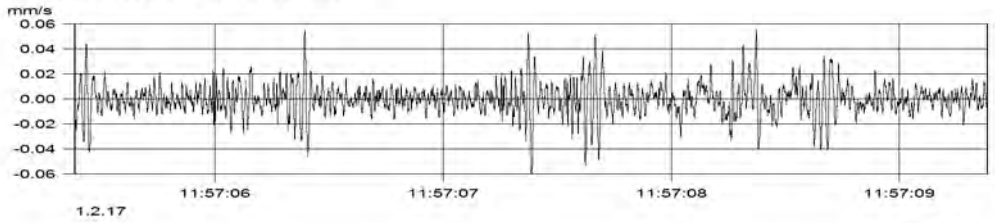
2017-02-01 11:54:44 (11): M8D 3fach Rill





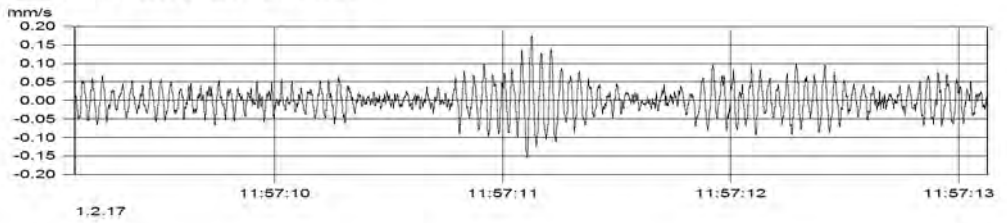
2017-02-01 11:54:44 (11): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.060 mm/s



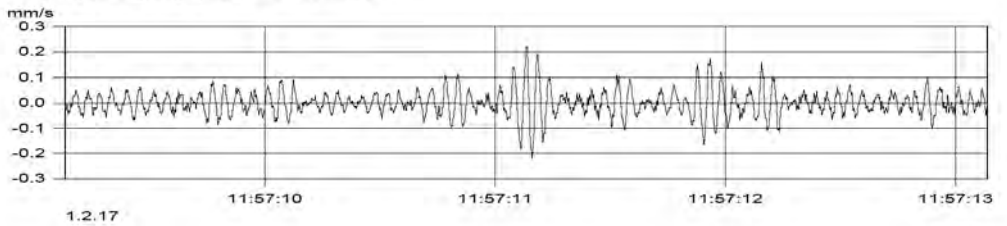
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.176 mm/s



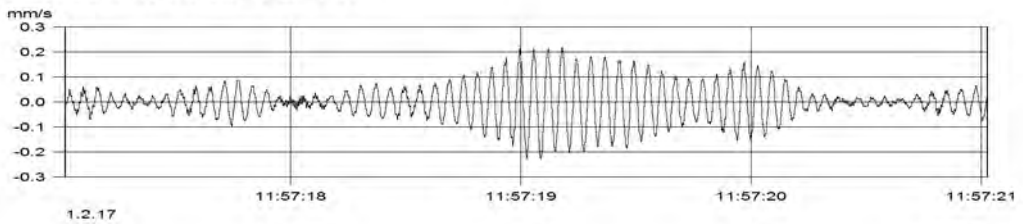
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.223 mm/s



h:m:s

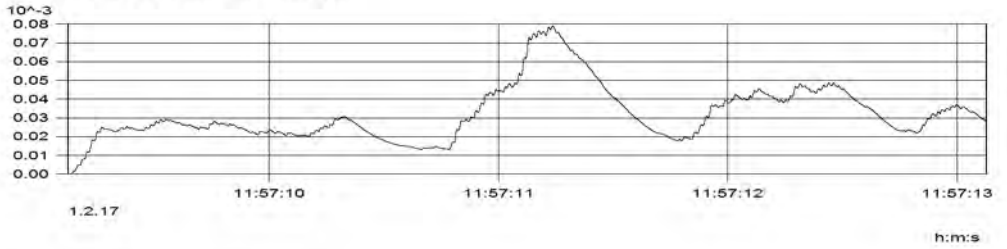
MP3.2 (Kanal\_004) v(max) = 0.229 mm/s



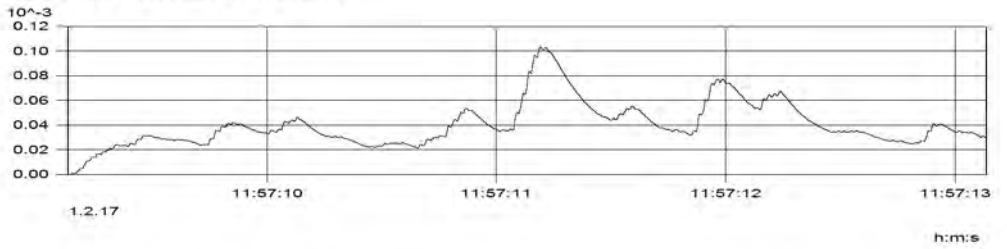
h:m:s

2017-02-01 11:54:44 (11): M8D 3fach Rill

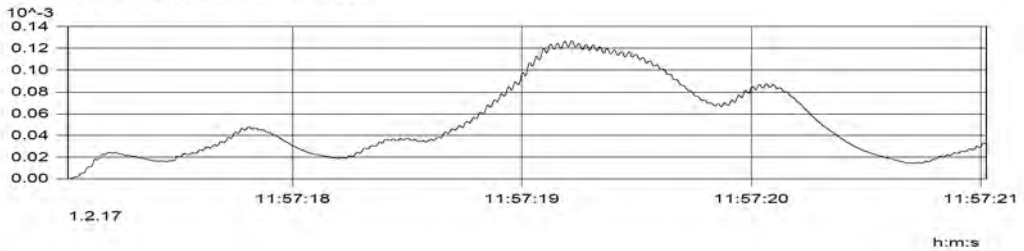
MP2.1 (Kanal\_002) KB(max) = 0.079[-]



MP3.1 (Kanal\_003) KB(max) = 0.103[-]



MP3.2 (Kanal\_004) KB(max) = 0.127[-]

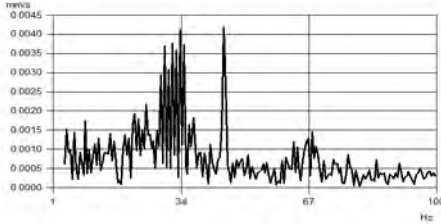


M8D 3fach Rill

2017-02-01 11-54-44 (11)

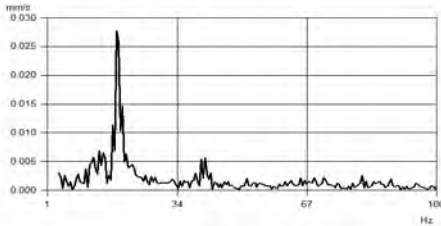
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



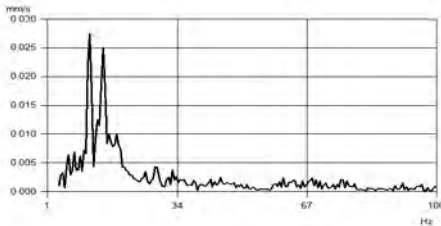
MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.028 \text{ mm/s}$



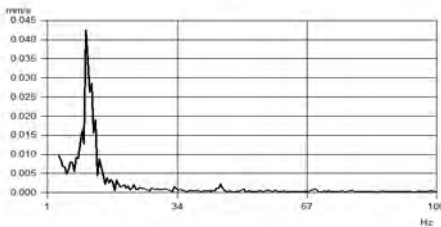
MP3.1 (Kanal\_003)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.028 \text{ mm/s}$

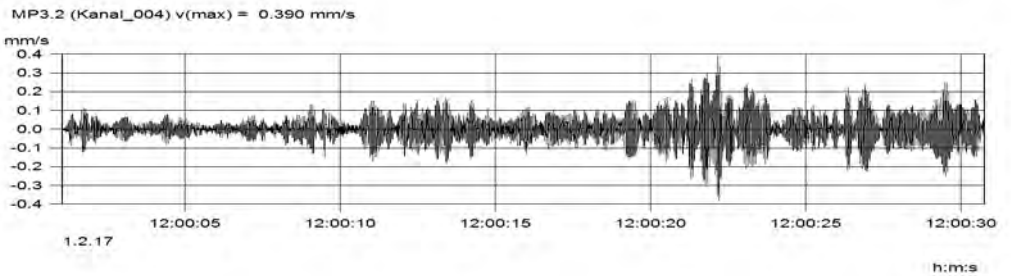
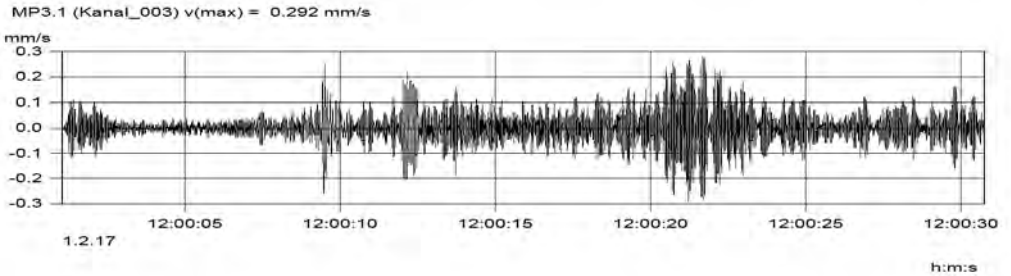
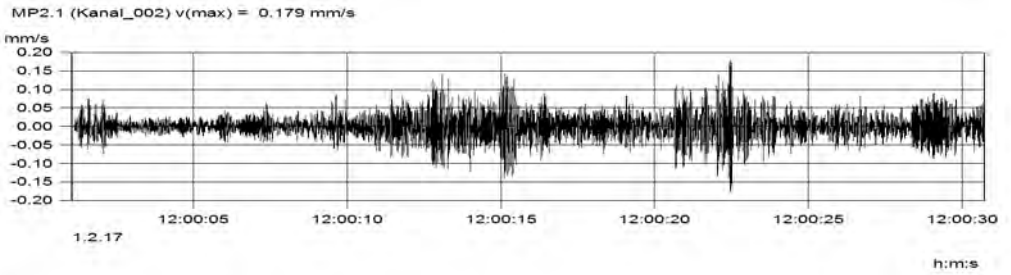
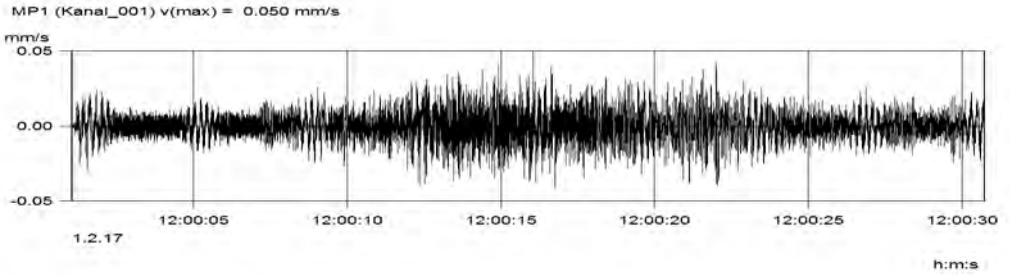


MP3.2 (Kanal\_004)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.043 \text{ mm/s}$

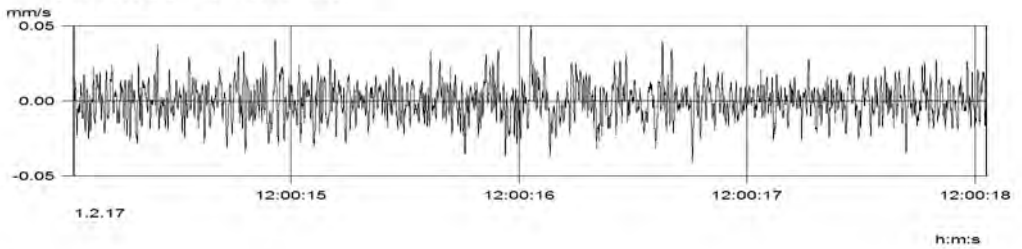


2017-02-01 11-57-26 (12): M8D 3fach Ril

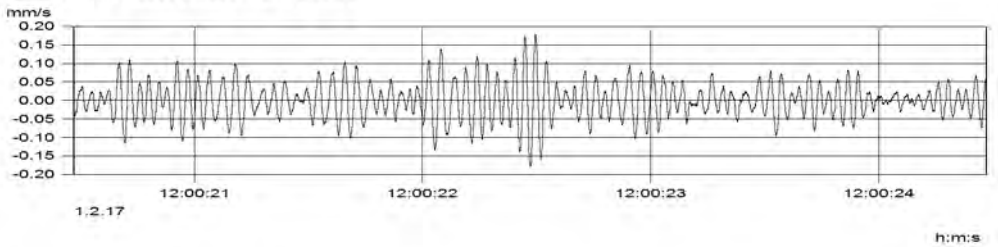


2017-02-01 11:57-26 (12): M8D 3fach Ril

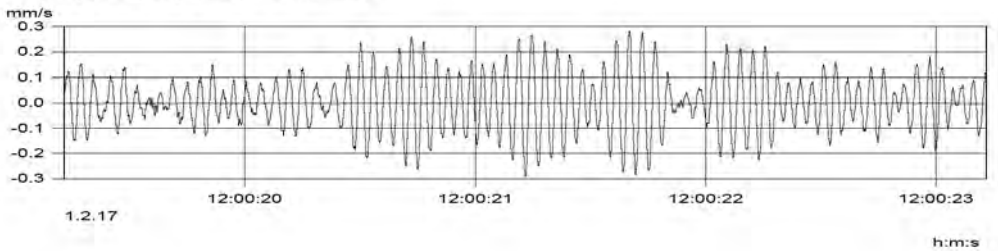
MP1 (Kanal\_001) v(max) = 0.050 mm/s



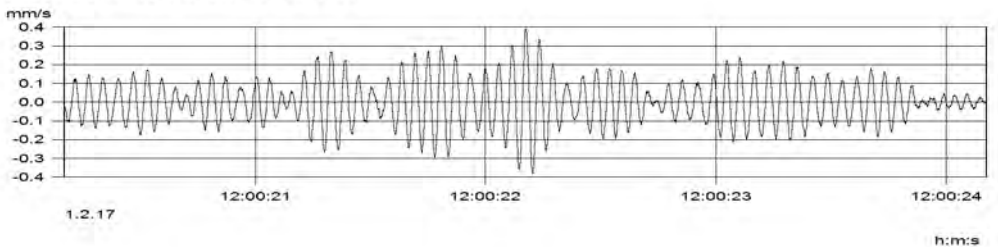
MP2.1 (Kanal\_002) v(max) = 0.179 mm/s



MP3.1 (Kanal\_003) v(max) = 0.292 mm/s



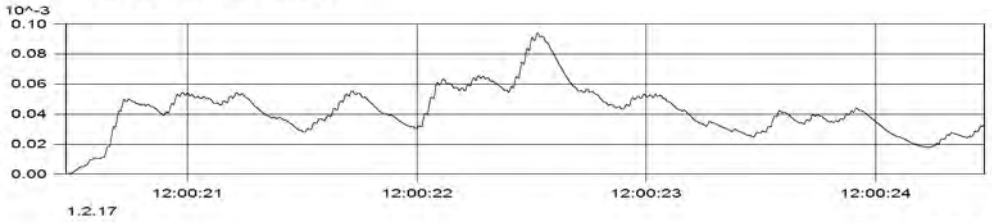
MP3.2 (Kanal\_004) v(max) = 0.390 mm/s





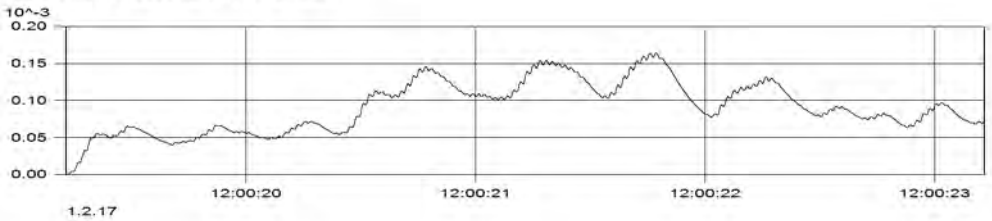
2017-02-01 11:57-26 (12): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.094[-]



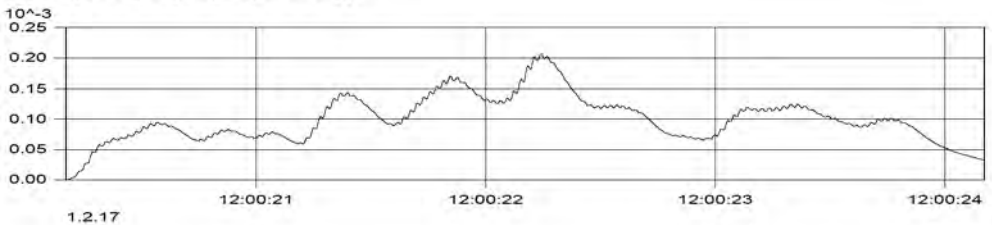
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.164[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.207[-]



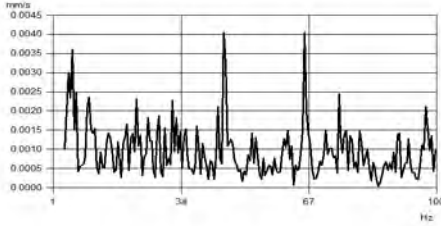
h:m:s

M8D 3fach Ril

2017-02-01 11-57-26 (12)

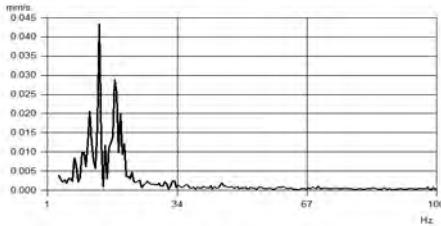
MP1 (Kanal\_001)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



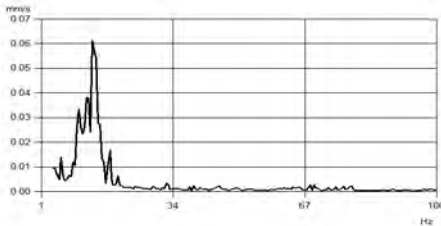
MP2.1 (Kanal\_002)

$f_e = 14.2 \text{ Hz} / v(\text{max}) = 0.043 \text{ mm/s}$



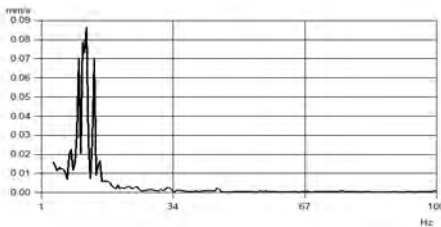
MP3.1 (Kanal\_003)

$f_e = 13.7 \text{ Hz} / v(\text{max}) = 0.061 \text{ mm/s}$



MP3.2 (Kanal\_004)

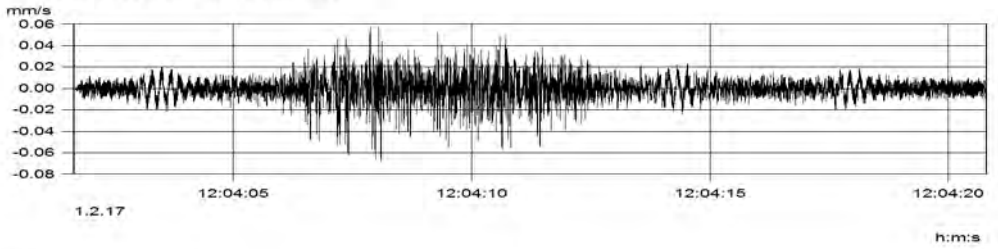
$f_e = 12.2 \text{ Hz} / v(\text{max}) = 0.086 \text{ mm/s}$



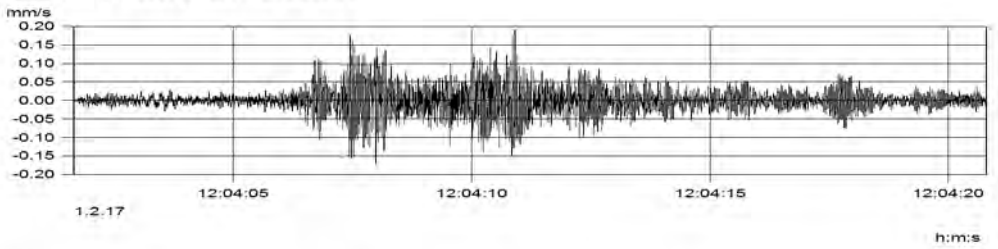


2017-02-01 12-00-32 (13): M8D Rill

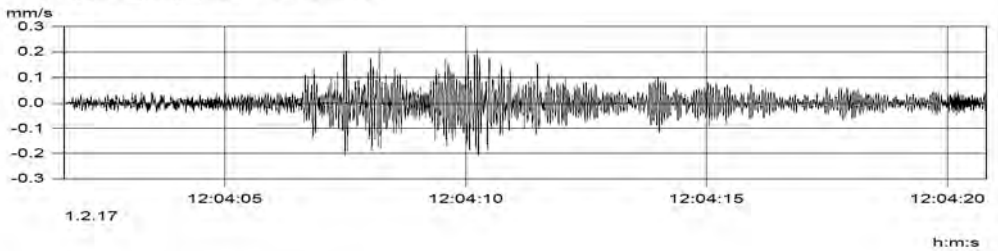
MP1 (Kanal\_001) v(max) = 0.068 mm/s



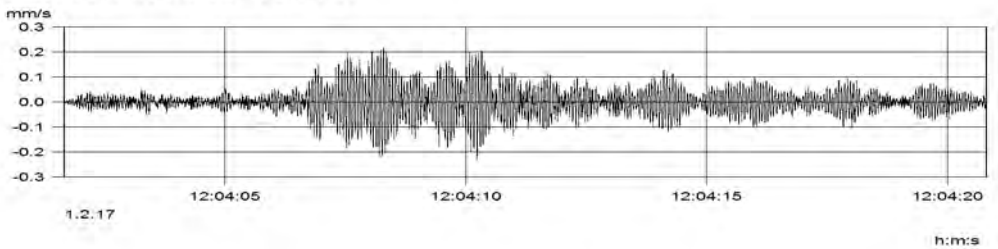
MP2.1 (Kanal\_002) v(max) = 0.193 mm/s



MP3.1 (Kanal\_003) v(max) = 0.212 mm/s

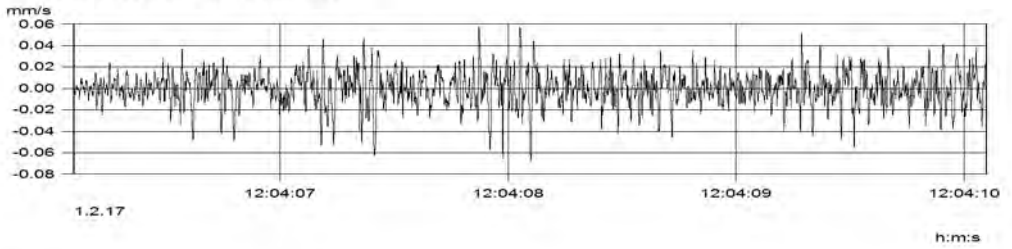


MP3.2 (Kanal\_004) v(max) = 0.233 mm/s

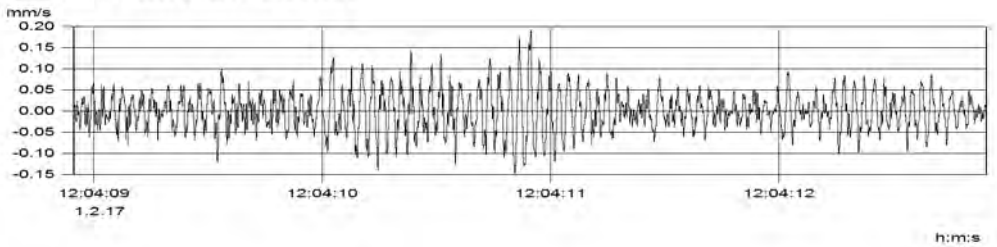


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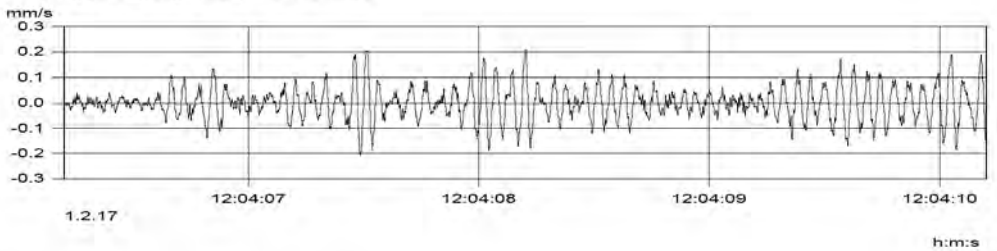
MP1 (Kanal\_001) v(max) = 0.068 mm/s



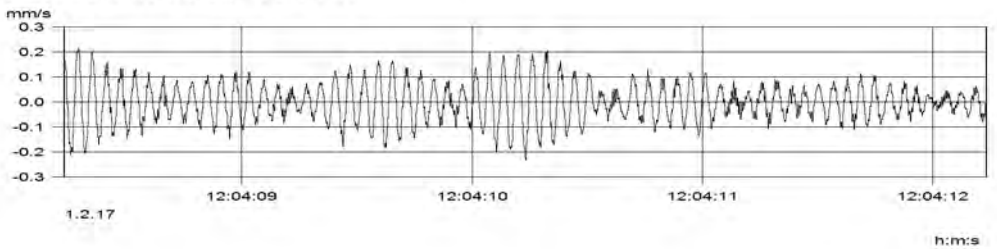
MP2.1 (Kanal\_002) v(max) = 0.193 mm/s



MP3.1 (Kanal\_003) v(max) = 0.212 mm/s

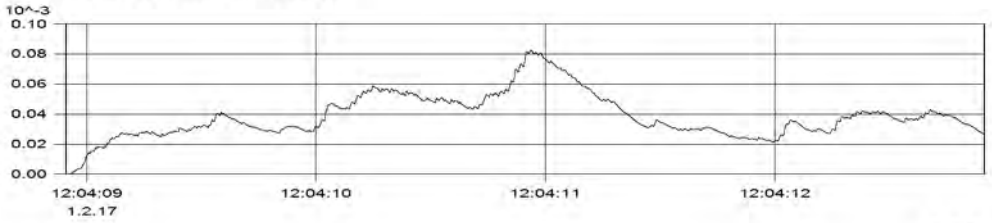


MP3.2 (Kanal\_004) v(max) = 0.233 mm/s



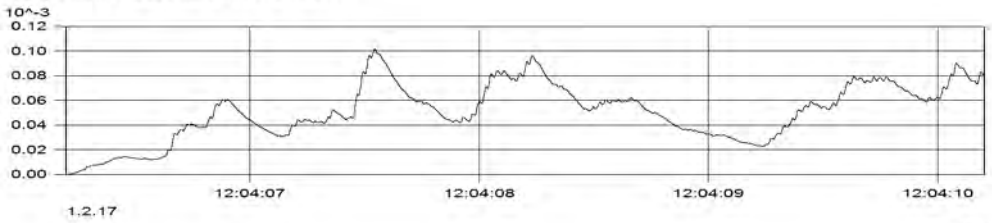
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MP2.1 (Kanal\_002) KB(max) = 0.083[-]



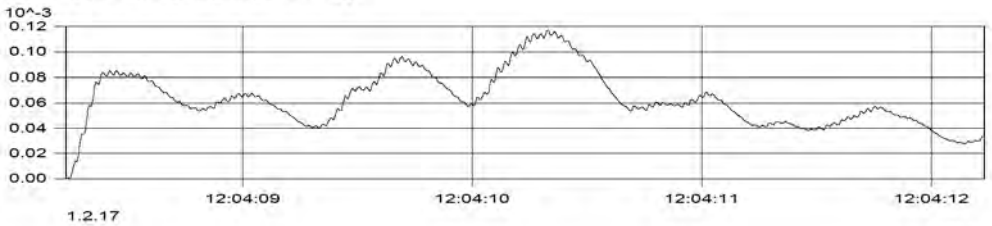
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.102[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.117[-]



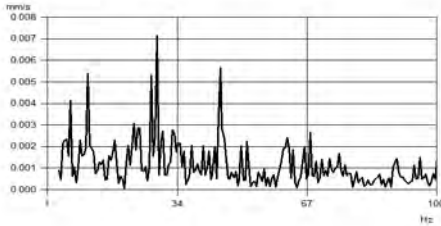
h:m:s

M8D Rill

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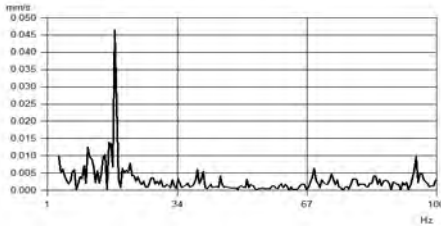
MP1 (Kanal\_001)

$f_e = 28.8 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



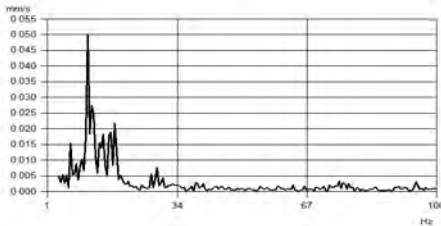
MP2.1 (Kanal\_002)

$f_e = 18.1 \text{ Hz} / v(\text{max}) = 0.047 \text{ mm/s}$



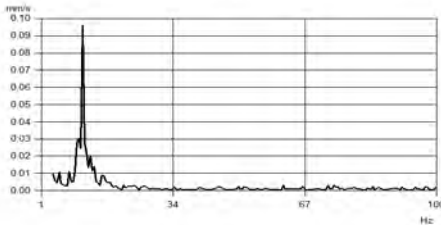
MP3.1 (Kanal\_003)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.050 \text{ mm/s}$



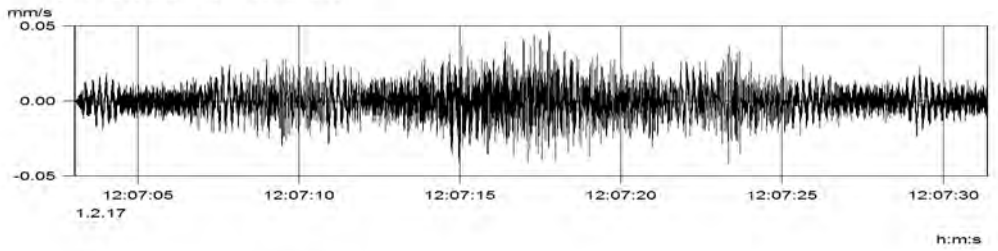
MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.096 \text{ mm/s}$

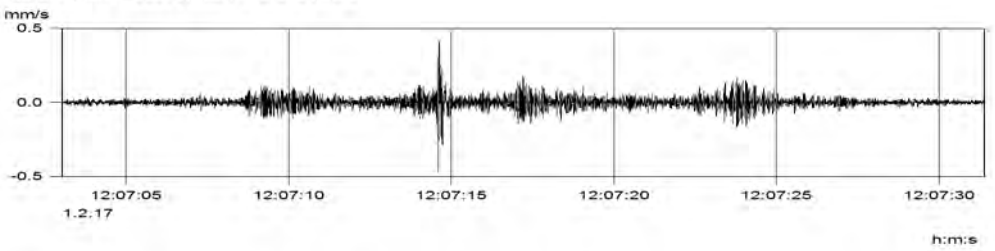


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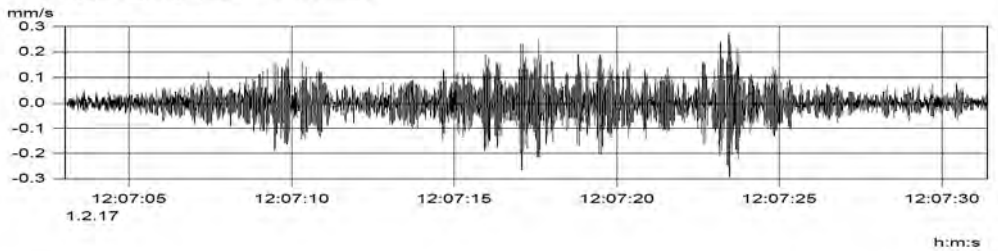
MP1 (Kanal\_001) v(max) = 0.046 mm/s



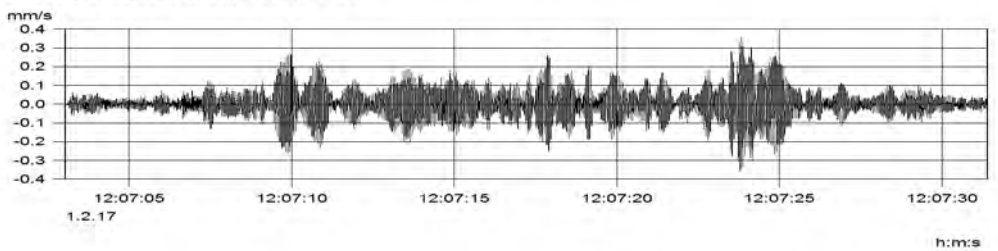
MP2.1 (Kanal\_002) v(max) = 0.470 mm/s



MP3.1 (Kanal\_003) v(max) = 0.293 mm/s

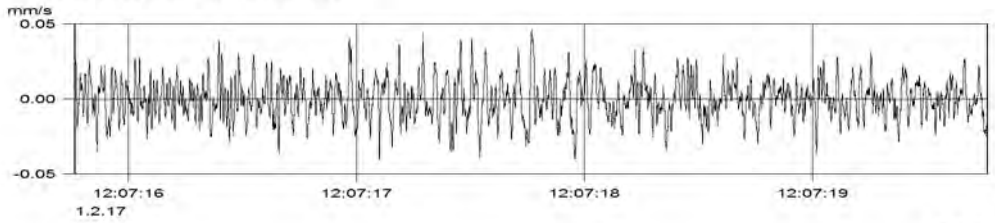


MP3.2 (Kanal\_004) v(max) = 0.360 mm/s



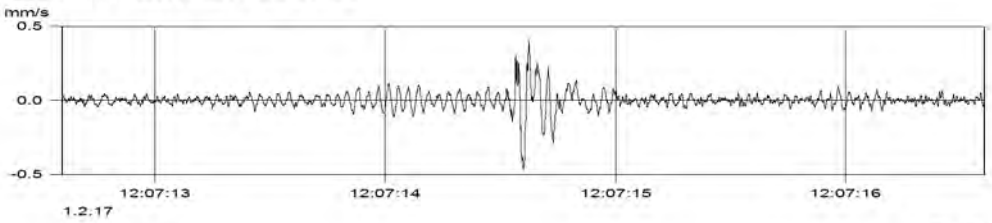
2017-02-01 12-04-23 (14): M8D Ril

MP1 (Kanal\_001) v(max) = 0.046 mm/s



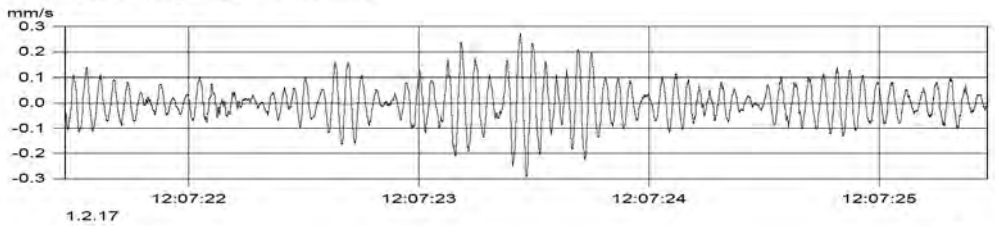
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.470 mm/s



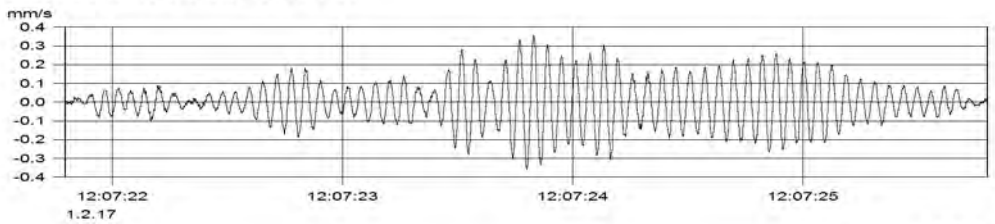
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.293 mm/s



h:m:s

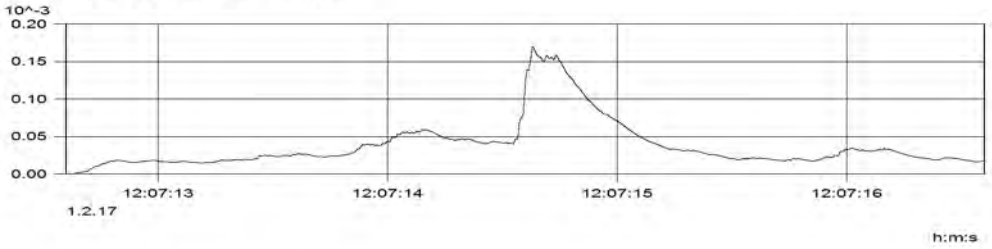
MP3.2 (Kanal\_004) v(max) = 0.360 mm/s



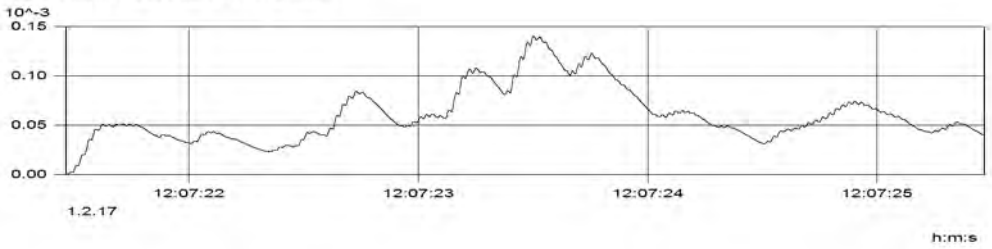
h:m:s

2017-02-01 12-04-23 (14): M8D Ril

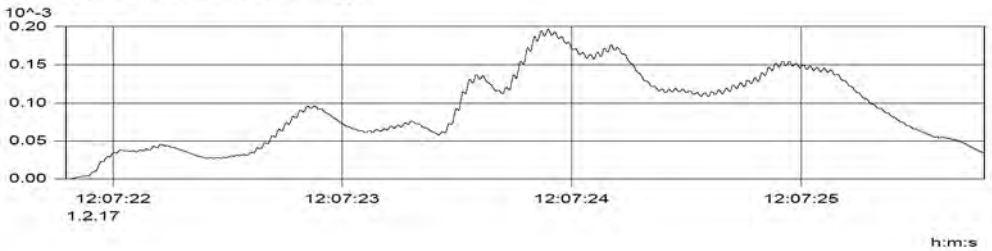
MP2.1 (Kanal\_002) KB(max) = 0.170[-]



MP3.1 (Kanal\_003) KB(max) = 0.140[-]



MP3.2 (Kanal\_004) KB(max) = 0.197[-]



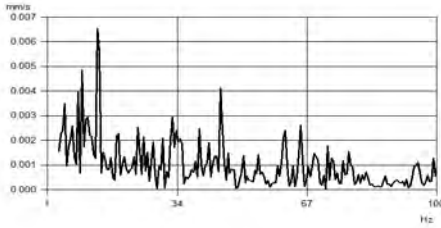


M8D Ril

2017-02-01 12-04-23 (14)

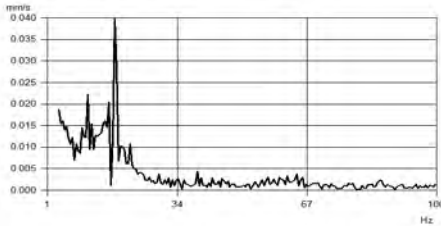
MP1 (Kanal\_001)

$f_e = 13.7 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



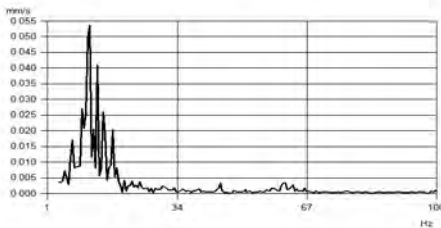
MP2.1 (Kanal\_002)

$f_e = 18.1 \text{ Hz} / v(\text{max}) = 0.040 \text{ mm/s}$



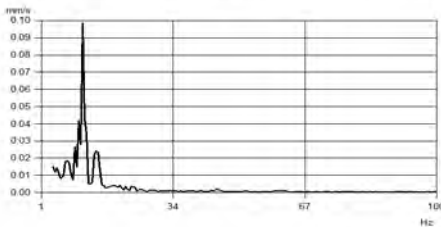
MP3.1 (Kanal\_003)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.054 \text{ mm/s}$



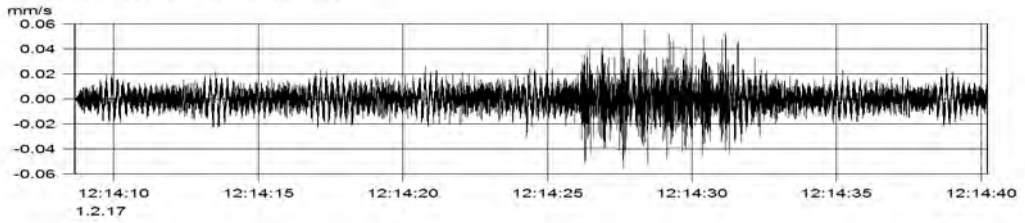
MP3.2 (Kanal\_004)

$f_e = 11.2 \text{ Hz} / v(\text{max}) = 0.098 \text{ mm/s}$



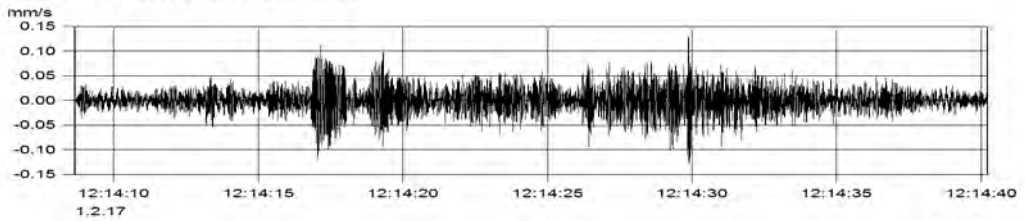
2017-02-01 12-07-46 (15): M8C Rill

MP1 (Kanal\_001) v(max) = 0.060 mm/s



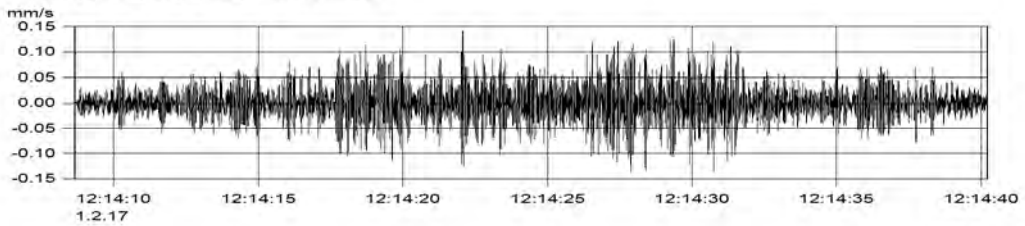
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.130 mm/s



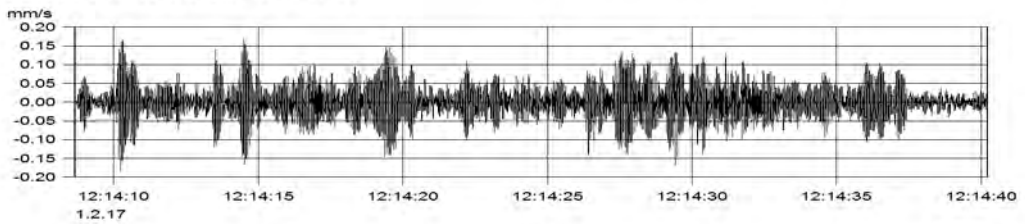
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.143 mm/s



h:m:s

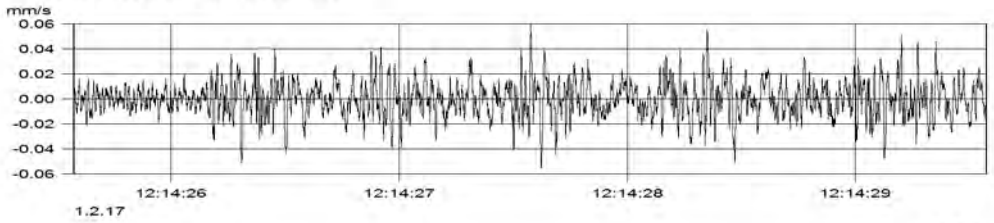
MP3.2 (Kanal\_004) v(max) = 0.184 mm/s



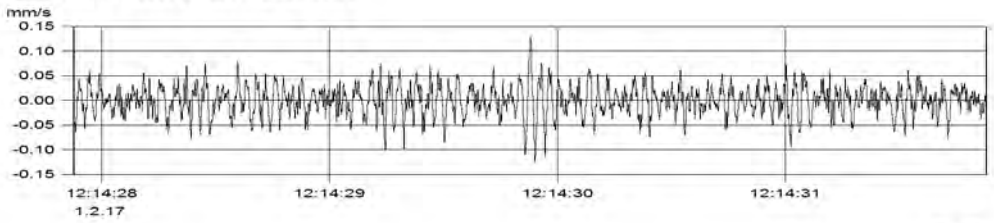
h:m:s

2017-02-01 12:07:46 (15): M8C Rill

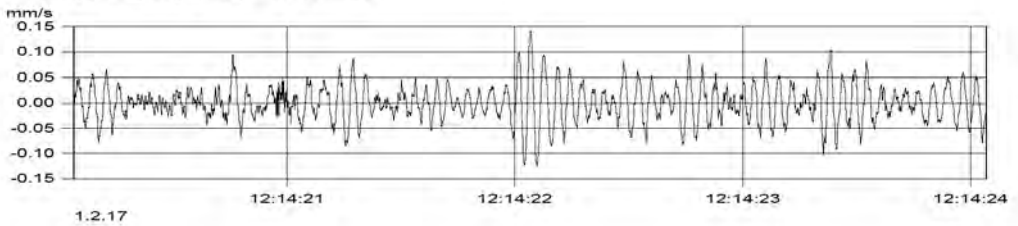
MP1 (Kanal\_001) v(max) = 0.060 mm/s



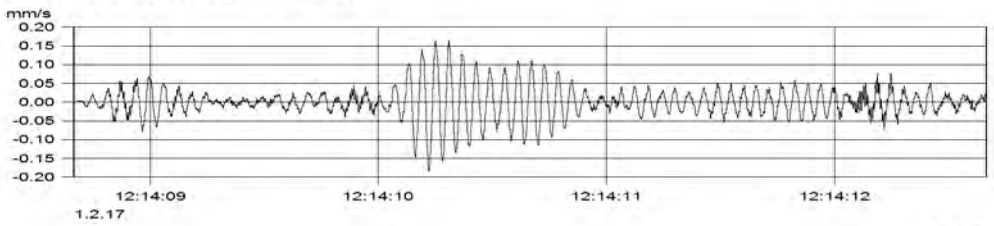
MP2.1 (Kanal\_002) v(max) = 0.130 mm/s



MP3.1 (Kanal\_003) v(max) = 0.143 mm/s

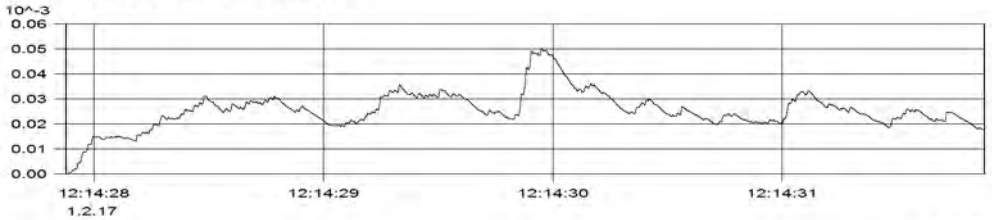


MP3.2 (Kanal\_004) v(max) = 0.184 mm/s

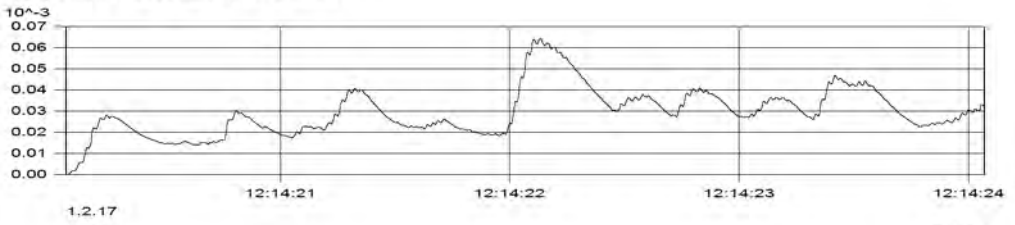


2017-02-01 12:07:46 (15): M8C Rill

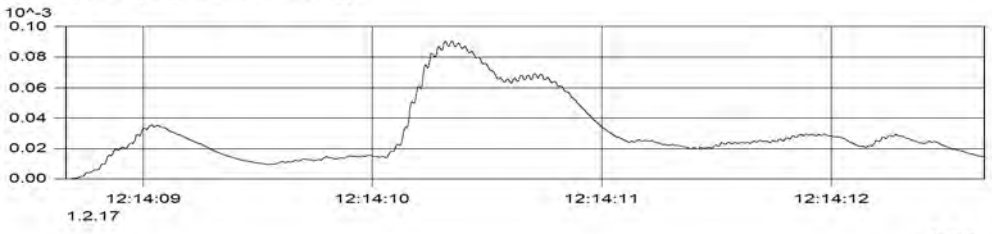
MP2.1 (Kanal\_002) KB(max) = 0.050[-]



MP3.1 (Kanal\_003) KB(max) = 0.064[-]



MP3.2 (Kanal\_004) KB(max) = 0.091[-]

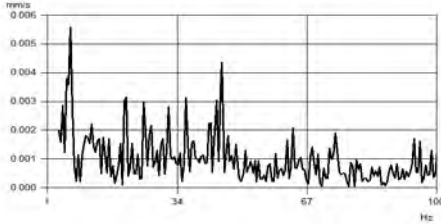


M8C Rill

2017-02-01 12-07-46 (15)

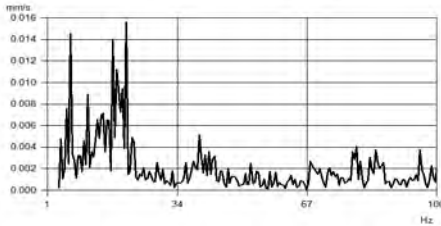
MP1 (Kanal\_001)

$f_e = 6.8 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



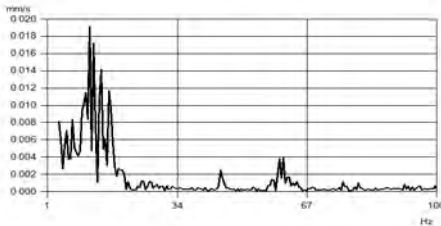
MP2.1 (Kanal\_002)

$f_e = 21.0 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



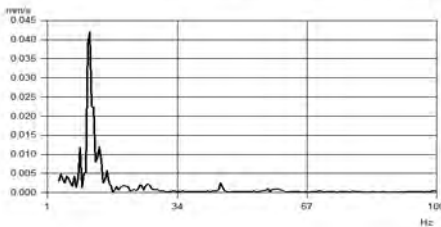
MP3.1 (Kanal\_003)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.019 \text{ mm/s}$



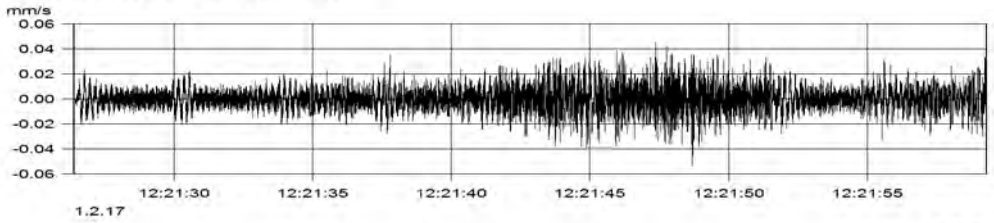
MP3.2 (Kanal\_004)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.042 \text{ mm/s}$

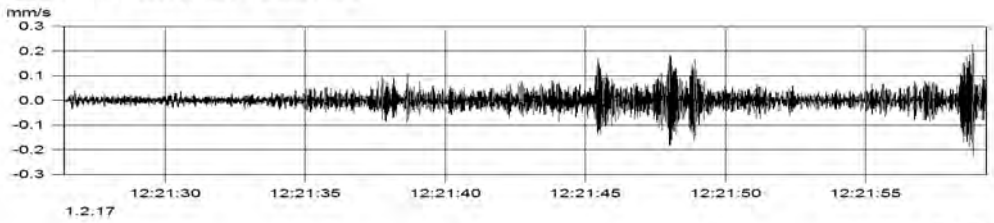


2017-02-01 12-14-42 (16): M8D Ril

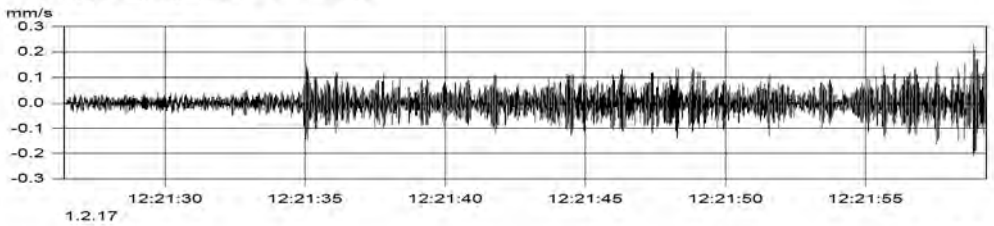
MP1 (Kanal\_001) v(max) = 0.054 mm/s



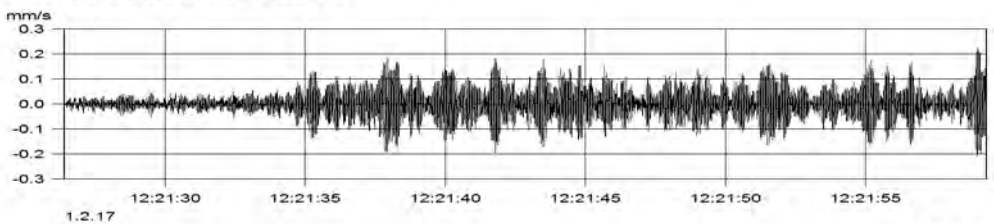
MP2.1 (Kanal\_002) v(max) = 0.228 mm/s



MP3.1 (Kanal\_003) v(max) = 0.227 mm/s



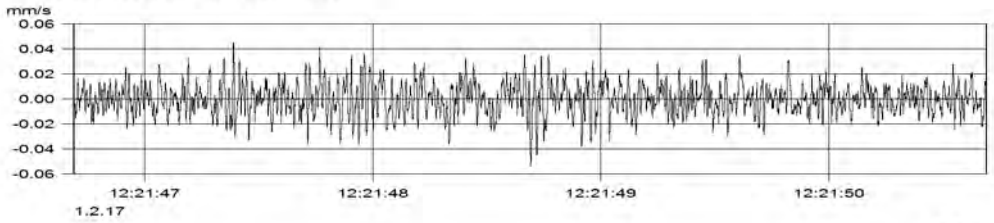
MP3.2 (Kanal\_004) v(max) = 0.225 mm/s



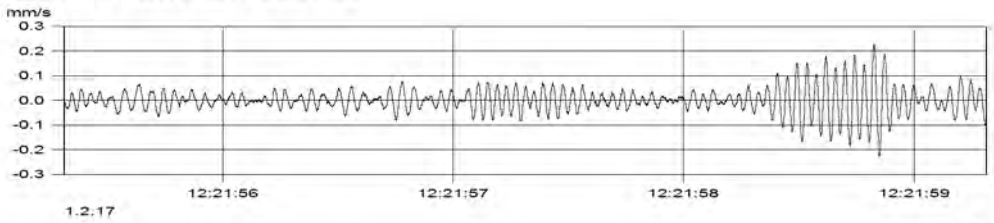


2017-02-01 12-14-42 (16): M8D Ril

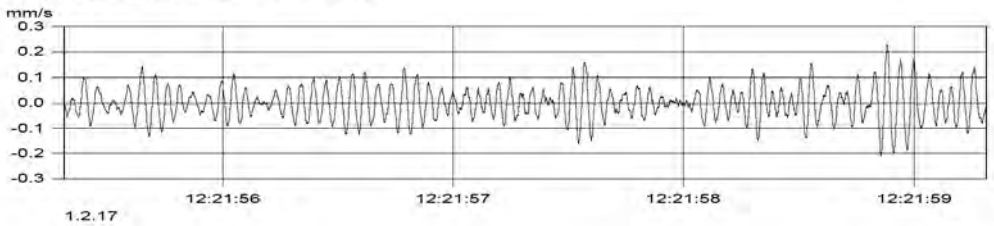
MP1 (Kanal\_001) v(max) = 0.054 mm/s



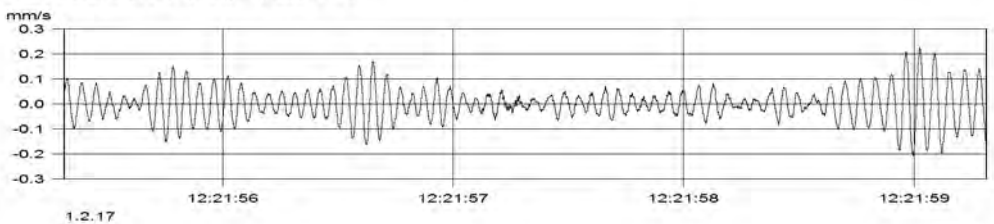
MP2.1 (Kanal\_002) v(max) = 0.228 mm/s



MP3.1 (Kanal\_003) v(max) = 0.227 mm/s



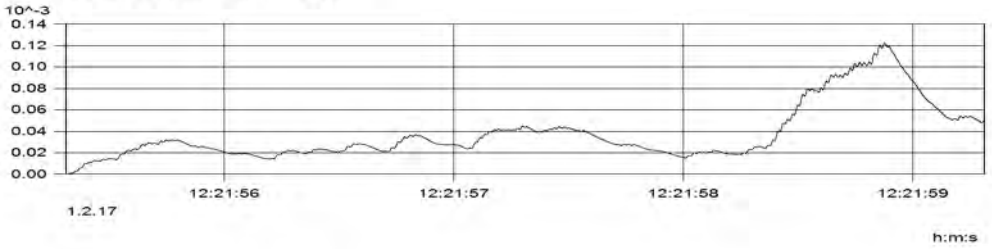
MP3.2 (Kanal\_004) v(max) = 0.225 mm/s



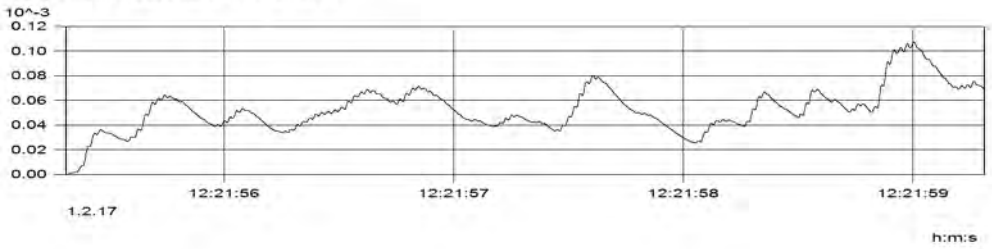


2017-02-01 12-14-42 (16): M8D Ril

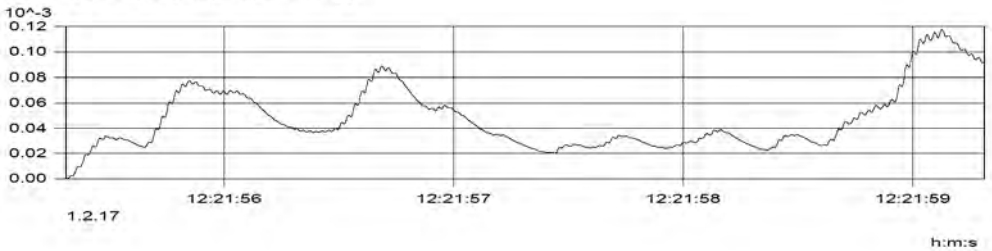
MP2.1 (Kanal\_002) KB(max) = 0.122[-]



MP3.1 (Kanal\_003) KB(max) = 0.107[-]



MP3.2 (Kanal\_004) KB(max) = 0.118[-]

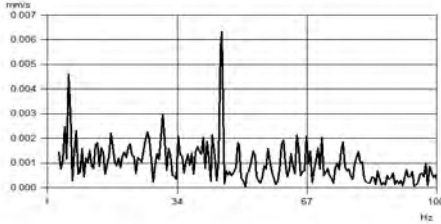


M8D Ril

2017-02-01 12-14-42 (16)

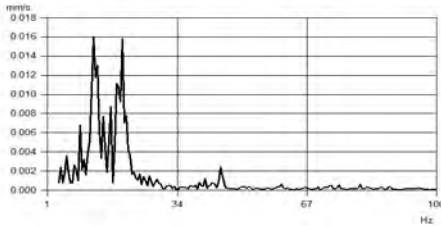
MP1 (Kanal\_001)

$f_e = 45.4 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



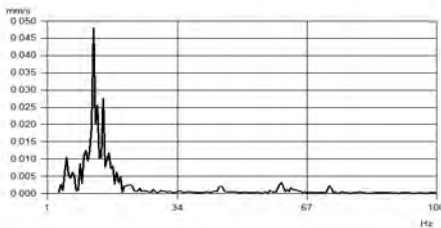
MP2.1 (Kanal\_002)

$f_e = 12.7 \text{ Hz} / v(\text{max}) = 0.016 \text{ mm/s}$



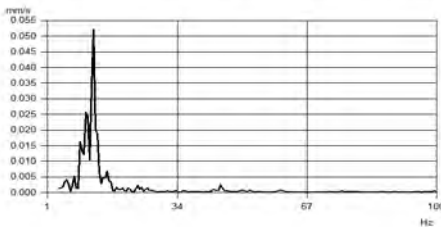
MP3.1 (Kanal\_003)

$f_e = 12.7 \text{ Hz} / v(\text{max}) = 0.048 \text{ mm/s}$



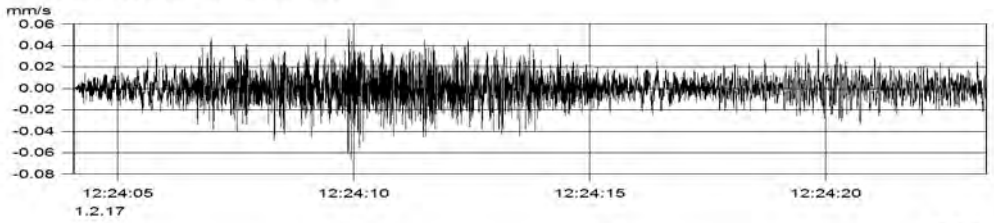
MP3.2 (Kanal\_004)

$f_e = 12.7 \text{ Hz} / v(\text{max}) = 0.052 \text{ mm/s}$

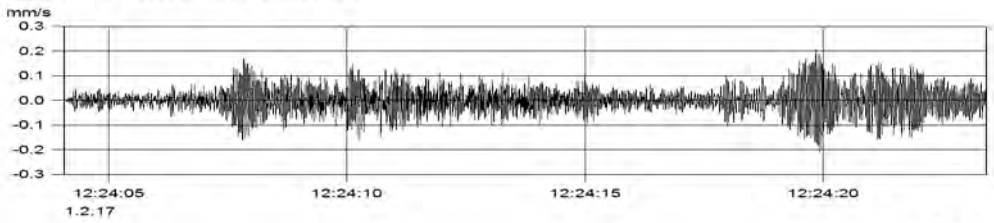


2017-02-01 12:22-00 (17): M8D Rill

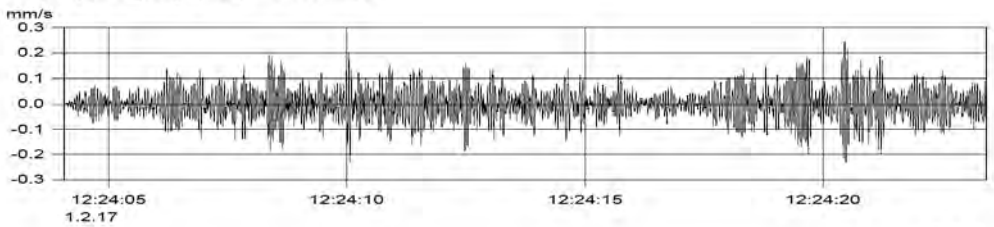
MP1 (Kanal\_001) v(max) = 0.065 mm/s



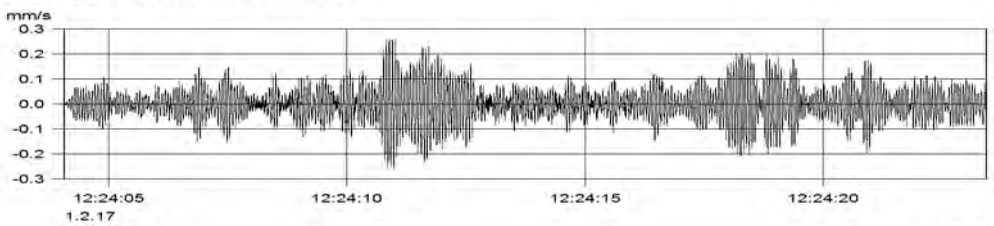
MP2.1 (Kanal\_002) v(max) = 0.208 mm/s



MP3.1 (Kanal\_003) v(max) = 0.246 mm/s

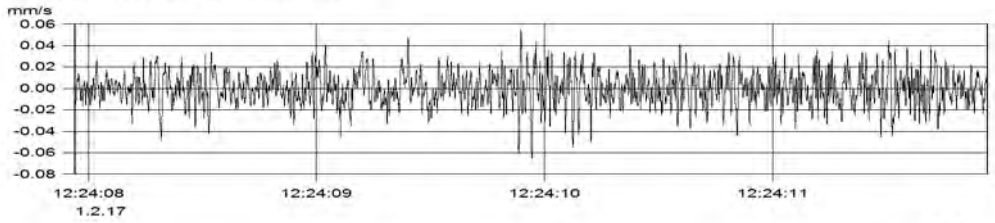


MP3.2 (Kanal\_004) v(max) = 0.263 mm/s

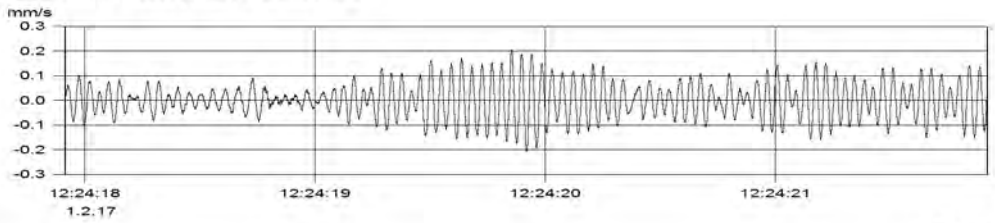


2017-02-01 12:22-00 (17): M8D Rill

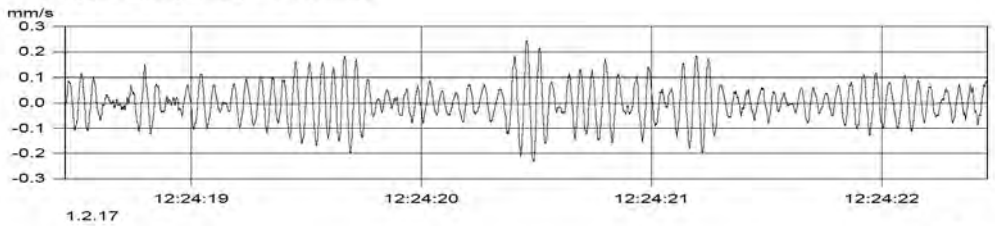
MP1 (Kanal\_001) v(max) = 0.065 mm/s



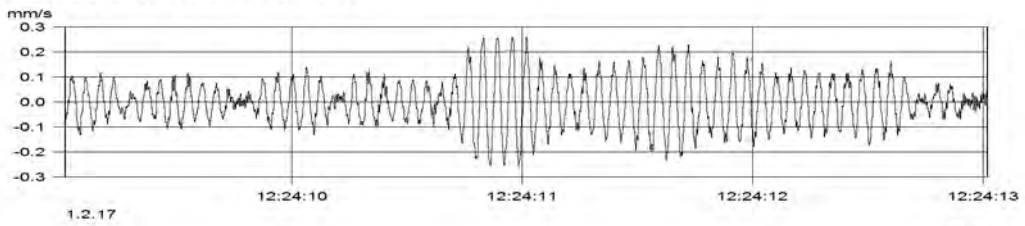
MP2.1 (Kanal\_002) v(max) = 0.208 mm/s



MP3.1 (Kanal\_003) v(max) = 0.246 mm/s

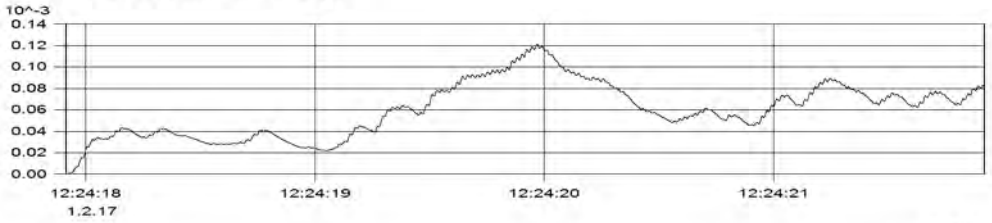


MP3.2 (Kanal\_004) v(max) = 0.263 mm/s



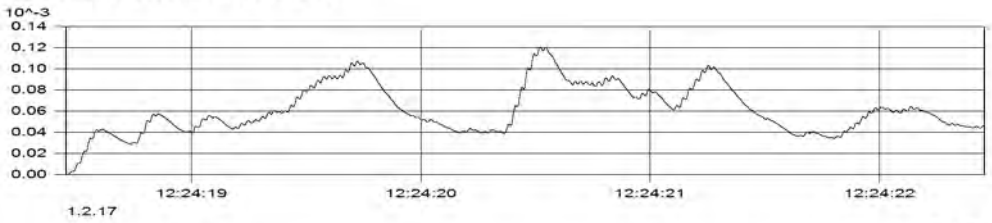
2017-02-01 12:22-00 (17): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.121[-]



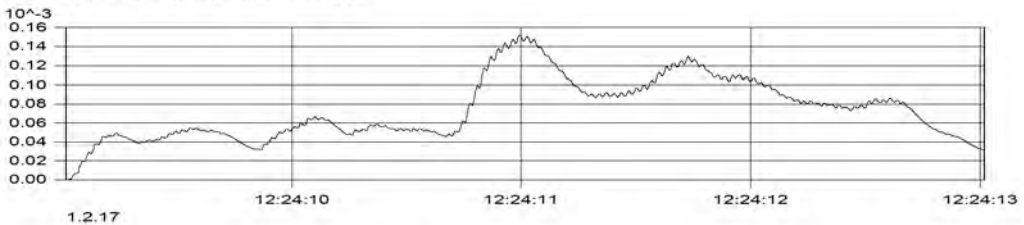
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.121[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.153[-]



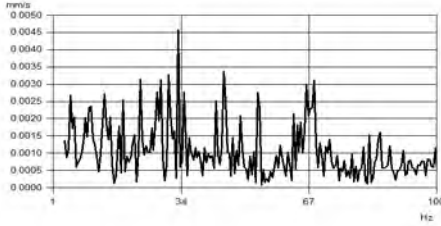
h:m:s

M8D Rill

2017-02-01 12-22-00 (17)

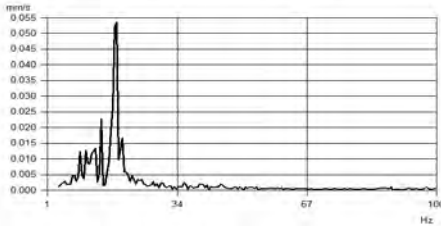
MP1 (Kanal\_001)

$f_e = 33.2 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



MP2.1 (Kanal\_002)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.054 \text{ mm/s}$



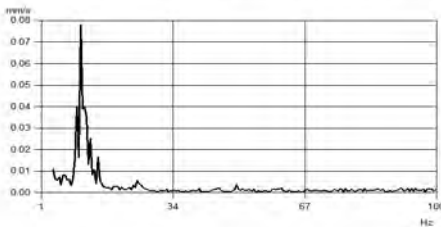
MP3.1 (Kanal\_003)

$f_e = 14.2 \text{ Hz} / v(\text{max}) = 0.051 \text{ mm/s}$



MP3.2 (Kanal\_004)

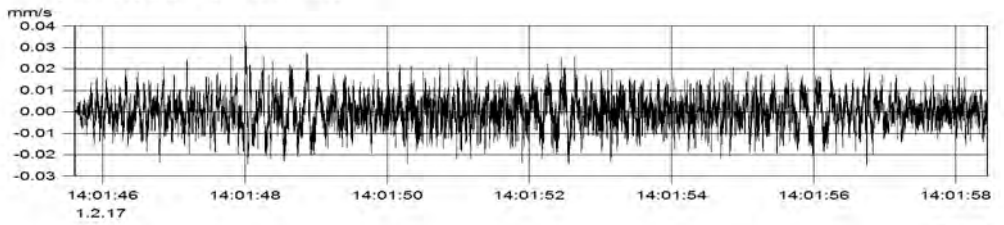
$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.078 \text{ mm/s}$





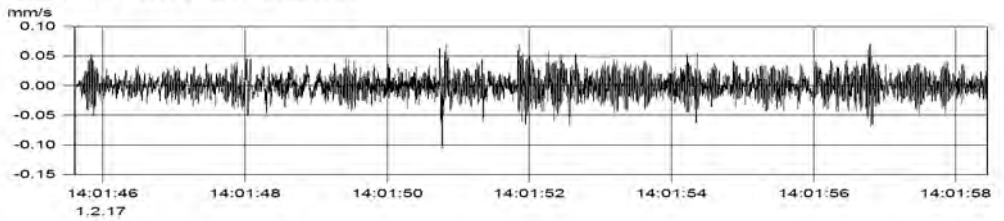
2017-02-01 14:01:38 (5): M8D 3fach Ril

MP1 (Kanal\_001) v(max) = 0.033 mm/s



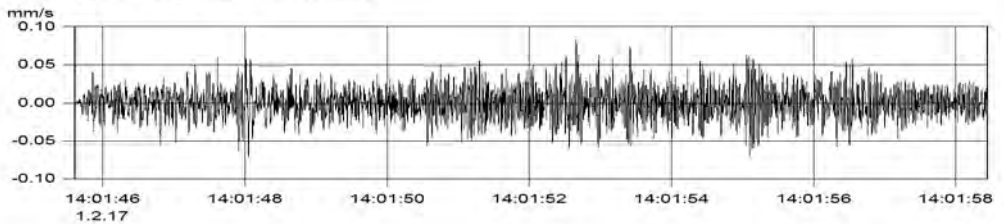
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.106 mm/s



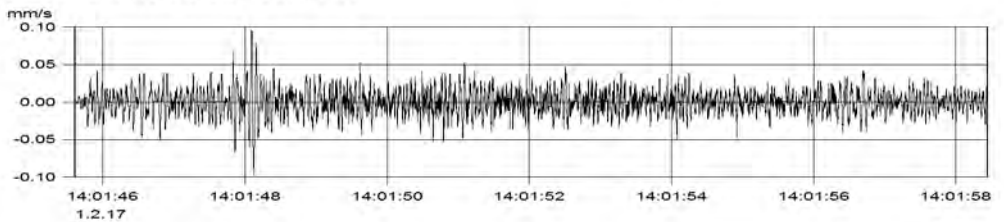
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.083 mm/s



h:m:s

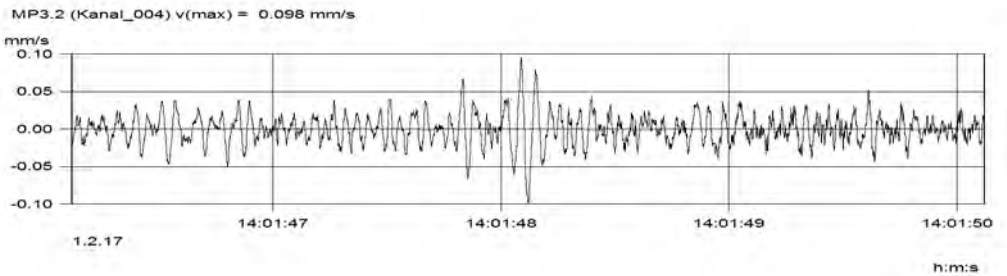
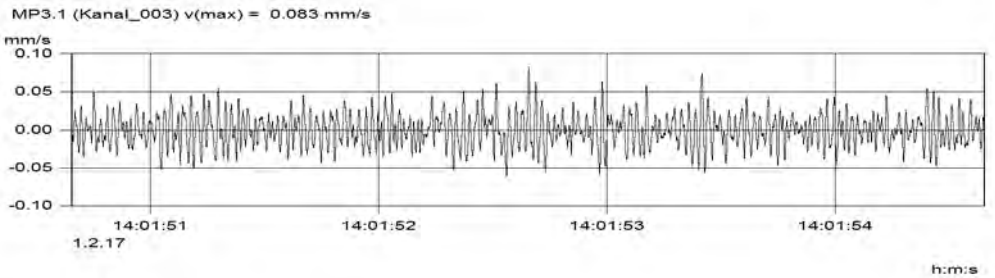
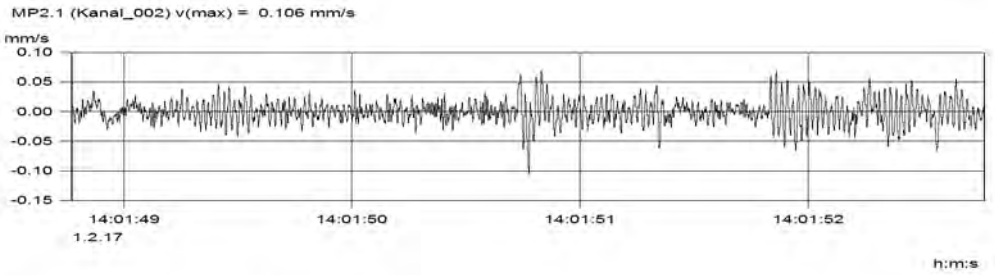
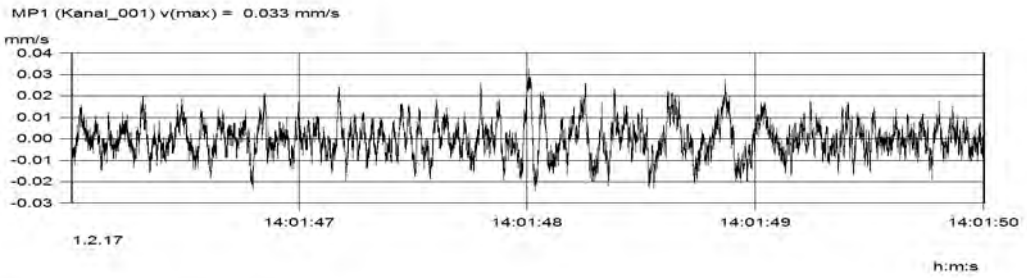
MP3.2 (Kanal\_004) v(max) = 0.098 mm/s



h:m:s

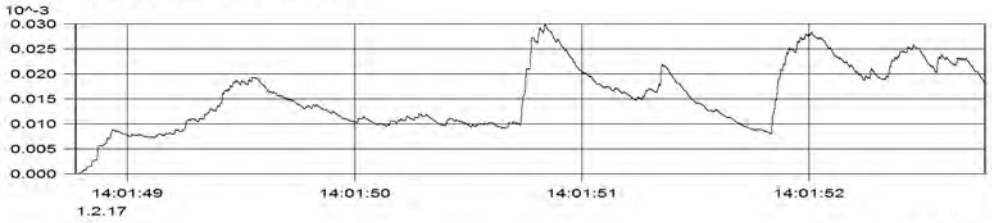


2017-02-01 14:01:38 (5): M8D 3fach Ril

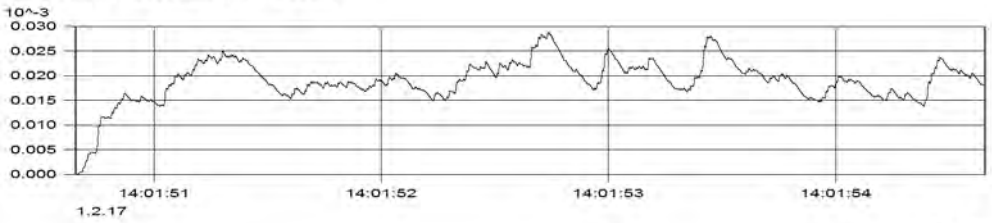


2017-02-01 14:01:38 (5): M8D 3fach Ril

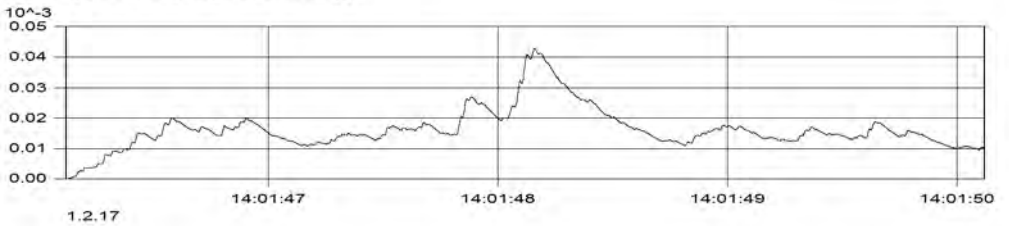
MP2.1 (Kanal\_002) KB(max) = 0.030[-]



MP3.1 (Kanal\_003) KB(max) = 0.029[-]



MP3.2 (Kanal\_004) KB(max) = 0.043[-]

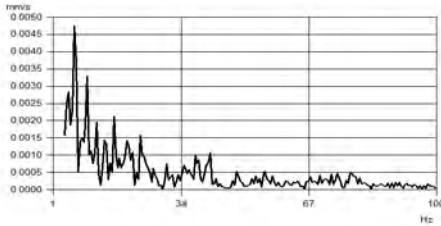


M8D 3fach Ril

2017-02-01 14-01-38 (5)

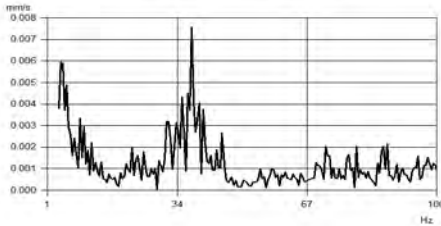
MP1 (Kanal\_001)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



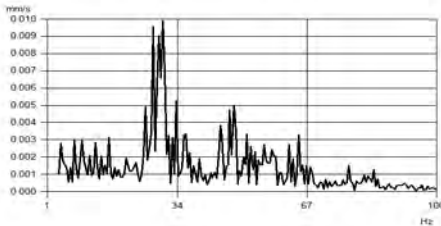
MP2.1 (Kanal\_002)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



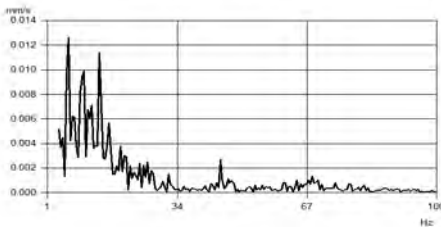
MP3.1 (Kanal\_003)

$f_e = 30.3 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$



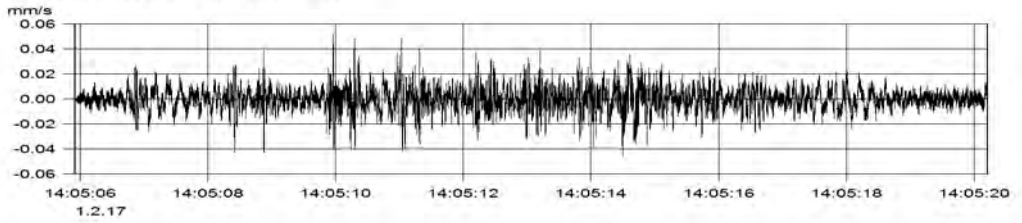
MP3.2 (Kanal\_004)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$

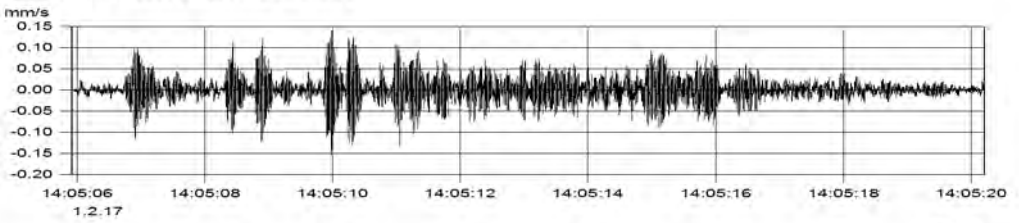


2017-02-01 14-04-18 (8): M8D Rill

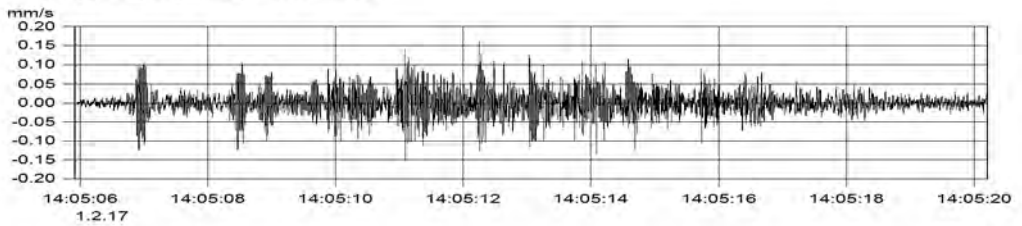
MP1 (Kanal\_001) v(max) = 0.053 mm/s



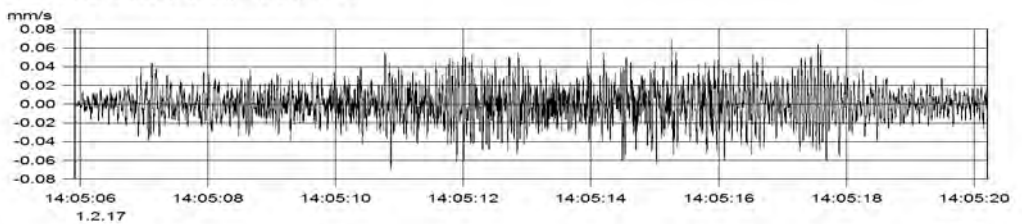
MP2.1 (Kanal\_002) v(max) = 0.154 mm/s



MP3.1 (Kanal\_003) v(max) = 0.162 mm/s

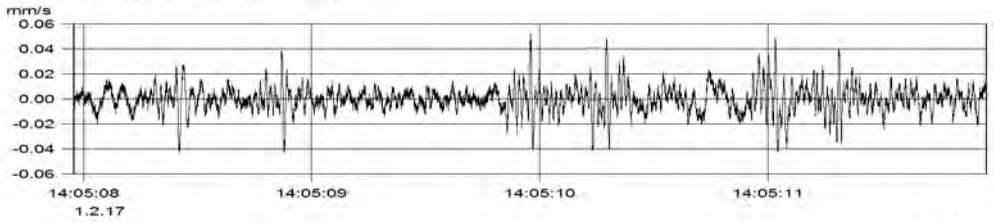


MP3.2 (Kanal\_004) v(max) = 0.070 mm/s

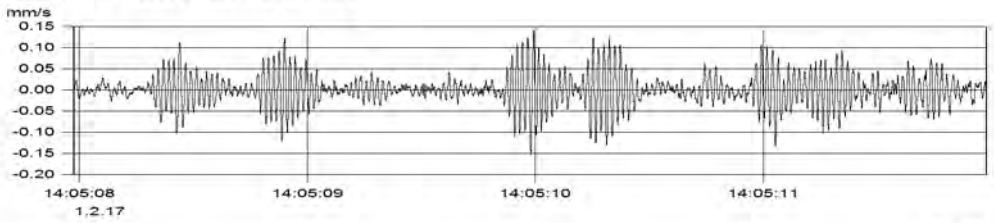


2017-02-01 14-04-18 (8): M8D Rill

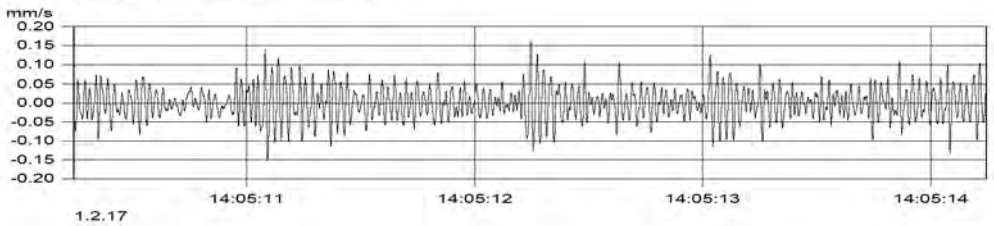
MP1 (Kanal\_001) v(max) = 0.053 mm/s



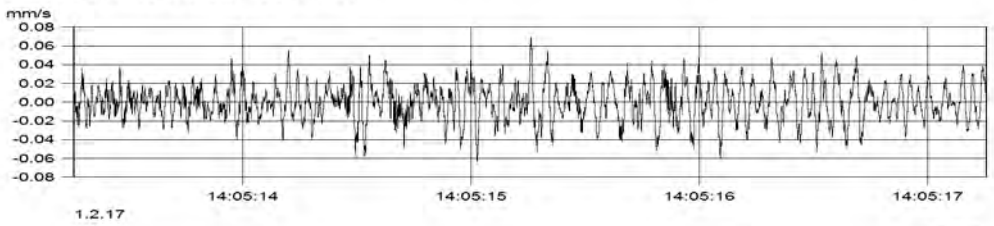
MP2.1 (Kanal\_002) v(max) = 0.154 mm/s



MP3.1 (Kanal\_003) v(max) = 0.162 mm/s

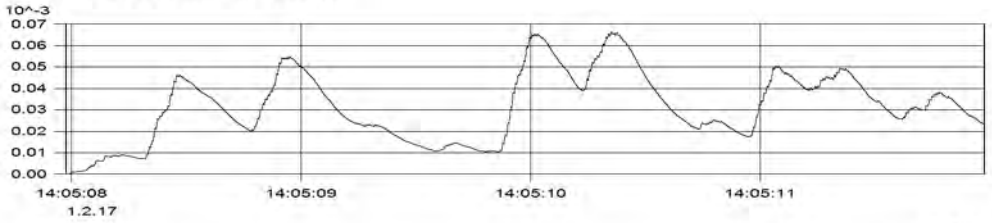


MP3.2 (Kanal\_004) v(max) = 0.070 mm/s



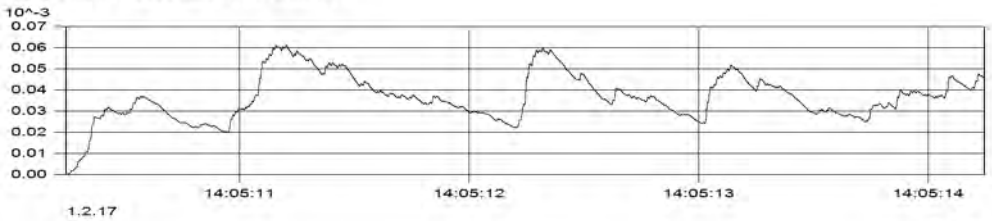
2017-02-01 14:04-18 (8): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.066[-]



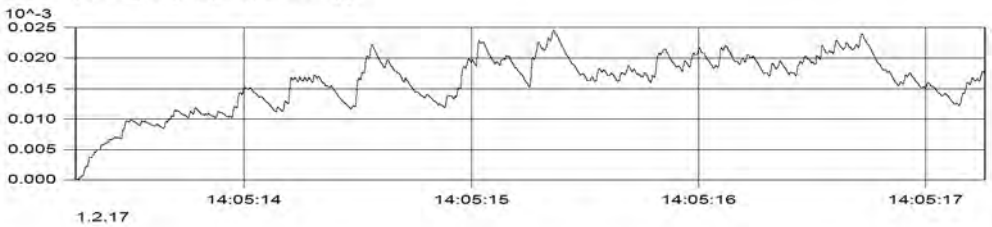
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.061[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.025[-]



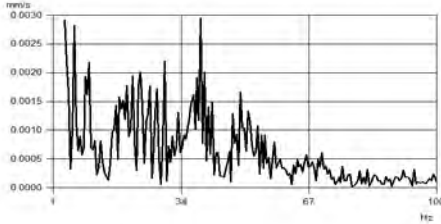
h:m:s

M8D Rill

2017-02-01 14-04-18 (8)

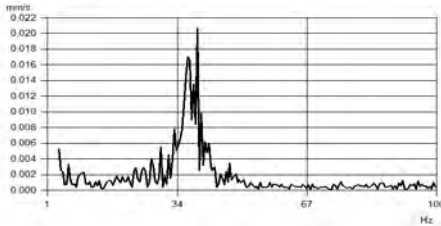
MP1 (Kanal\_001)

$f_e = 39.1 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



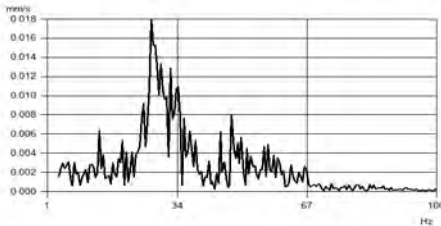
MP2.1 (Kanal\_002)

$f_e = 39.1 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



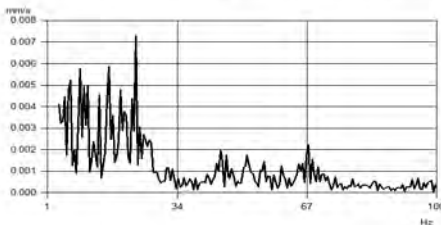
MP3.1 (Kanal\_003)

$f_e = 27.3 \text{ Hz} / v(\text{max}) = 0.018 \text{ mm/s}$



MP3.2 (Kanal\_004)

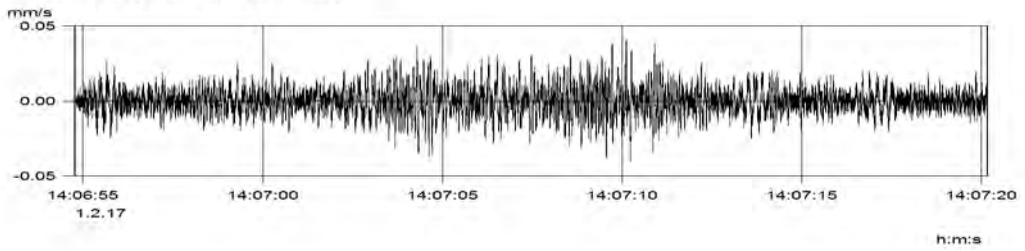
$f_e = 23.4 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



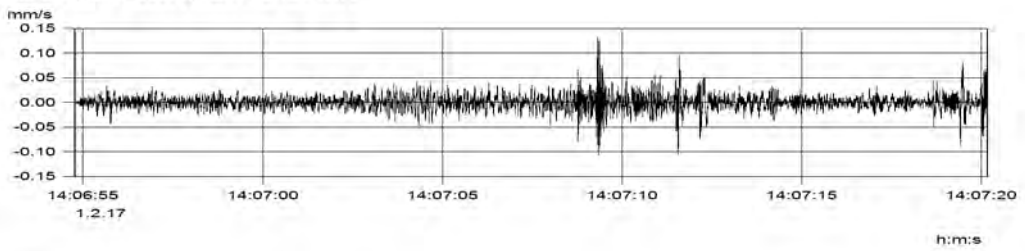


2017-02-01 14:05-29 (9): M8D Ril

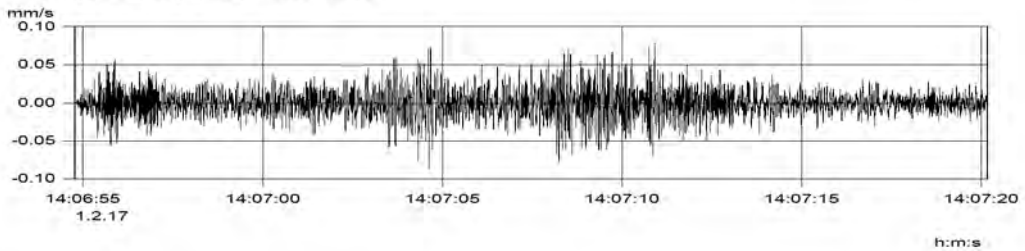
MP1 (Kanal\_001) v(max) = 0.041 mm/s



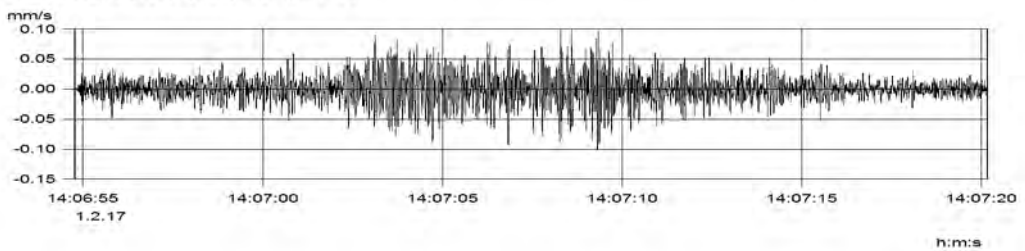
MP2.1 (Kanal\_002) v(max) = 0.134 mm/s



MP3.1 (Kanal\_003) v(max) = 0.087 mm/s

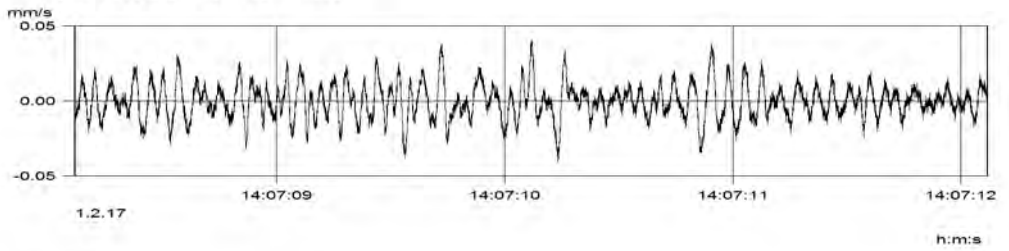


MP3.2 (Kanal\_004) v(max) = 0.101 mm/s

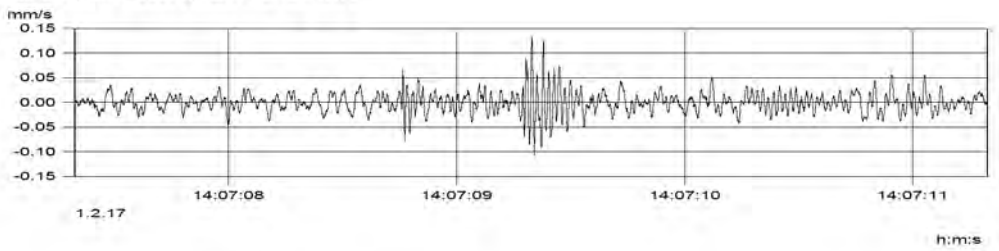


2017-02-01 14:05-29 (9): M8D Ril

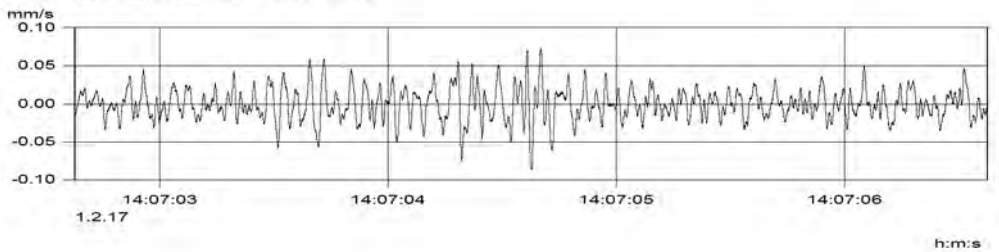
MP1 (Kanal\_001) v(max) = 0.041 mm/s



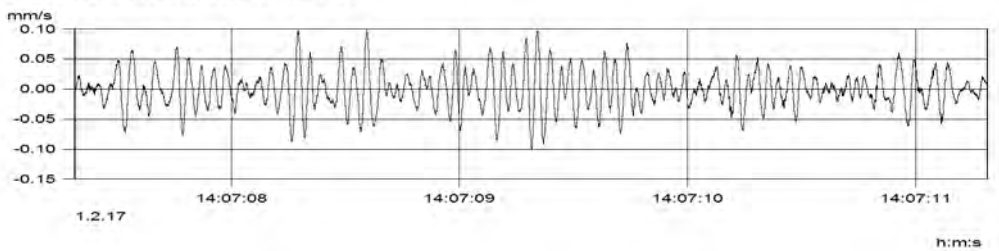
MP2.1 (Kanal\_002) v(max) = 0.134 mm/s



MP3.1 (Kanal\_003) v(max) = 0.087 mm/s

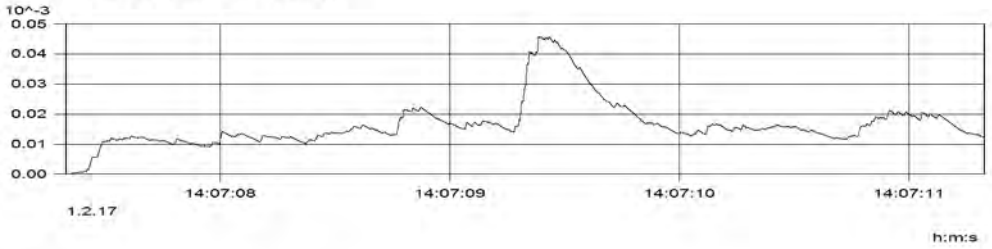


MP3.2 (Kanal\_004) v(max) = 0.101 mm/s

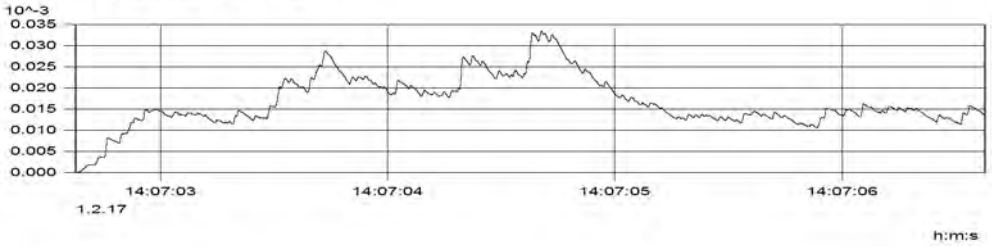


2017-02-01 14:05-29 (9): M8D Ril

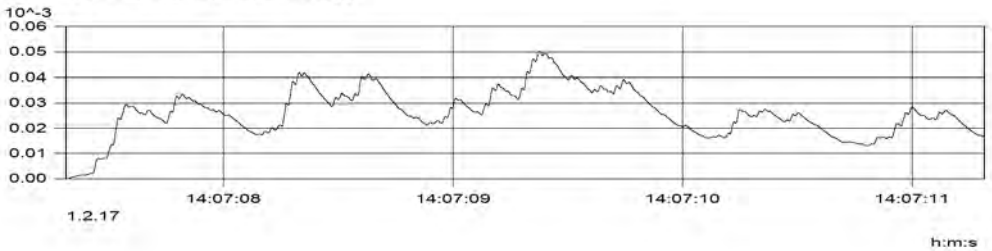
MP2.1 (Kanal\_002) KB(max) = 0.046[-]



MP3.1 (Kanal\_003) KB(max) = 0.033[-]



MP3.2 (Kanal\_004) KB(max) = 0.050[-]

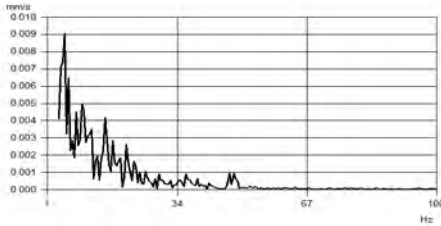


M8D Ril

2017-02-01 14-05-29 (9)

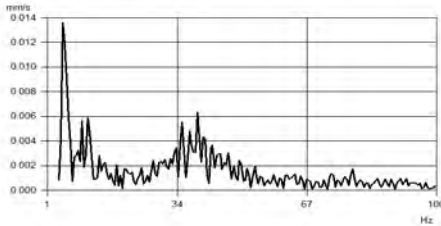
MP1 (Kanal\_001)

$f_e = 5.4 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



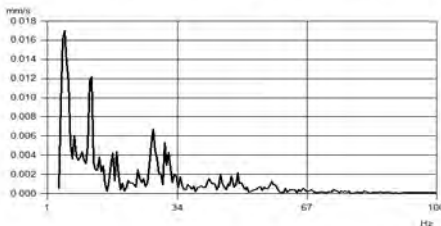
MP2.1 (Kanal\_002)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



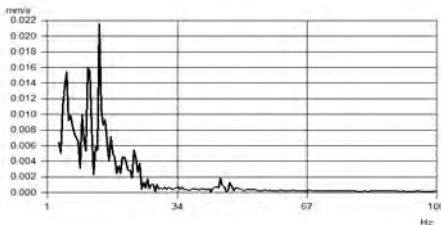
MP3.1 (Kanal\_003)

$f_e = 5.4 \text{ Hz} / v(\text{max}) = 0.017 \text{ mm/s}$

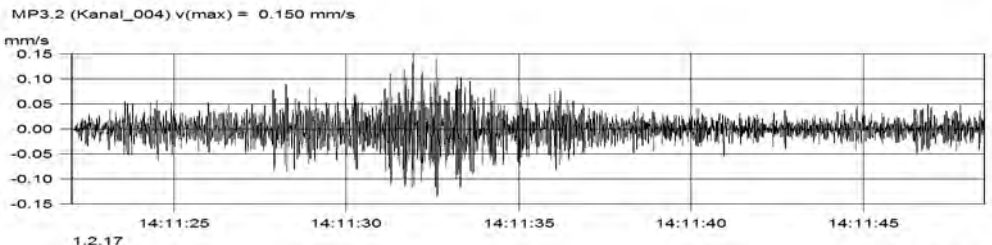
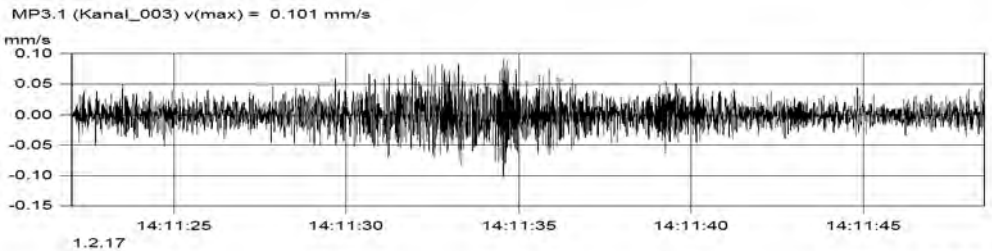
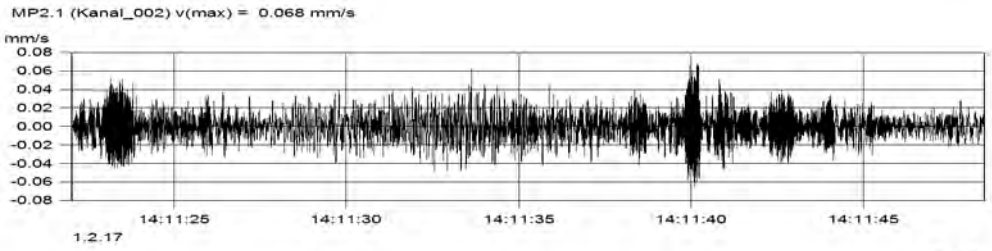
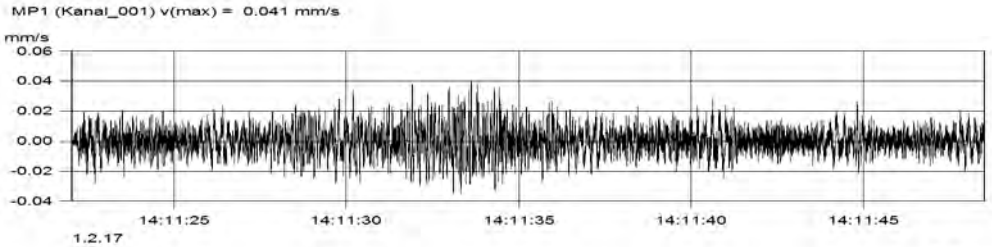


MP3.2 (Kanal\_004)

$f_e = 14.2 \text{ Hz} / v(\text{max}) = 0.022 \text{ mm/s}$

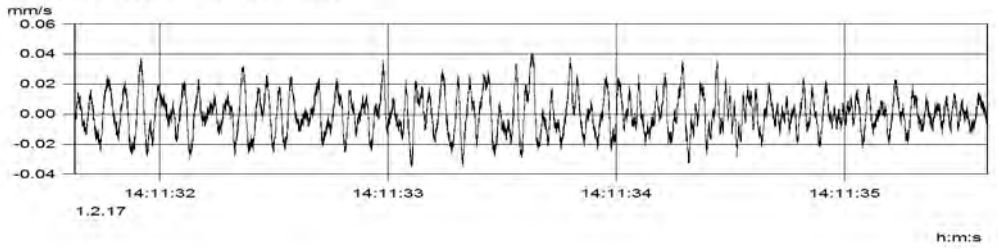


2017-02-01 14-08-52 (10): M8D 3fach Ril

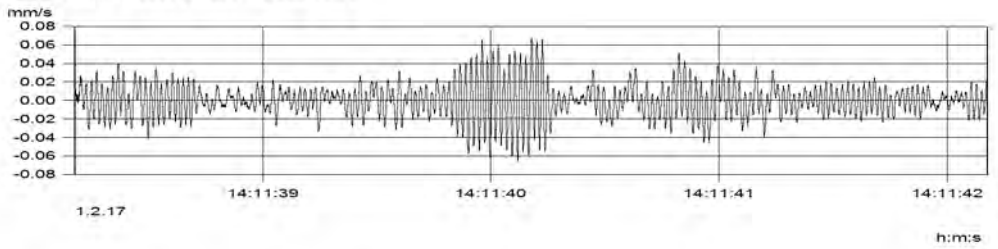


2017-02-01 14-08-52 (10): M8D 3fach Ril

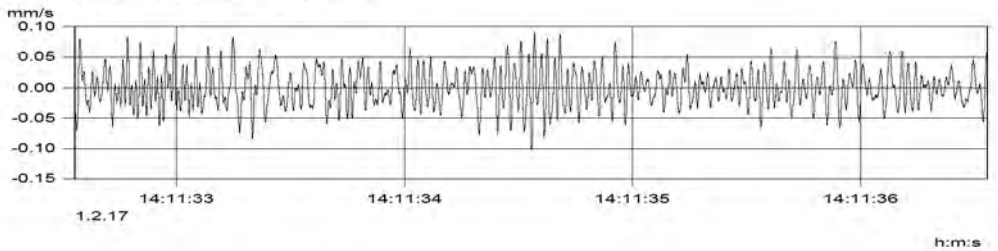
MP1 (Kanal\_001) v(max) = 0.041 mm/s



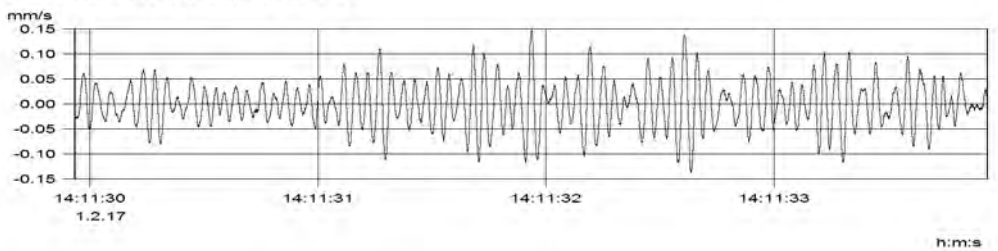
MP2.1 (Kanal\_002) v(max) = 0.068 mm/s



MP3.1 (Kanal\_003) v(max) = 0.101 mm/s

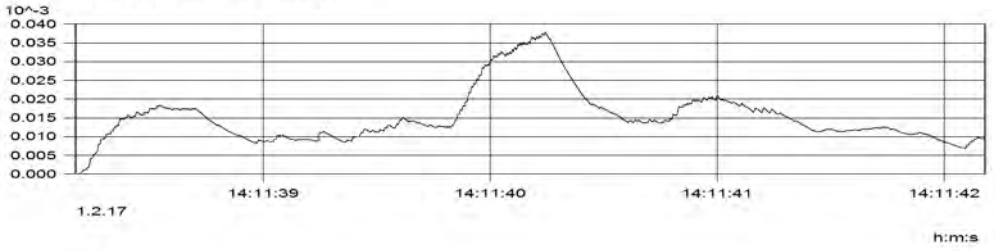


MP3.2 (Kanal\_004) v(max) = 0.150 mm/s

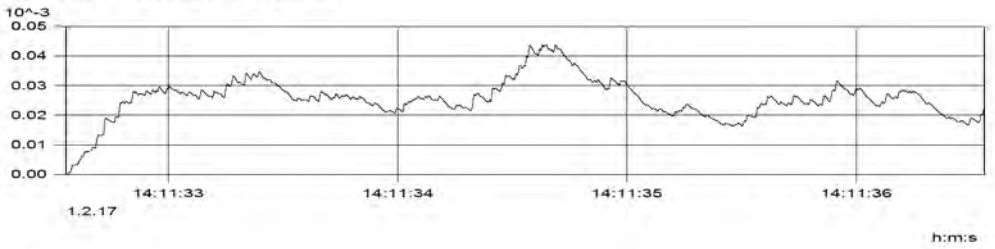


2017-02-01 14-08-52 (10): M8D 3fach Ril

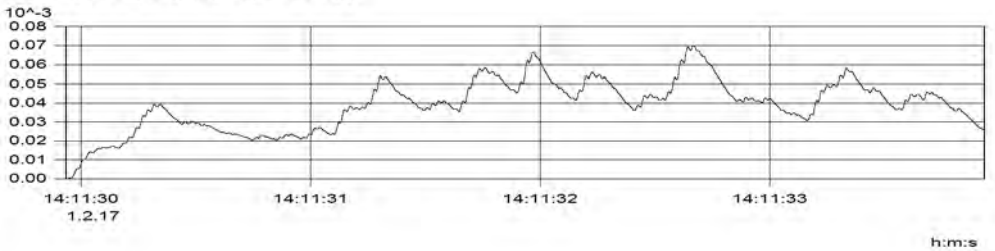
MP2.1 (Kanal\_002) KB(max) = 0.038[-]



MP3.1 (Kanal\_003) KB(max) = 0.044[-]



MP3.2 (Kanal\_004) KB(max) = 0.070[-]



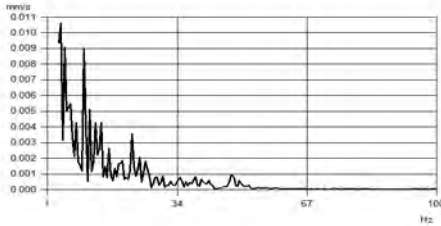


M8D 3fach Ril

2017-02-01 14-08-52 (10)

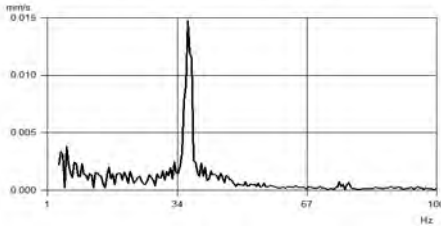
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



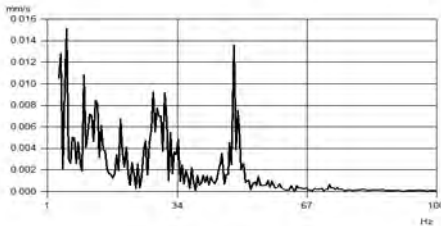
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



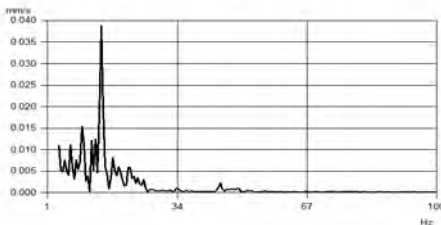
MP3.1 (Kanal\_003)

$f_e = 5.9 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



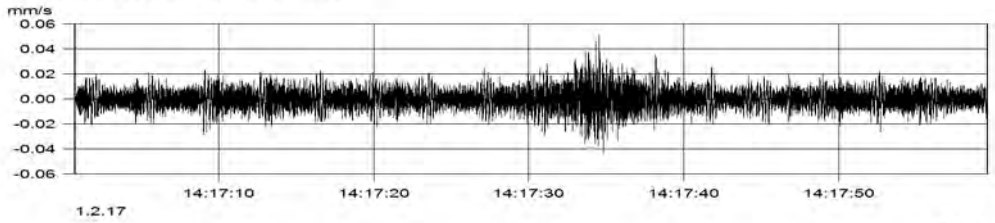
MP3.2 (Kanal\_004)

$f_e = 14.6 \text{ Hz} / v(\text{max}) = 0.039 \text{ mm/s}$

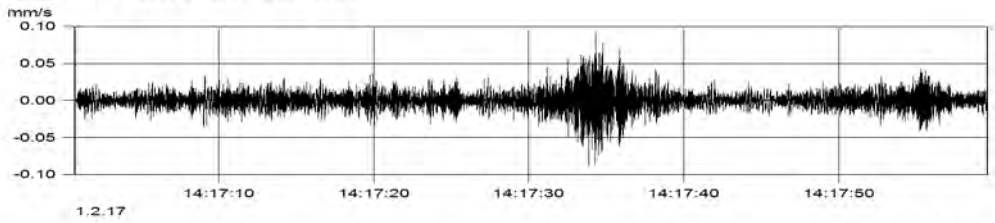


2017-02-01 14-13-13 (11): M8C Ril

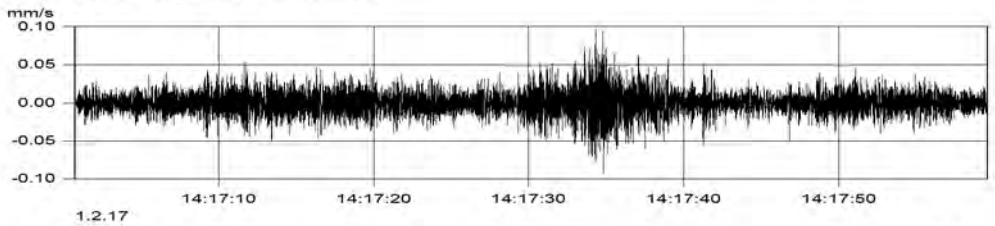
MP1 (Kanal\_001) v(max) = 0.051 mm/s



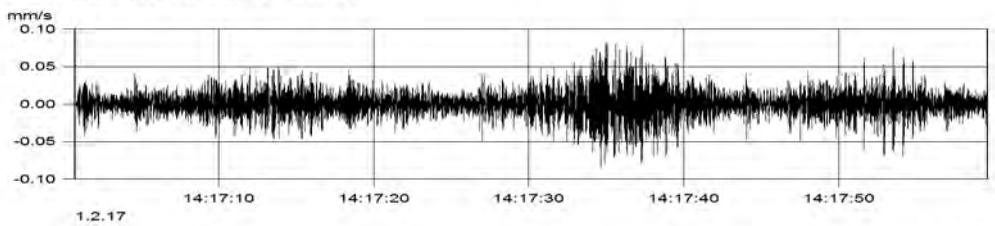
MP2.1 (Kanal\_002) v(max) = 0.092 mm/s



MP3.1 (Kanal\_003) v(max) = 0.096 mm/s

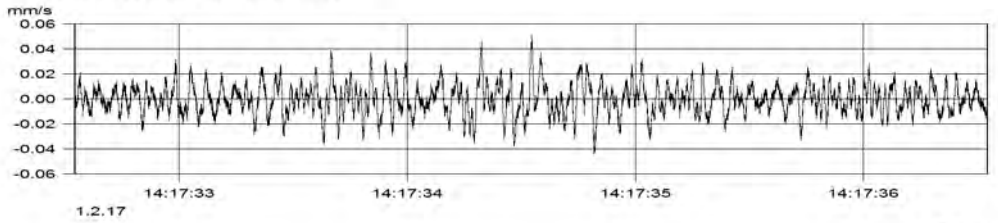


MP3.2 (Kanal\_004) v(max) = 0.086 mm/s

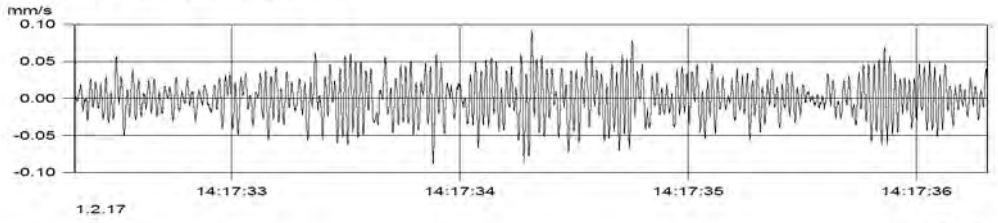


2017-02-01 14:13-13 (11): M8C Ril

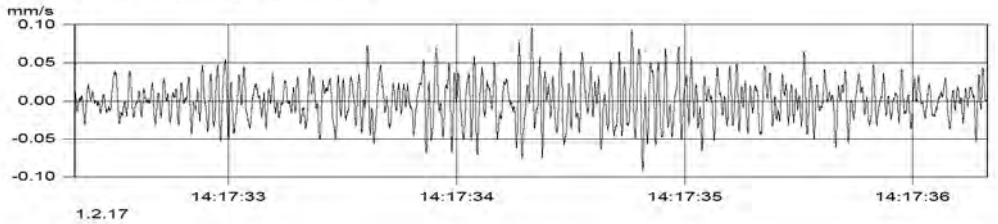
MP1 (Kanal\_001) v(max) = 0.051 mm/s



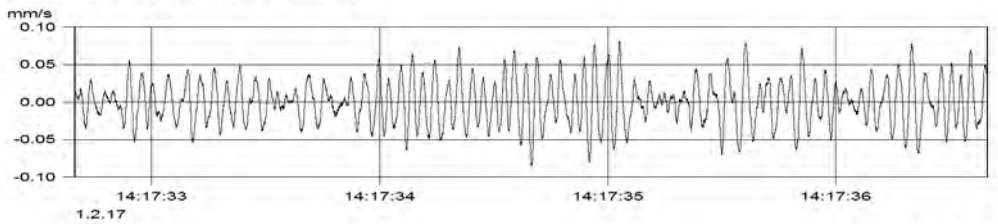
MP2.1 (Kanal\_002) v(max) = 0.092 mm/s



MP3.1 (Kanal\_003) v(max) = 0.096 mm/s

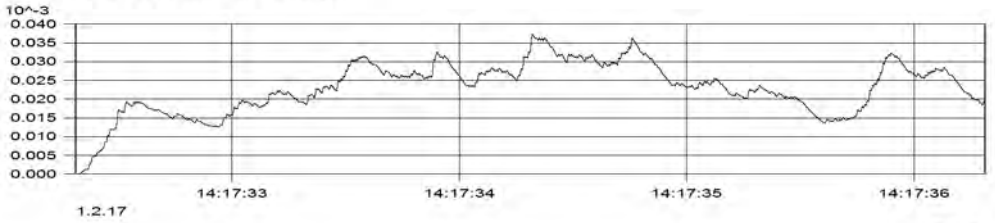


MP3.2 (Kanal\_004) v(max) = 0.086 mm/s



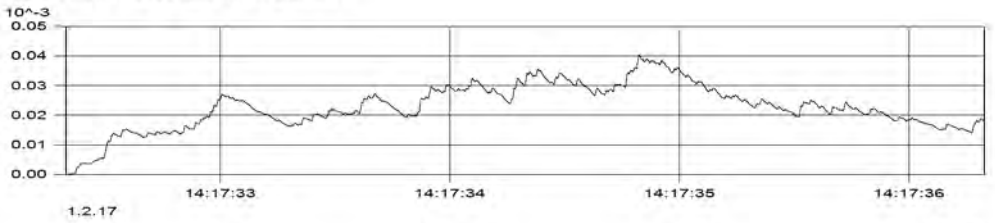
2017-02-01 14-13-13 (11): M8C Ril

MP2.1 (Kanal\_002) KB(max) = 0.037[-]



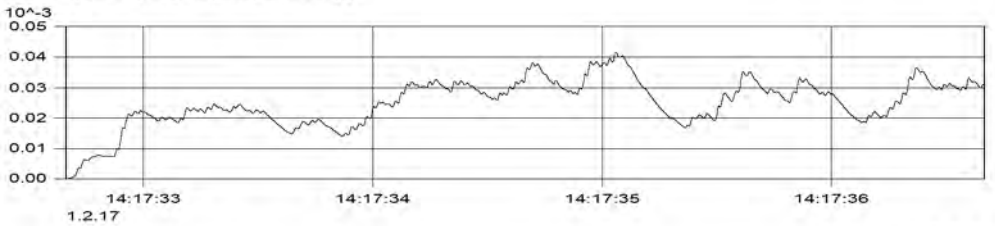
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.040[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.042[-]



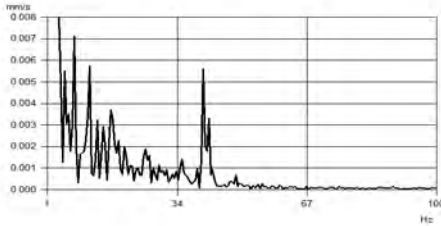
h:m:s

M8C Ril

2017-02-01 14-13-13 (11)

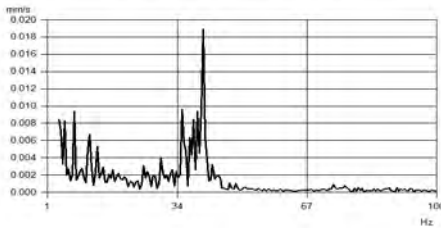
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



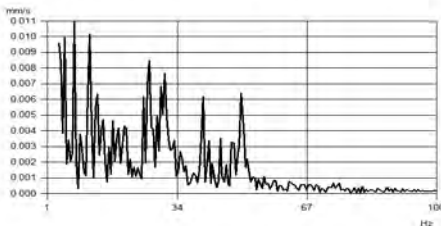
MP2.1 (Kanal\_002)

$f_e = 40.5 \text{ Hz} / v(\text{max}) = 0.019 \text{ mm/s}$



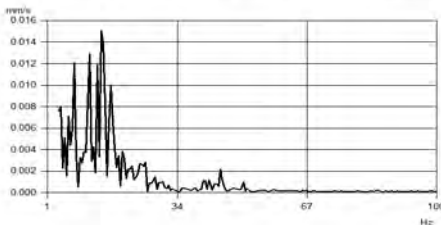
MP3.1 (Kanal\_003)

$f_e = 7.8 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



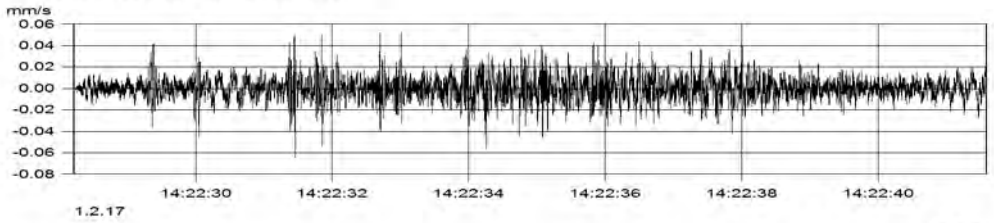
MP3.2 (Kanal\_004)

$f_e = 14.6 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$

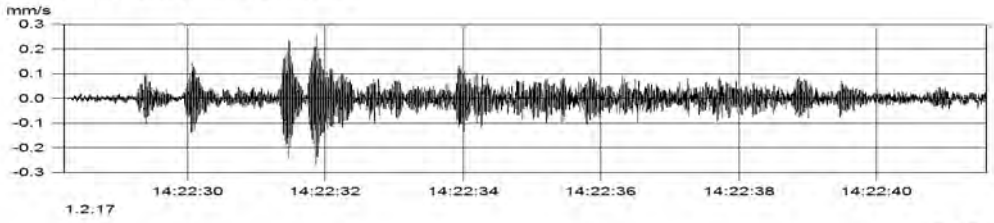


2017-02-01 14-20-37 (12): M8D Rill

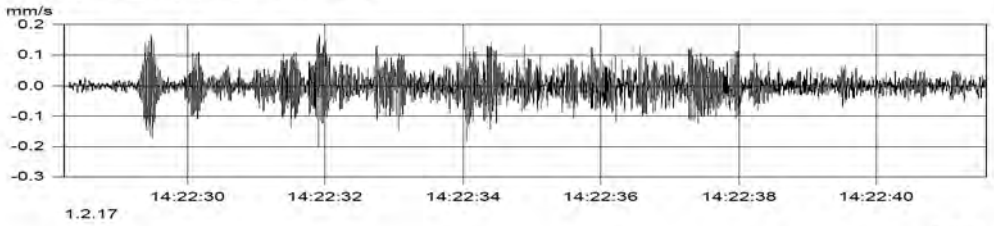
MP1 (Kanal\_001) v(max) = 0.065 mm/s



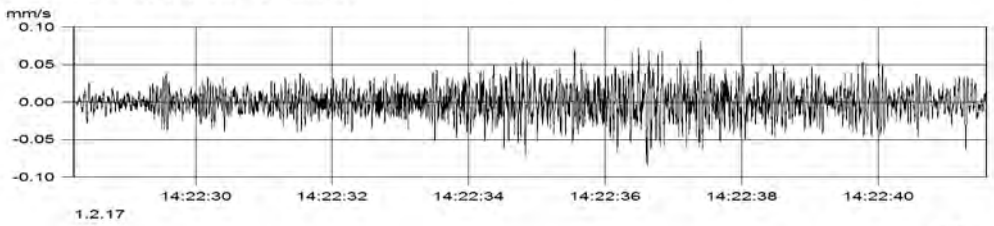
MP2.1 (Kanal\_002) v(max) = 0.264 mm/s



MP3.1 (Kanal\_003) v(max) = 0.201 mm/s



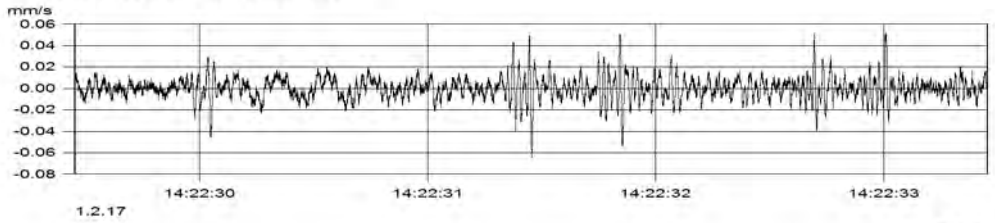
MP3.2 (Kanal\_004) v(max) = 0.086 mm/s



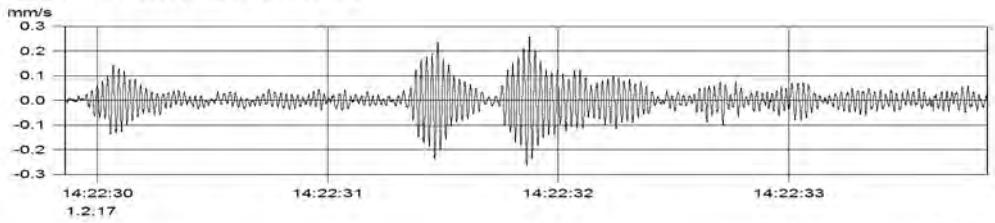


2017-02-01 14-20-37 (12): M8D Rill

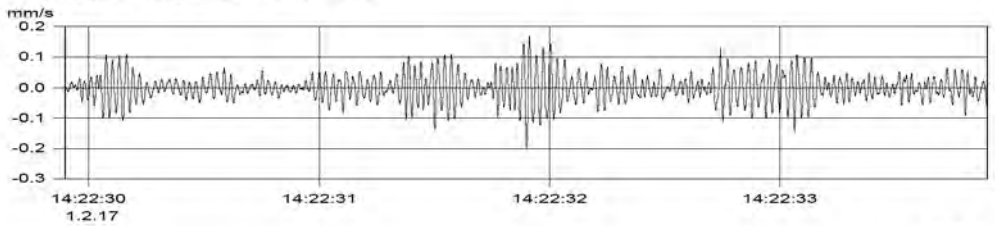
MP1 (Kanal\_001) v(max) = 0.065 mm/s



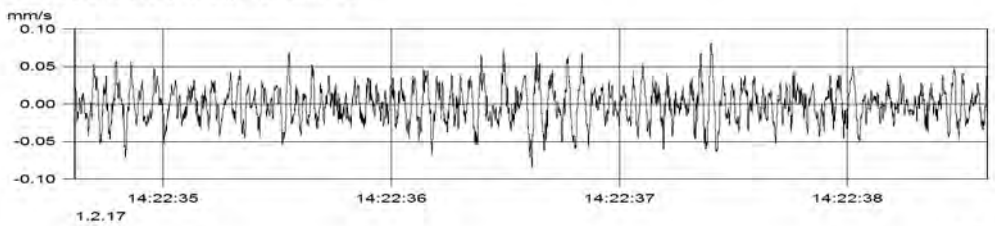
MP2.1 (Kanal\_002) v(max) = 0.264 mm/s



MP3.1 (Kanal\_003) v(max) = 0.201 mm/s



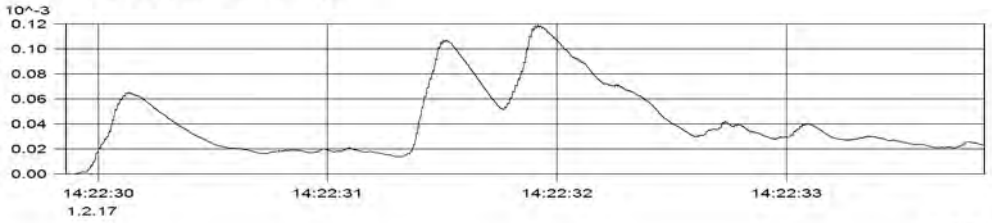
MP3.2 (Kanal\_004) v(max) = 0.086 mm/s



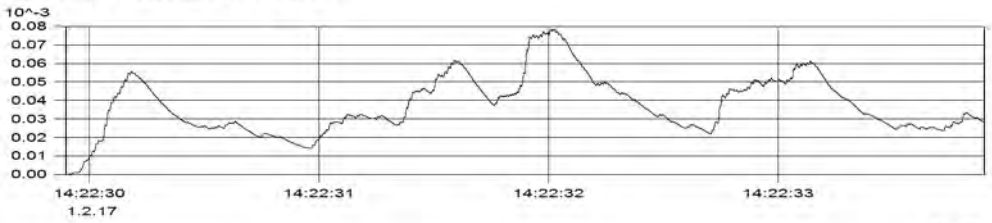


2017-02-01 14:20-37 (12): M8D Rill

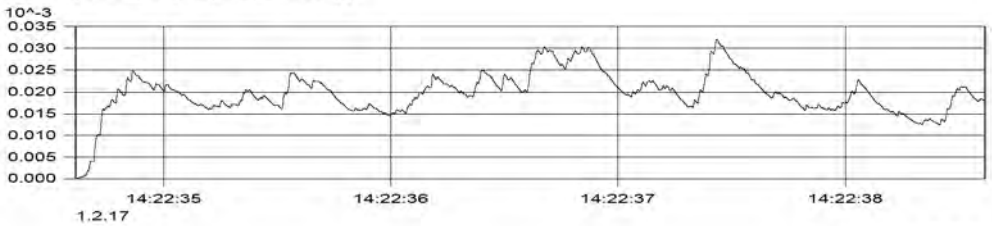
MP2.1 (Kanal\_002) KB(max) = 0.119[-]



MP3.1 (Kanal\_003) KB(max) = 0.079[-]



MP3.2 (Kanal\_004) KB(max) = 0.032[-]

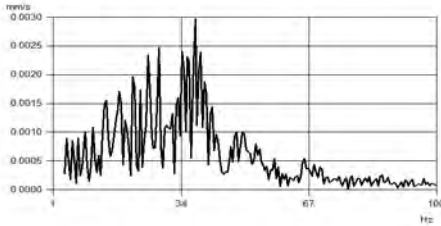


M8D Rill

2017-02-01 14-20-37 (12)

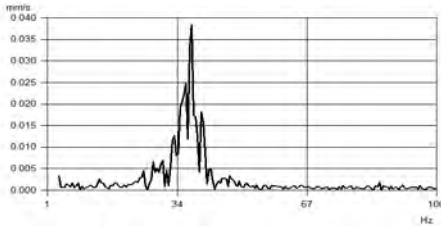
MP1 (Kanal\_001)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



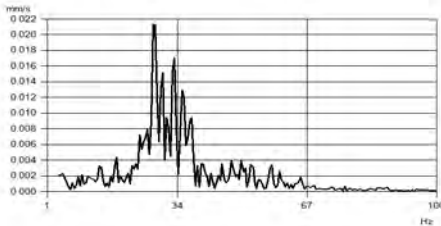
MP2.1 (Kanal\_002)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.038 \text{ mm/s}$



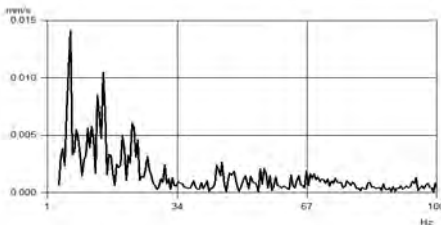
MP3.1 (Kanal\_003)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$

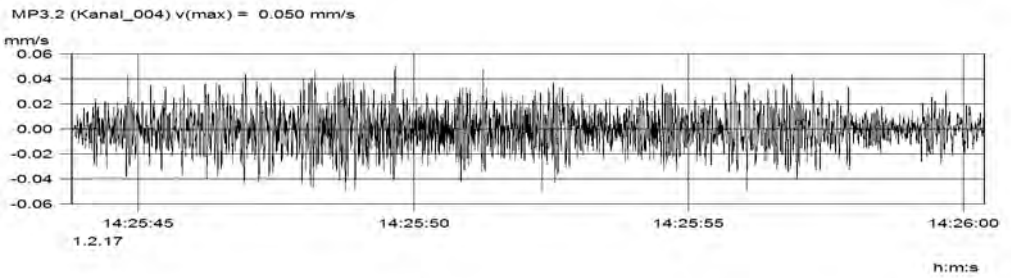
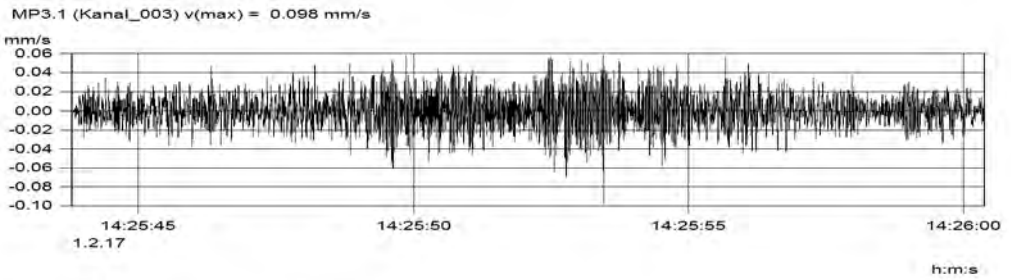
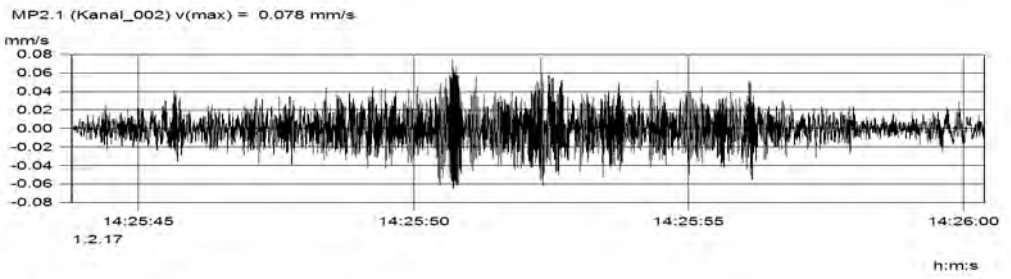
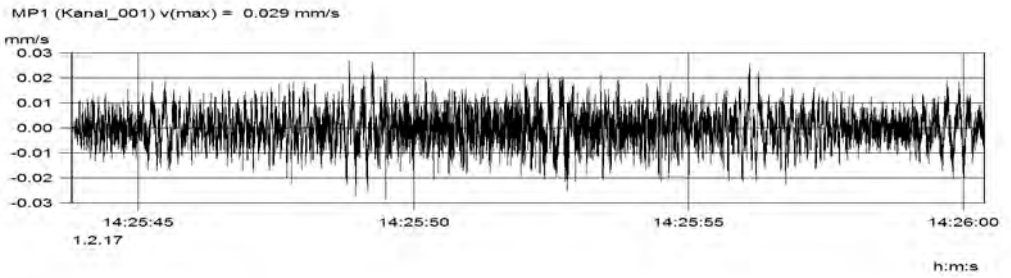


MP3.2 (Kanal\_004)

$f_e = 6.8 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$

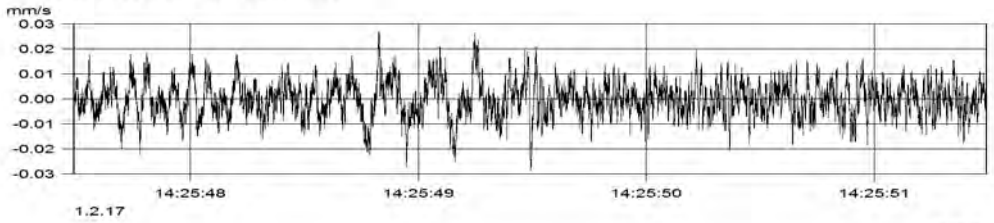


2017-02-01 14:22-52 (13): M8D Ril



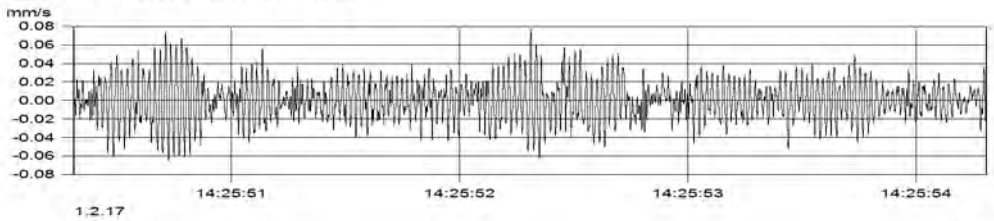
2017-02-01 14:22-52 (13): M8D Ril

MP1 (Kanal\_001) v(max) = 0.029 mm/s



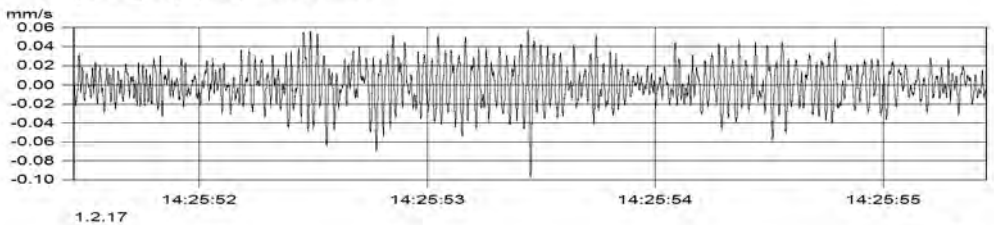
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.078 mm/s



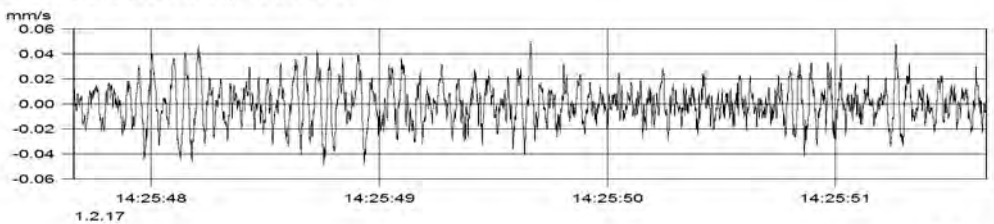
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.098 mm/s



h:m:s

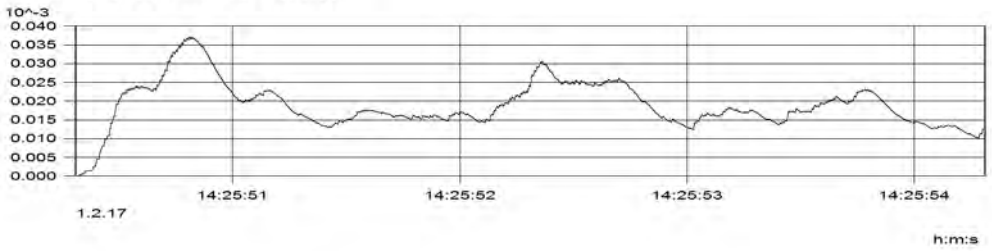
MP3.2 (Kanal\_004) v(max) = 0.050 mm/s



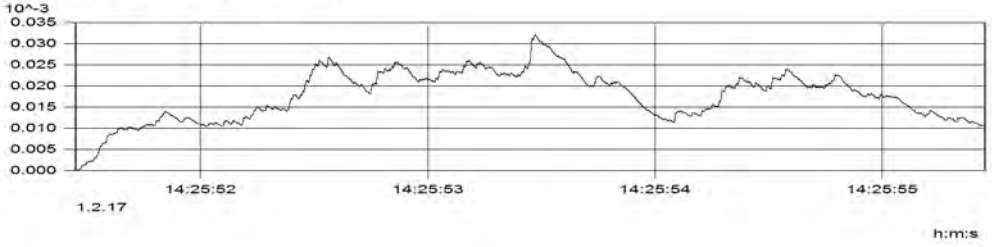
h:m:s

2017-02-01 14:22-52 (13): M8D Ril

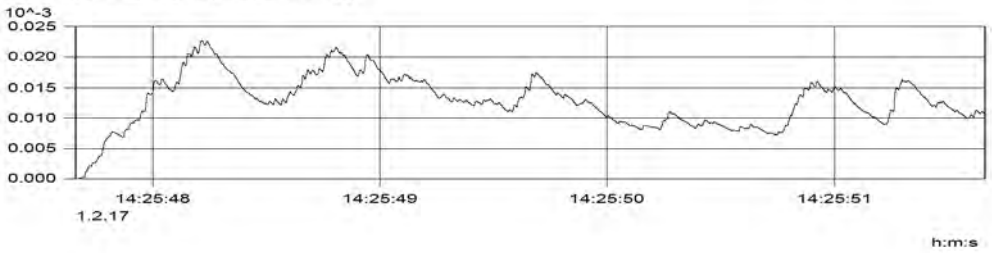
MP2.1 (Kanal\_002) KB(max) = 0.037[-]



MP3.1 (Kanal\_003) KB(max) = 0.032[-]



MP3.2 (Kanal\_004) KB(max) = 0.023[-]

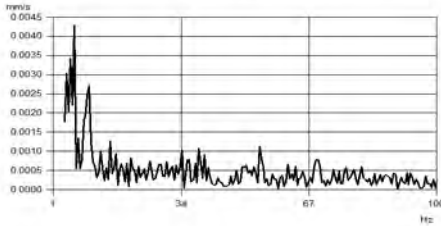


M8D Ril

2017-02-01 14-22-52 (13)

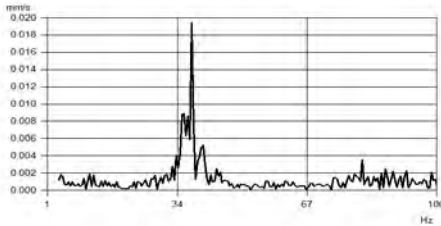
MP1 (Kanal\_001)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



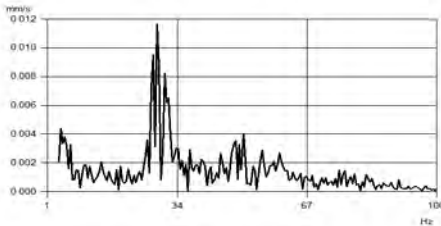
MP2.1 (Kanal\_002)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.019 \text{ mm/s}$



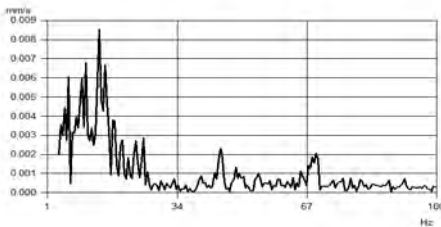
MP3.1 (Kanal\_003)

$f_e = 28.8 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$

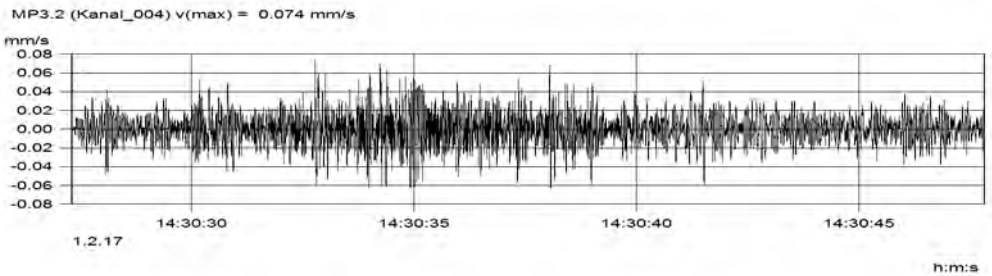
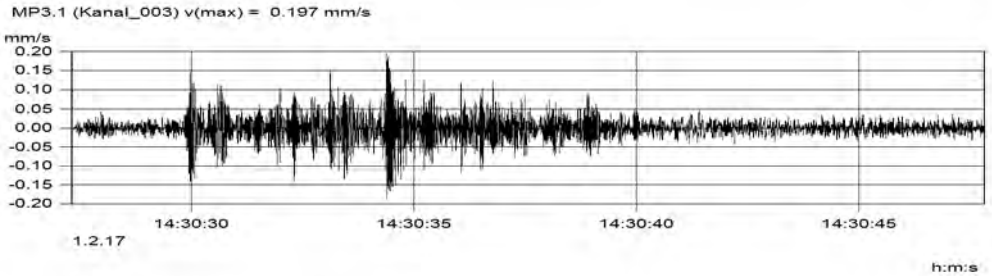
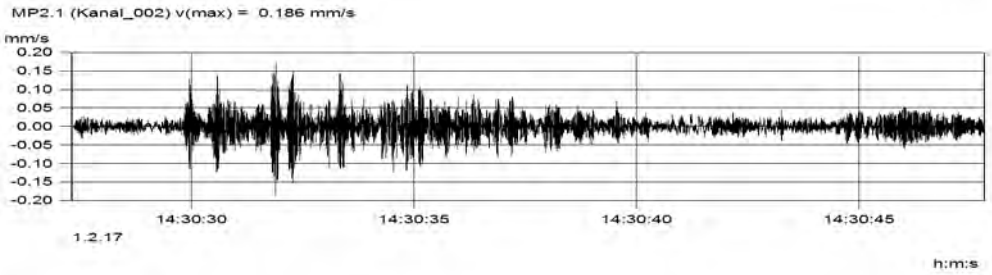
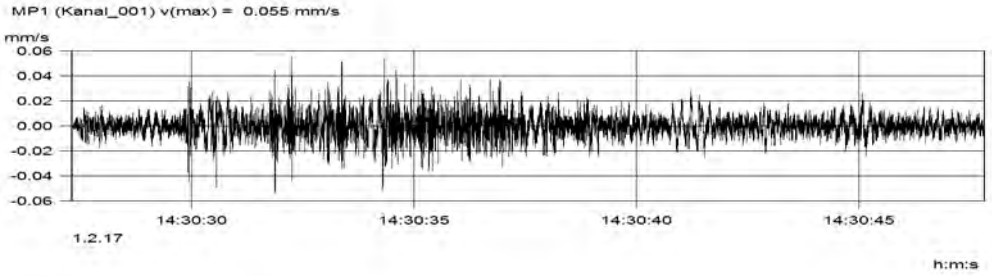


MP3.2 (Kanal\_004)

$f_e = 14.2 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



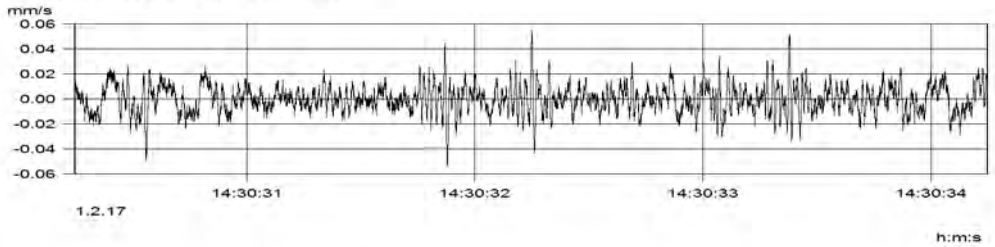
2017-02-01 14:26-42 (15): M8D Rill



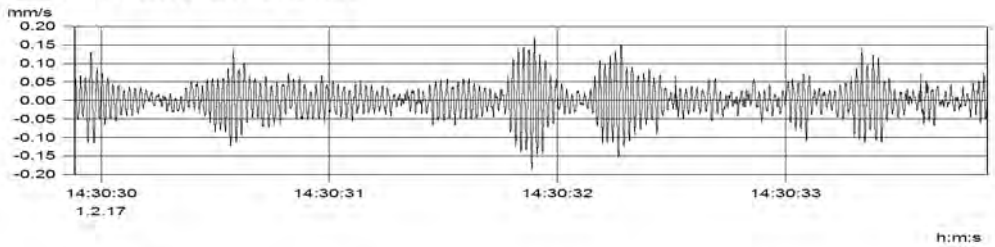


2017-02-01 14:26:42 (15): M8D Rill

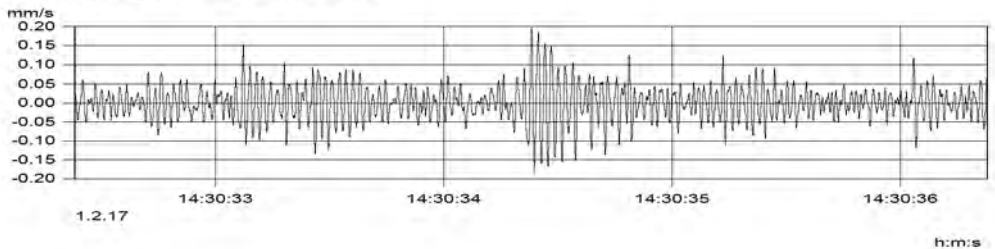
MP1 (Kanal\_001) v(max) = 0.055 mm/s



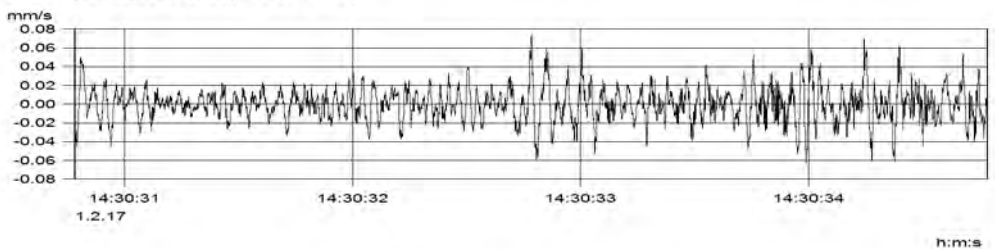
MP2.1 (Kanal\_002) v(max) = 0.186 mm/s



MP3.1 (Kanal\_003) v(max) = 0.197 mm/s

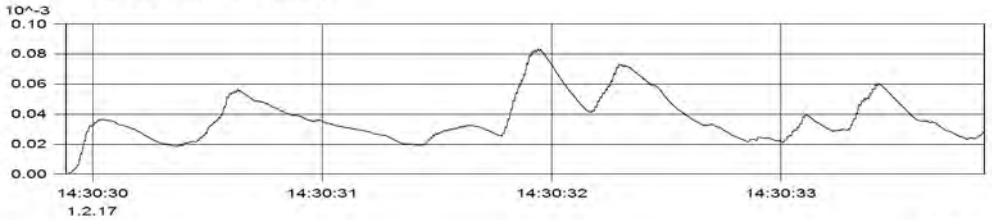


MP3.2 (Kanal\_004) v(max) = 0.074 mm/s



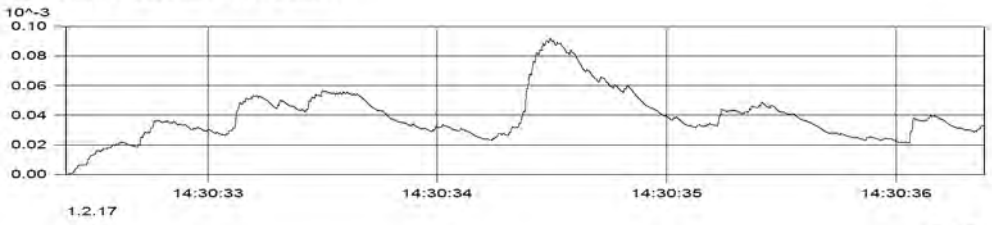
2017-02-01 14-26-42 (15): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.083[-]



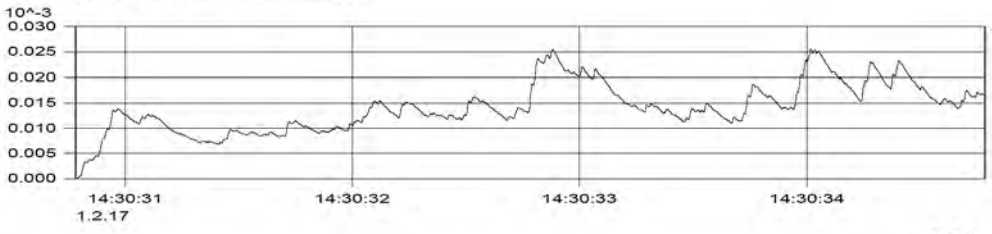
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.092[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.026[-]



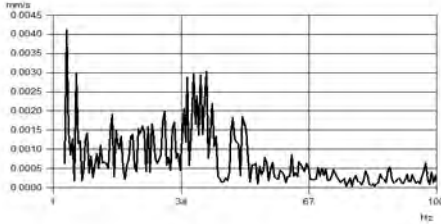
h:m:s

M8D Rill

2017-02-01 14-26-42 (15)

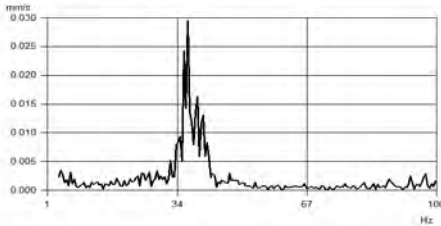
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



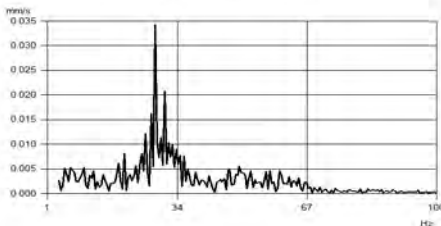
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.029 \text{ mm/s}$



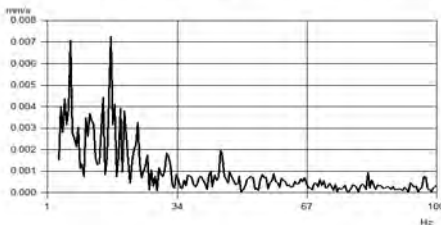
MP3.1 (Kanal\_003)

$f_e = 28.3 \text{ Hz} / v(\text{max}) = 0.034 \text{ mm/s}$



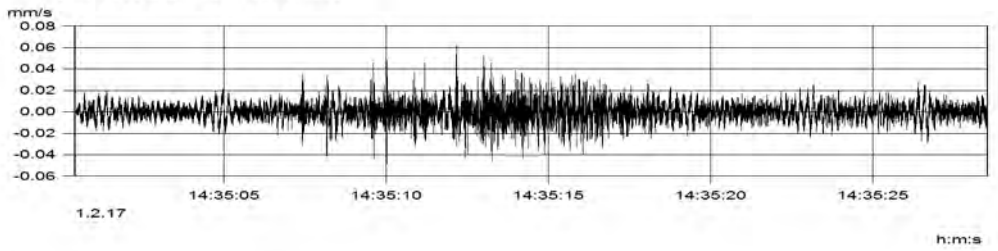
MP3.2 (Kanal\_004)

$f_e = 17.1 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$

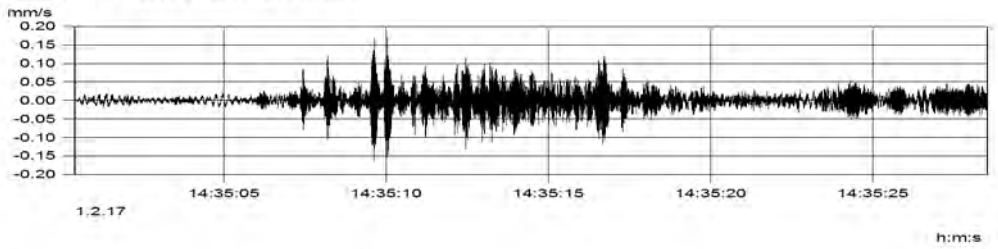


2017-02-01 14:30-53 (16): M8D 3fach Rill

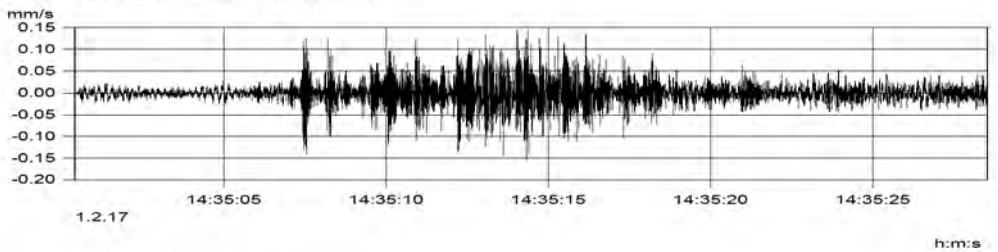
MP1 (Kanal\_001) v(max) = 0.062 mm/s



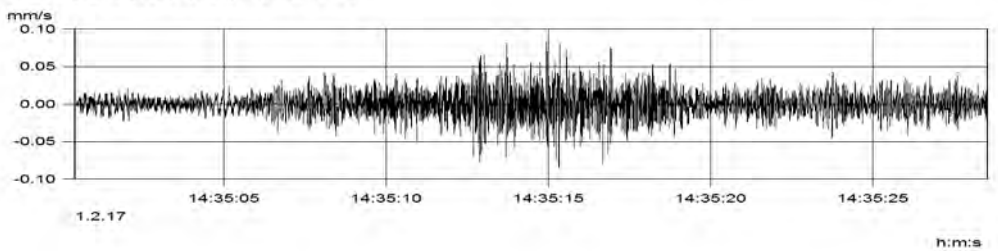
MP2.1 (Kanal\_002) v(max) = 0.171 mm/s



MP3.1 (Kanal\_003) v(max) = 0.153 mm/s

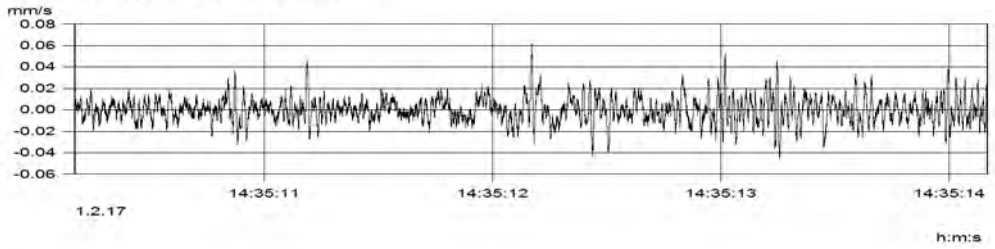


MP3.2 (Kanal\_004) v(max) = 0.085 mm/s

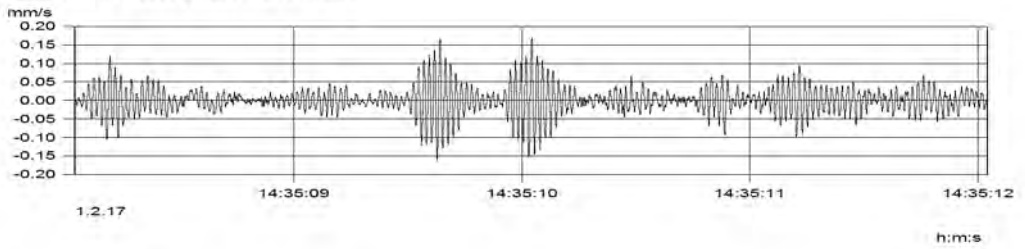


2017-02-01 14:30-53 (16): M8D 3fach Rill

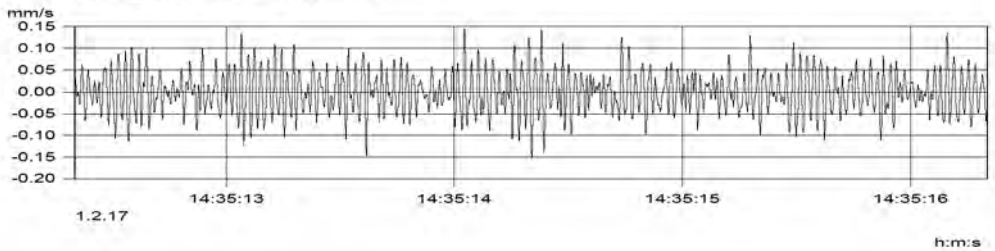
MP1 (Kanal\_001) v(max) = 0.062 mm/s



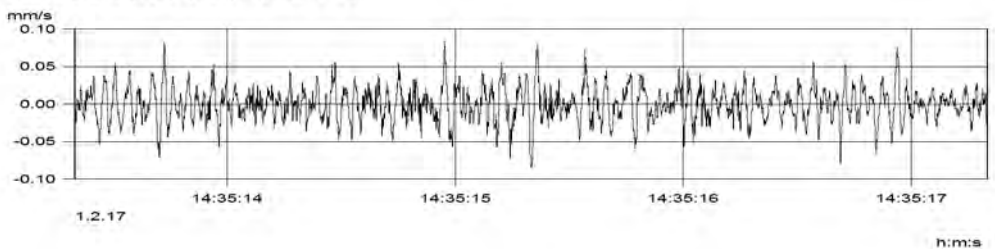
MP2.1 (Kanal\_002) v(max) = 0.171 mm/s



MP3.1 (Kanal\_003) v(max) = 0.153 mm/s

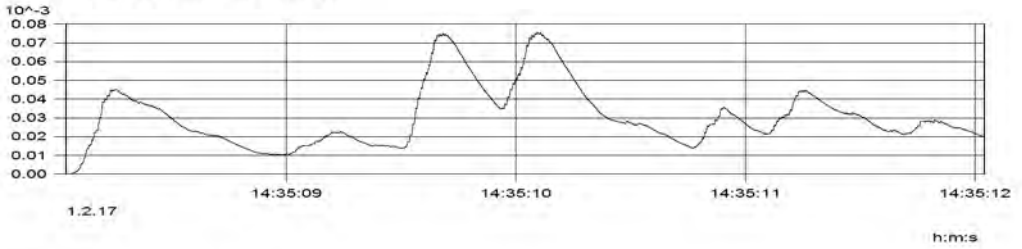


MP3.2 (Kanal\_004) v(max) = 0.085 mm/s

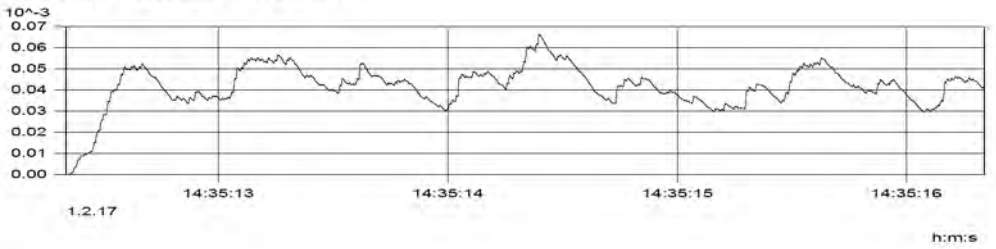


2017-02-01 14:30-53 (16): M8D 3fach Rill

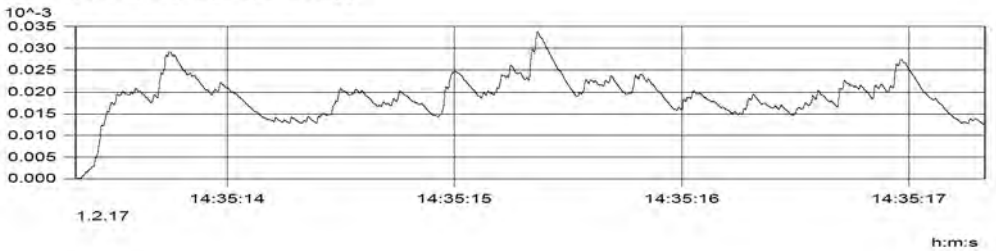
MP2.1 (Kanal\_002) KB(max) = 0.076[-]



MP3.1 (Kanal\_003) KB(max) = 0.066[-]



MP3.2 (Kanal\_004) KB(max) = 0.034[-]

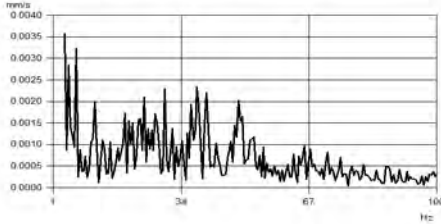


M8D 3fach Rill

2017-02-01 14-30-53 (16)

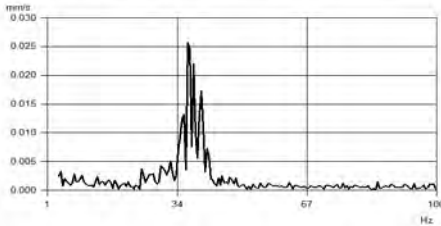
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



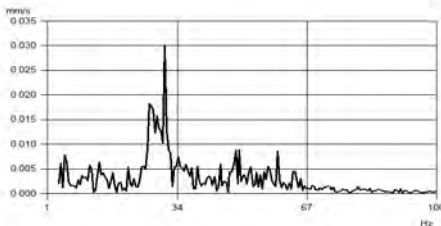
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.026 \text{ mm/s}$



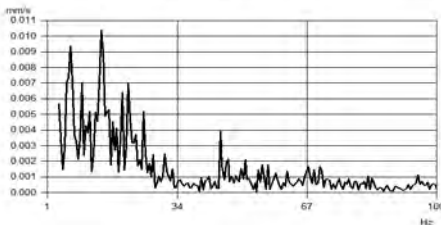
MP3.1 (Kanal\_003)

$f_e = 30.8 \text{ Hz} / v(\text{max}) = 0.030 \text{ mm/s}$



MP3.2 (Kanal\_004)

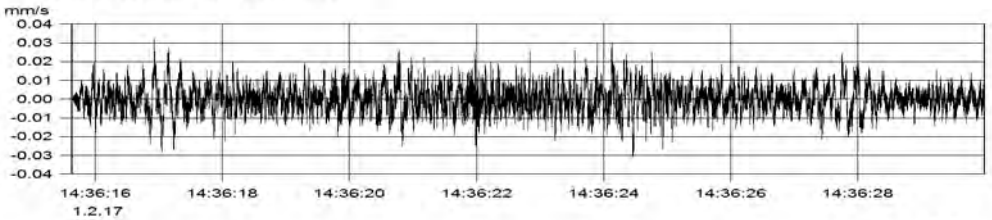
$f_e = 14.6 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$





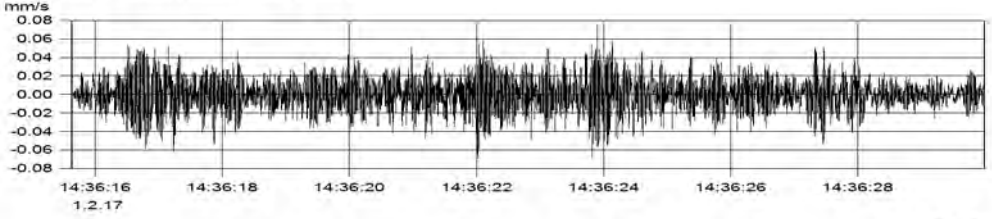
2017-02-01 14:35-33 (17): M8D Ril

MP1 (Kanal\_001) v(max) = 0.032 mm/s



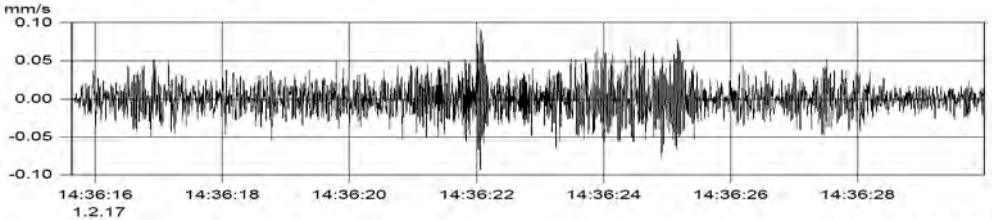
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.076 mm/s



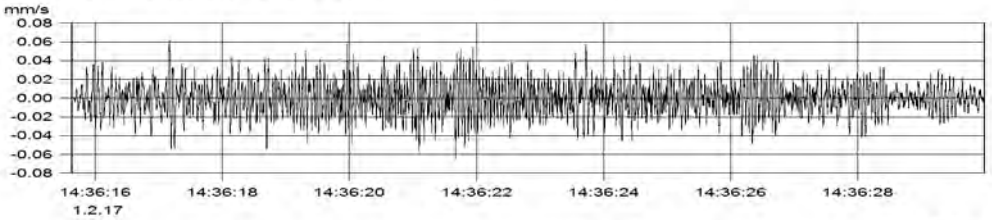
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.093 mm/s



h:m:s

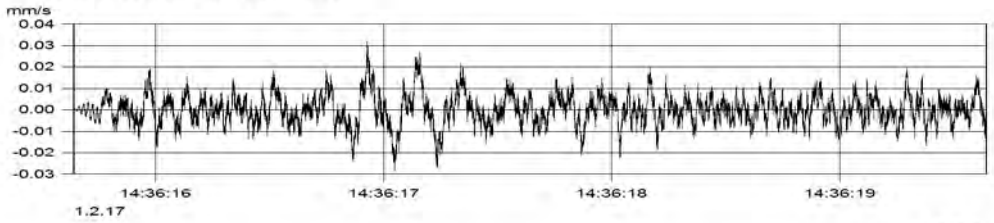
MP3.2 (Kanal\_004) v(max) = 0.065 mm/s



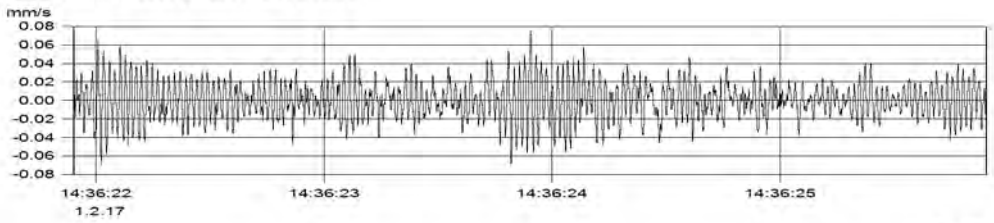
h:m:s

2017-02-01 14:35-33 (17): M8D Ril

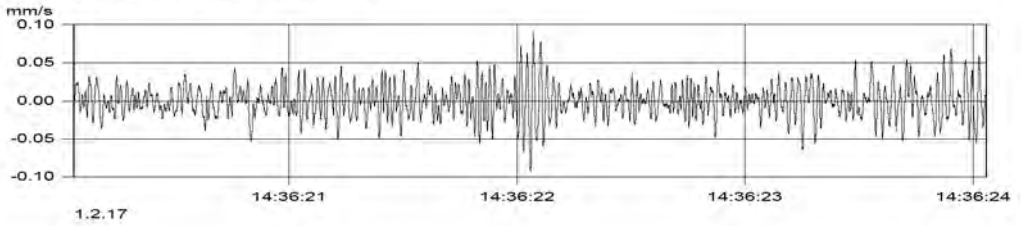
MP1 (Kanal\_001) v(max) = 0.032 mm/s



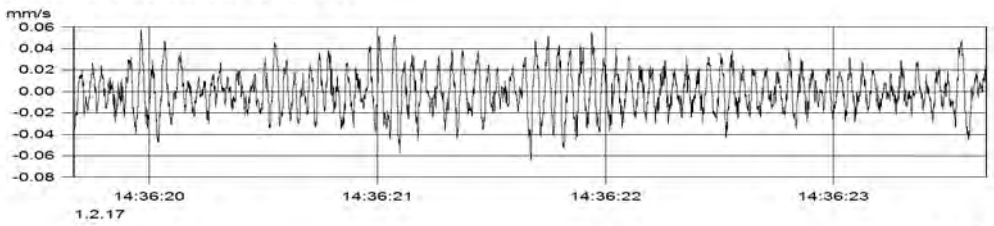
MP2.1 (Kanal\_002) v(max) = 0.076 mm/s



MP3.1 (Kanal\_003) v(max) = 0.093 mm/s

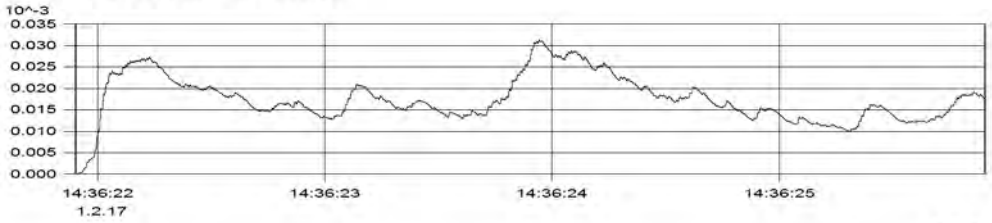


MP3.2 (Kanal\_004) v(max) = 0.065 mm/s



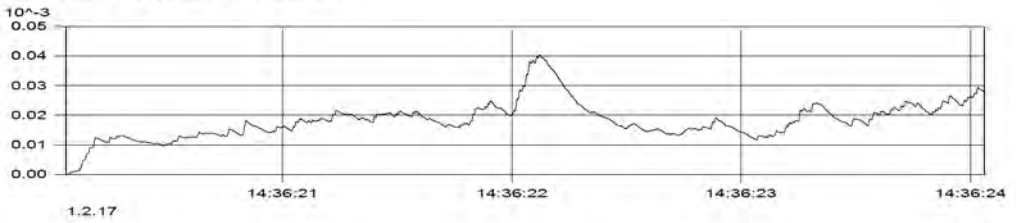
2017-02-01 14:35-33 (17): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.031[-]



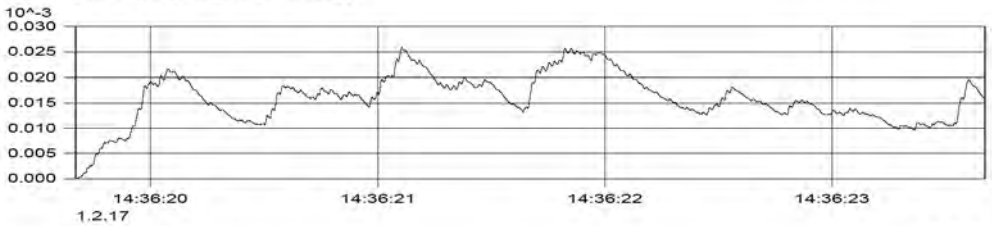
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.040[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.026[-]



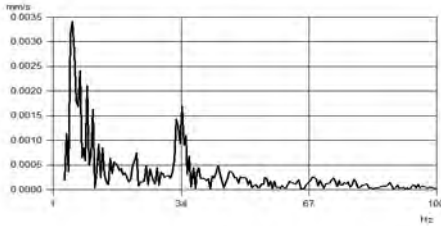
h:m:s

M8D Ril

2017-02-01 14-35-33 (17)

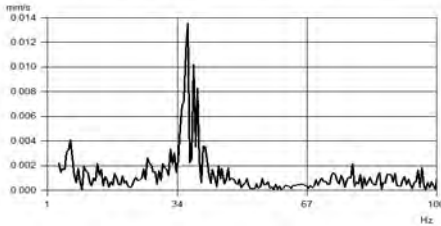
MP1 (Kanal\_001)

$f_e = 5.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



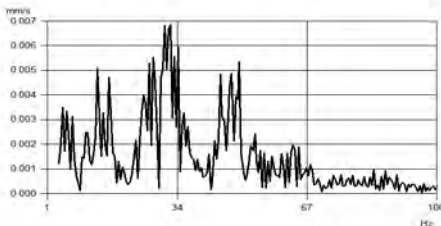
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



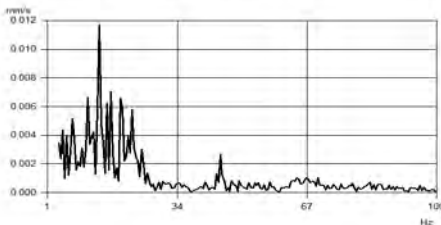
MP3.1 (Kanal\_003)

$f_e = 32.2 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$

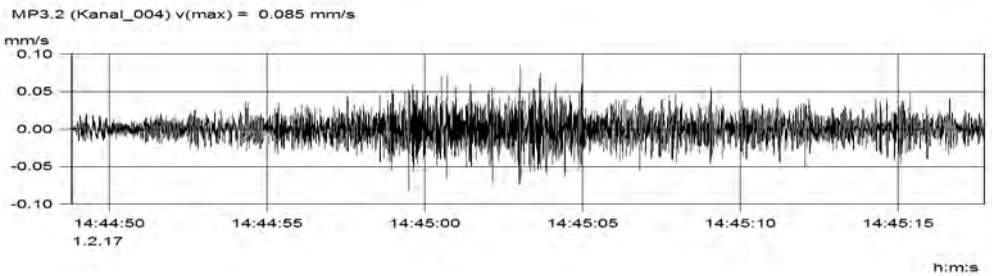
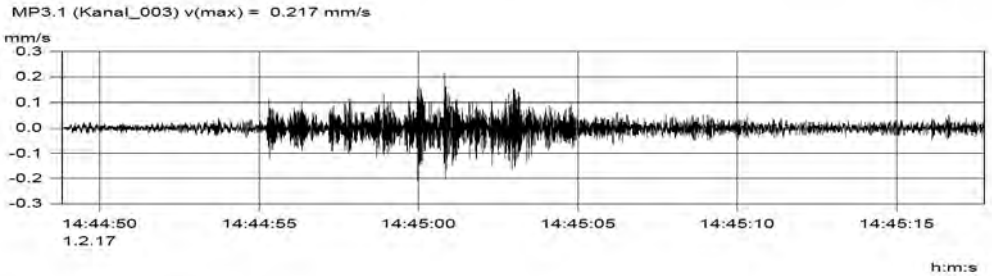
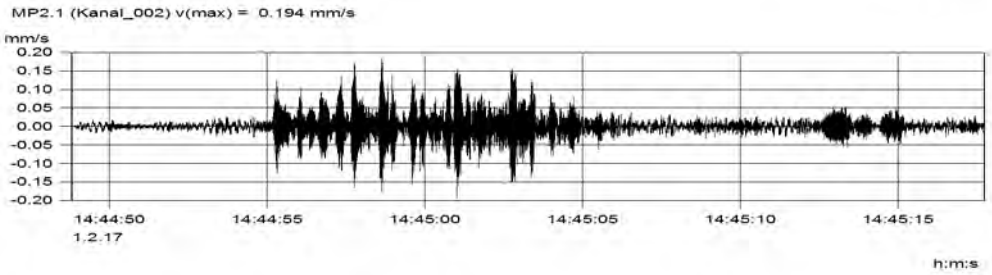
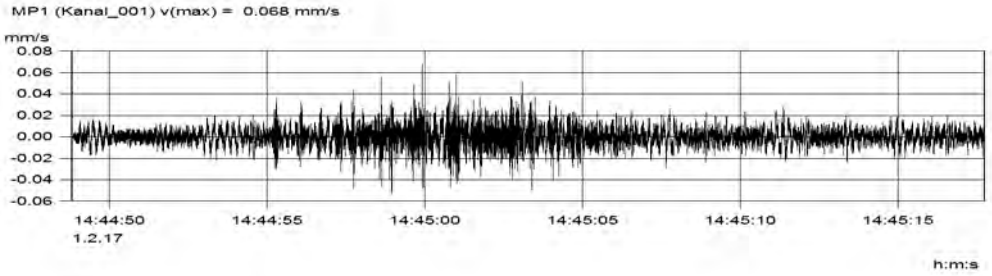


MP3.2 (Kanal\_004)

$f_e = 14.2 \text{ Hz} / v(\text{max}) = 0.012 \text{ mm/s}$

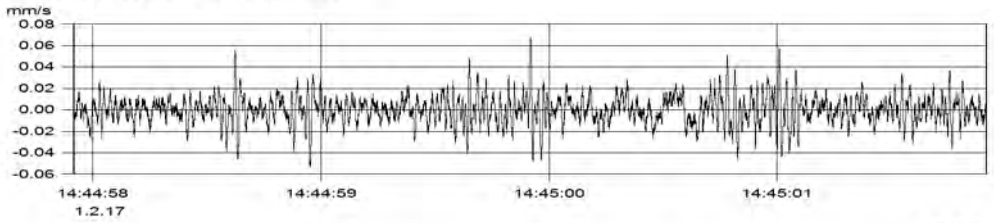


2017-02-01 14-36-36 (18): M8C Rill



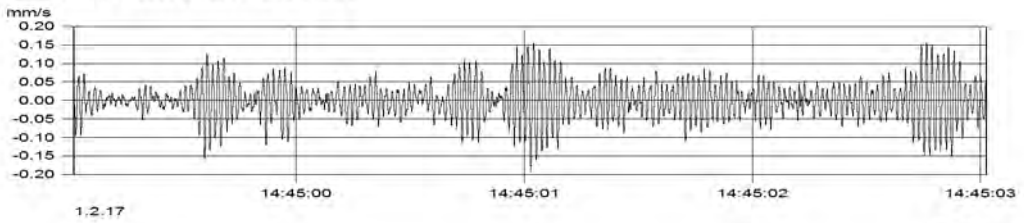
2017-02-01 14-36-36 (18): M8C Rill

MP1 (Kanal\_001) v(max) = 0.068 mm/s



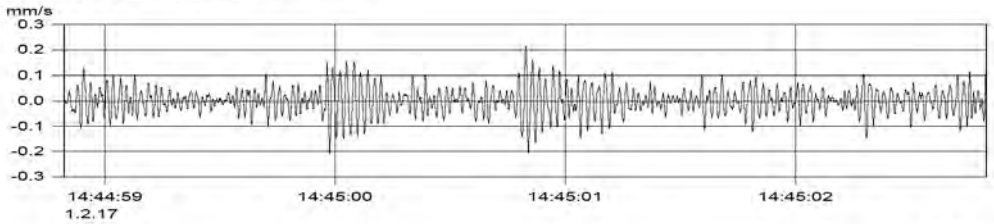
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.194 mm/s



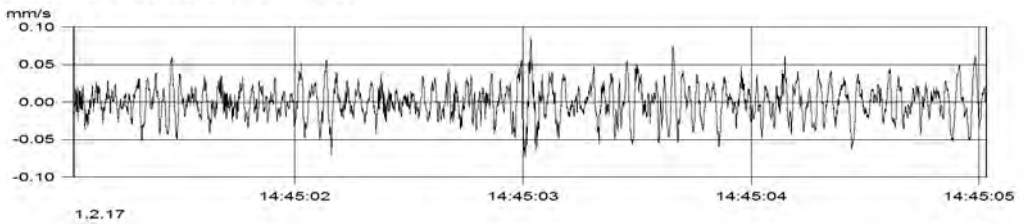
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.217 mm/s



h:m:s

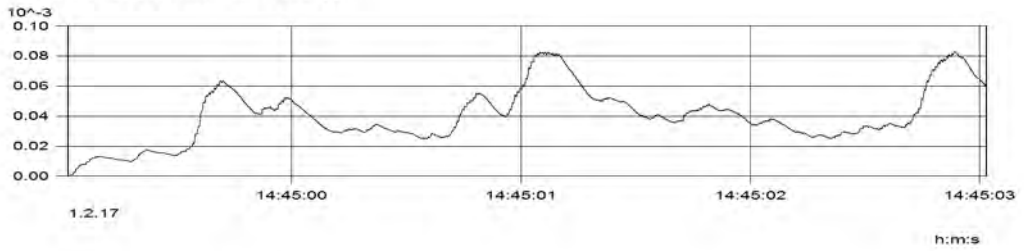
MP3.2 (Kanal\_004) v(max) = 0.085 mm/s



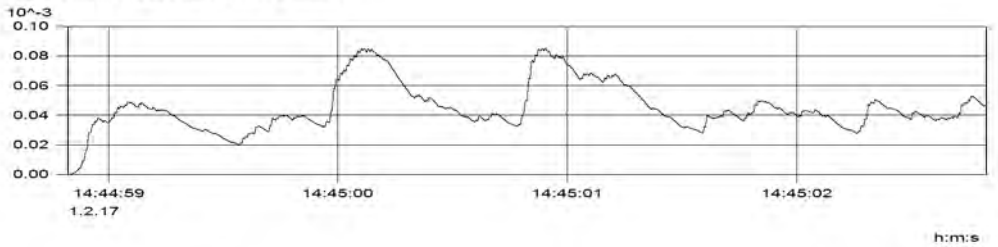
h:m:s

2017-02-01 14:36-36 (18): M8C Rill

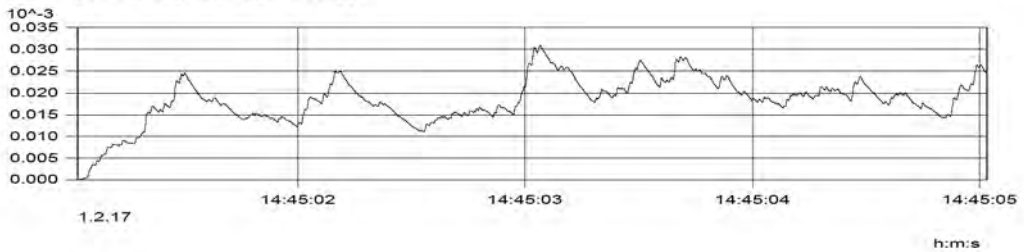
MP2.1 (Kanal\_002) KB(max) = 0.083[-]



MP3.1 (Kanal\_003) KB(max) = 0.085[-]



MP3.2 (Kanal\_004) KB(max) = 0.031[-]



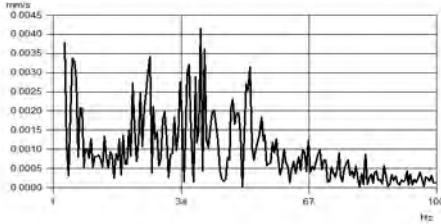


M8C Rill

2017-02-01 14-36-36 (18)

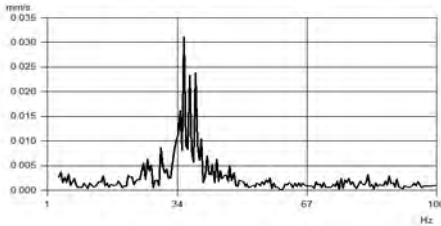
MP1 (Kanal\_001)

$f_e = 39.1 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



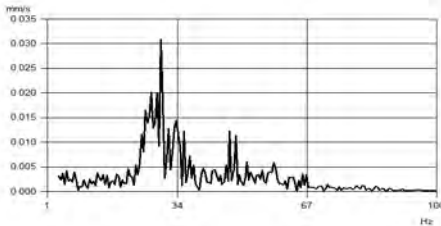
MP2.1 (Kanal\_002)

$f_e = 35.6 \text{ Hz} / v(\text{max}) = 0.031 \text{ mm/s}$



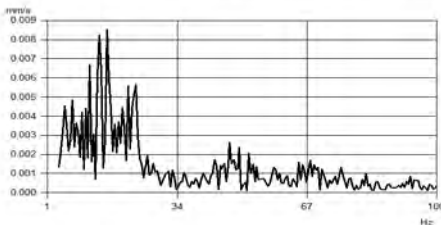
MP3.1 (Kanal\_003)

$f_e = 29.8 \text{ Hz} / v(\text{max}) = 0.031 \text{ mm/s}$



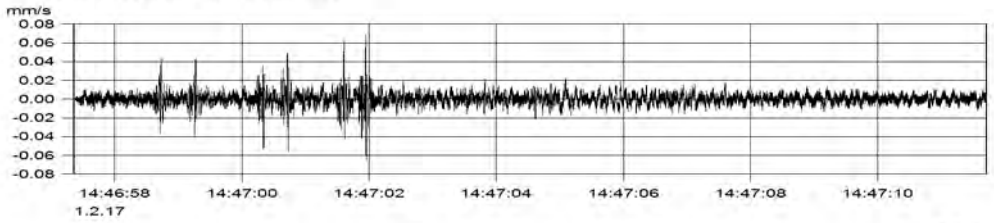
MP3.2 (Kanal\_004)

$f_e = 16.1 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$

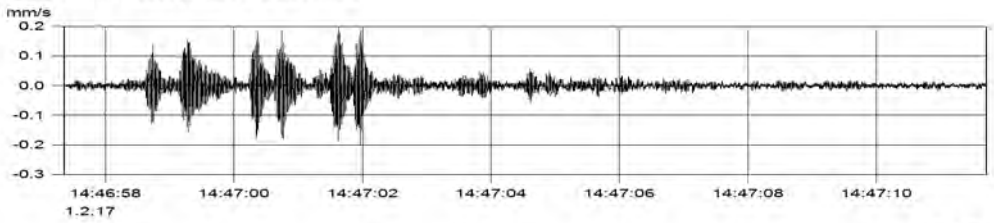


2017-02-01 14:45-19 (19): M8D Ril

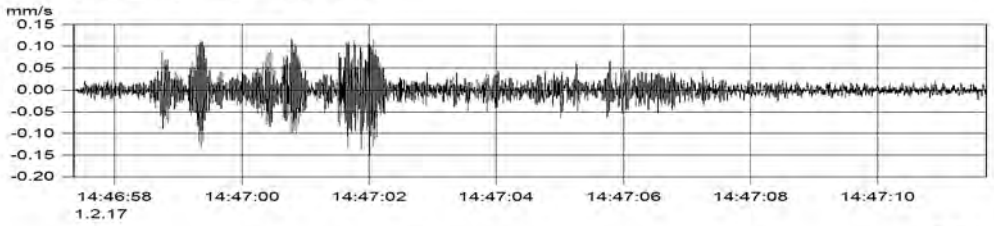
MP1 (Kanal\_001) v(max) = 0.068 mm/s



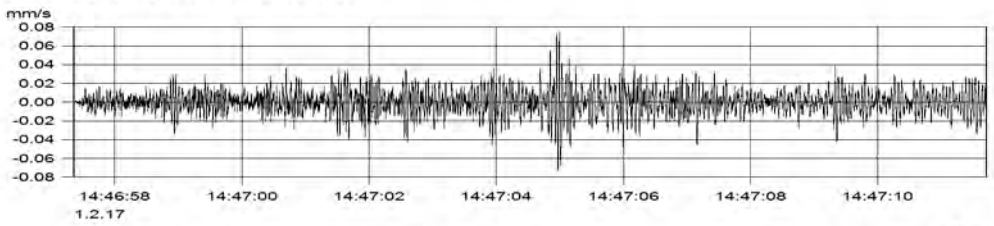
MP2.1 (Kanal\_002) v(max) = 0.201 mm/s



MP3.1 (Kanal\_003) v(max) = 0.167 mm/s

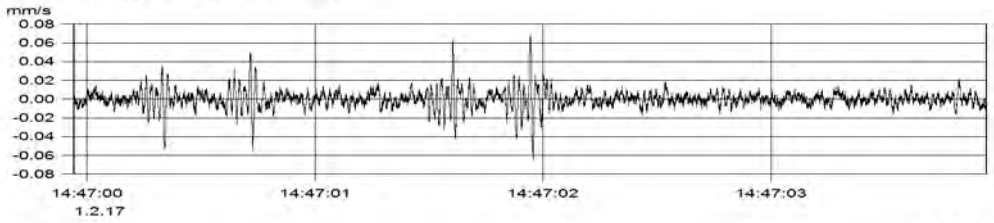


MP3.2 (Kanal\_004) v(max) = 0.075 mm/s

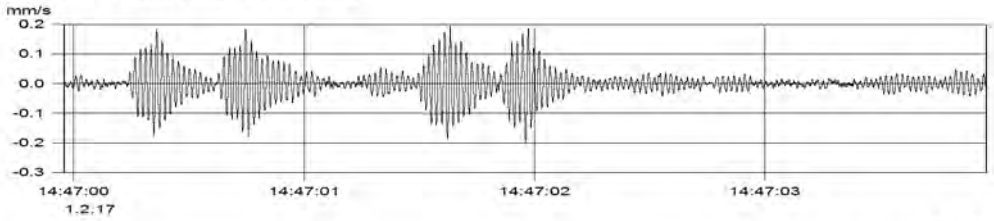


2017-02-01 14:45-19 (19): M8D Ril

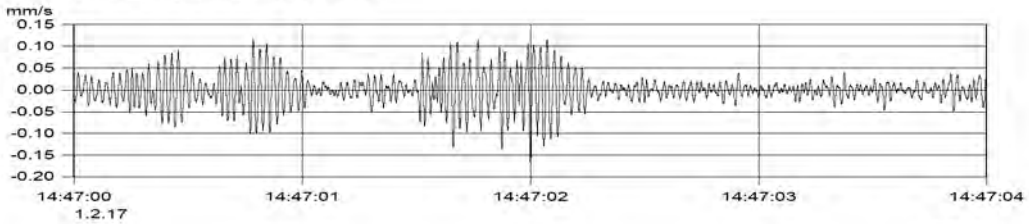
MP1 (Kanal\_001) v(max) = 0.068 mm/s



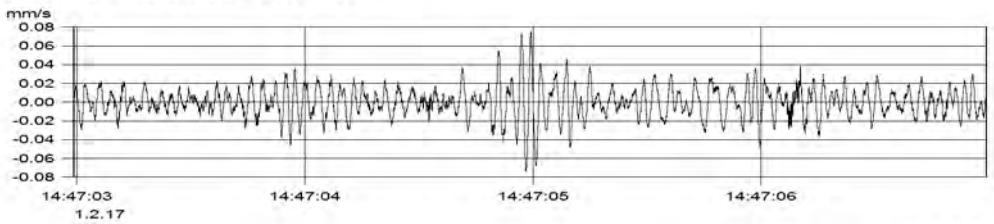
MP2.1 (Kanal\_002) v(max) = 0.201 mm/s



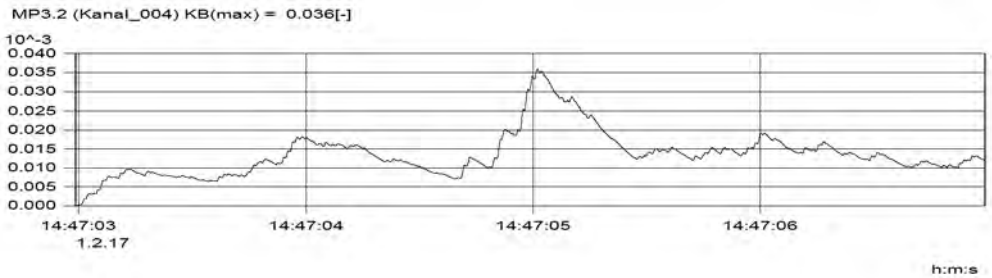
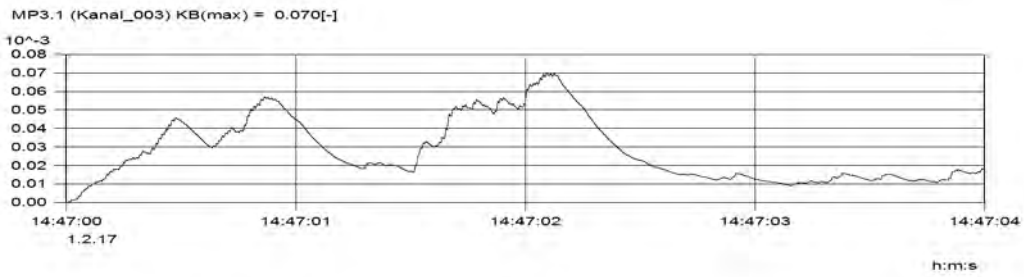
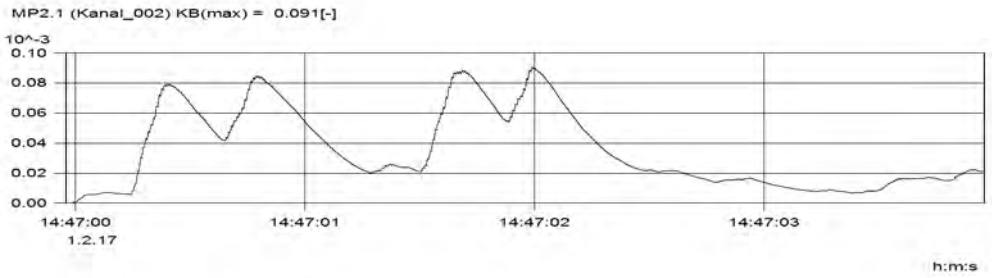
MP3.1 (Kanal\_003) v(max) = 0.167 mm/s



MP3.2 (Kanal\_004) v(max) = 0.075 mm/s



2017-02-01 14:45-19 (19): M8D Ril

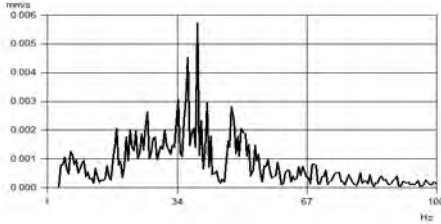


M8D Ril

2017-02-01 14-45-19 (19)

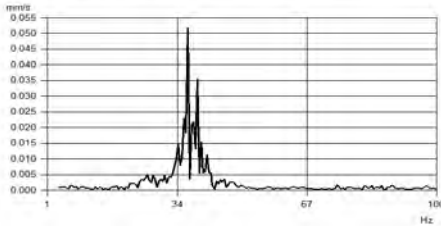
MP1 (Kanal\_001)

$f_e = 39.1 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



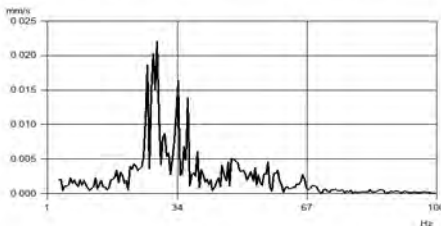
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.052 \text{ mm/s}$



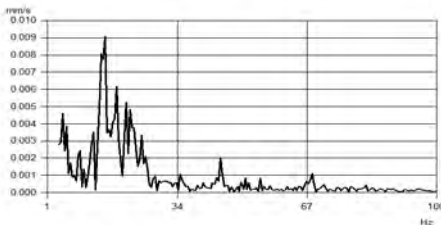
MP3.1 (Kanal\_003)

$f_e = 28.8 \text{ Hz} / v(\text{max}) = 0.022 \text{ mm/s}$

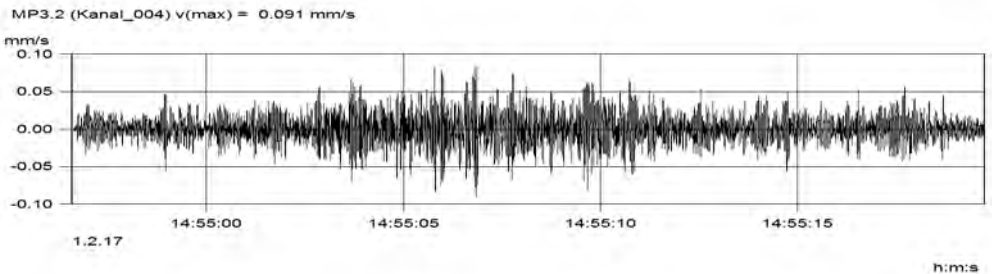
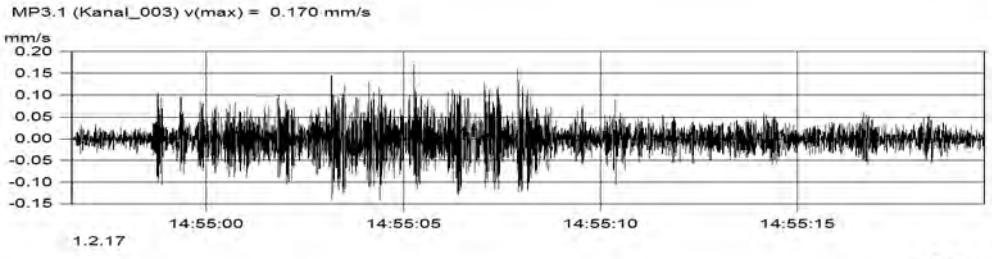
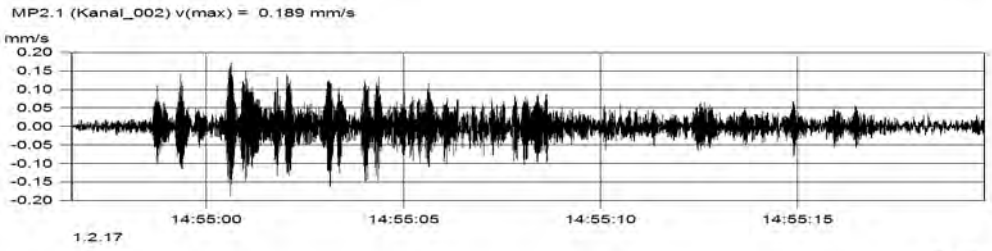
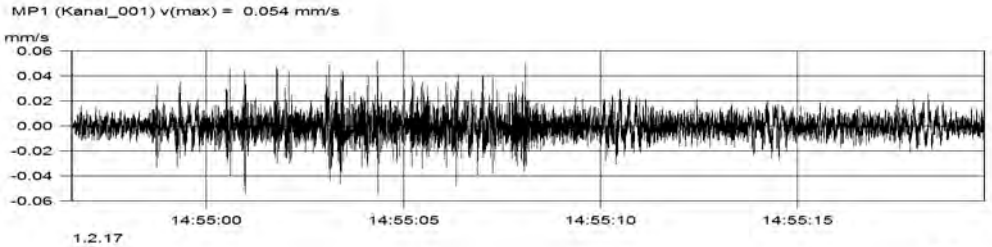


MP3.2 (Kanal\_004)

$f_e = 15.6 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$

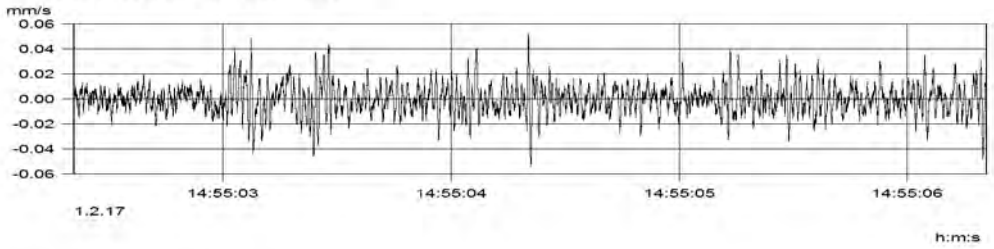


2017-02-01 14:47-44 (20): M8D 3fach Rill

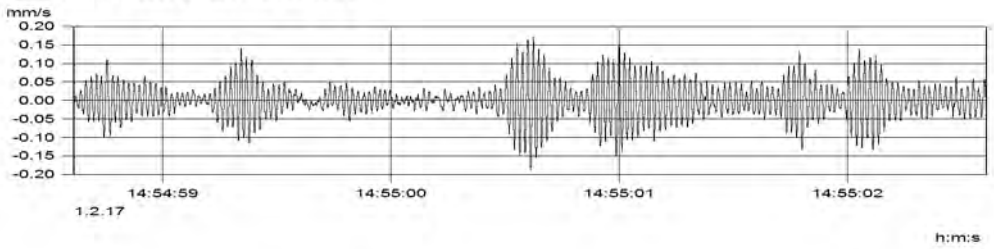


2017-02-01 14:47-44 (20): M8D 3fach Rill

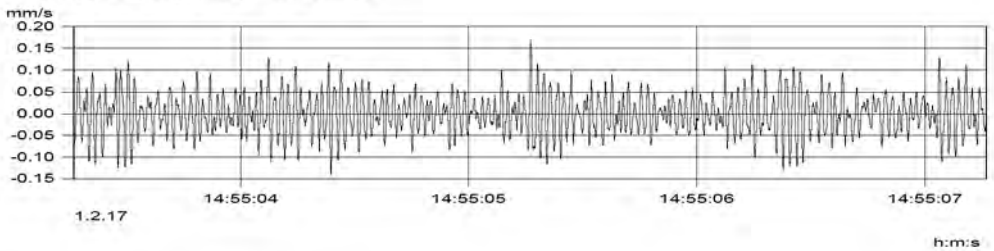
MP1 (Kanal\_001) v(max) = 0.054 mm/s



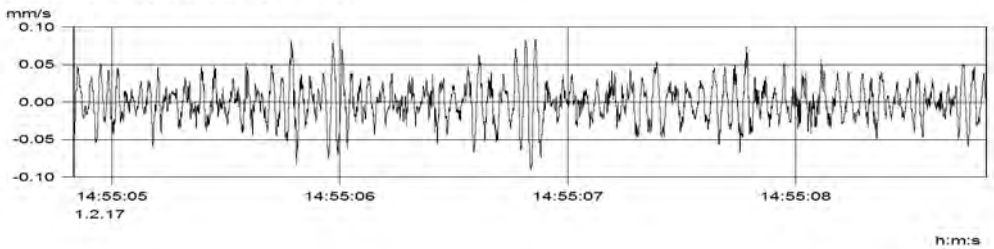
MP2.1 (Kanal\_002) v(max) = 0.189 mm/s



MP3.1 (Kanal\_003) v(max) = 0.170 mm/s



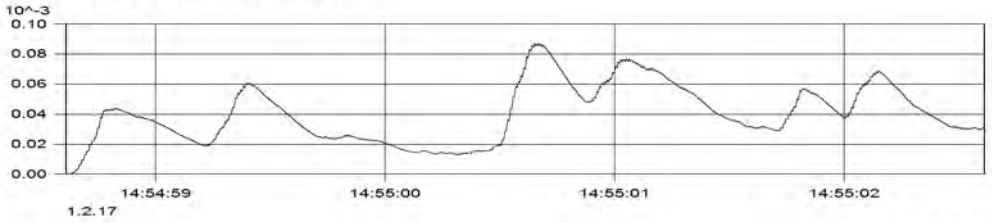
MP3.2 (Kanal\_004) v(max) = 0.091 mm/s



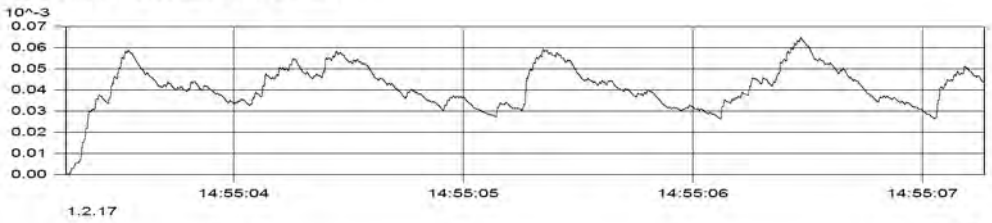


2017-02-01 14:47-44 (20): M8D 3fach Rill

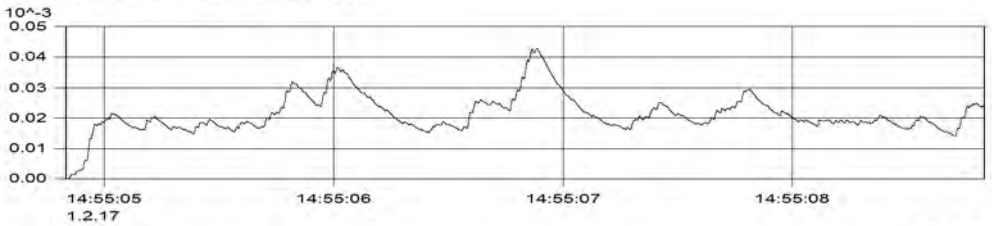
MP2.1 (Kanal\_002) KB(max) = 0.087[-]



MP3.1 (Kanal\_003) KB(max) = 0.065[-]



MP3.2 (Kanal\_004) KB(max) = 0.043[-]

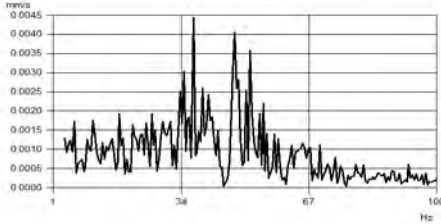


M8D 3fach Rill

2017-02-01 14-47-44 (20)

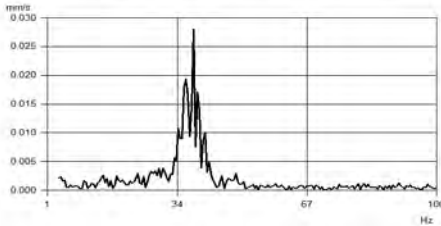
MP1 (Kanal\_001)

$f_e = 37.1 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



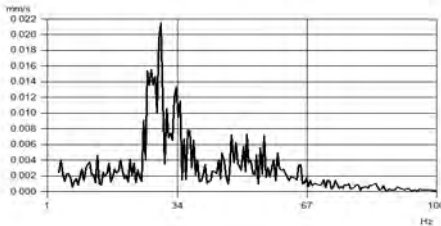
MP2.1 (Kanal\_002)

$f_e = 38.1 \text{ Hz} / v(\text{max}) = 0.028 \text{ mm/s}$



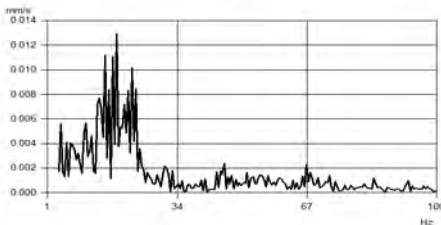
MP3.1 (Kanal\_003)

$f_e = 29.8 \text{ Hz} / v(\text{max}) = 0.022 \text{ mm/s}$



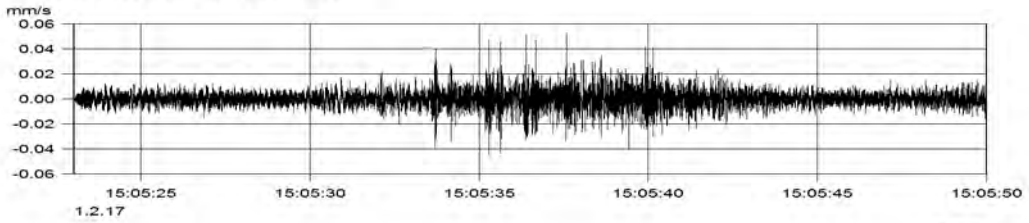
MP3.2 (Kanal\_004)

$f_e = 18.6 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$

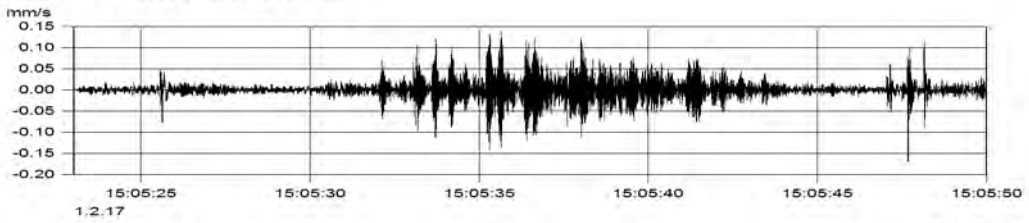


2017-02-01 14-56-39 (21): M8D Rill

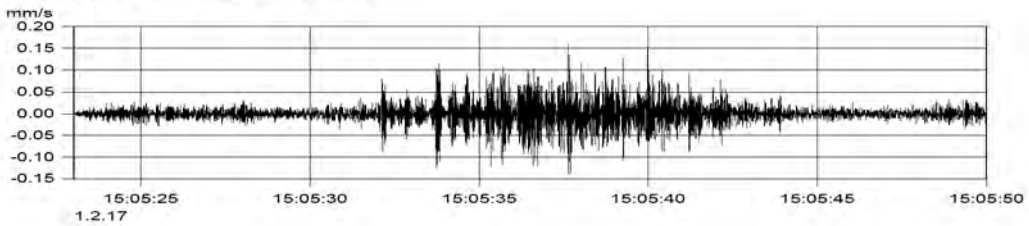
MP1 (Kanal\_001) v(max) = 0.053 mm/s



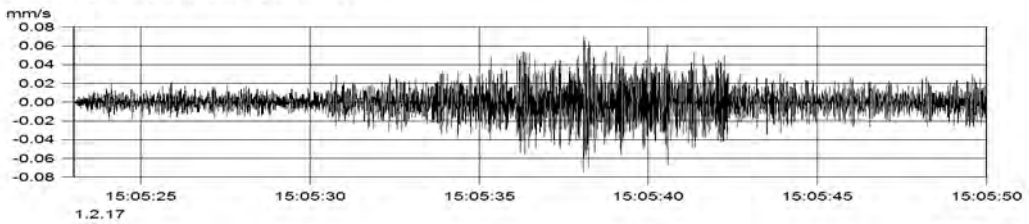
MP2.1 (Kanal\_002) v(max) = 0.171 mm/s



MP3.1 (Kanal\_003) v(max) = 0.159 mm/s

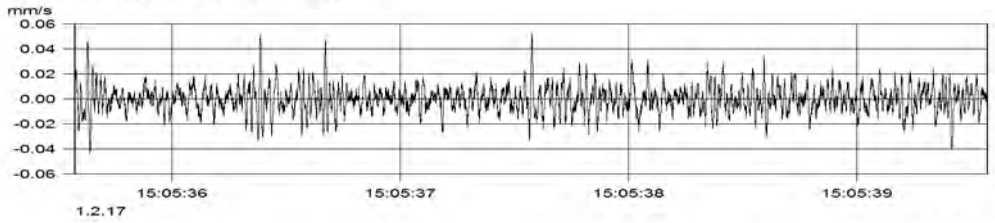


MP3.2 (Kanal\_004) v(max) = 0.074 mm/s

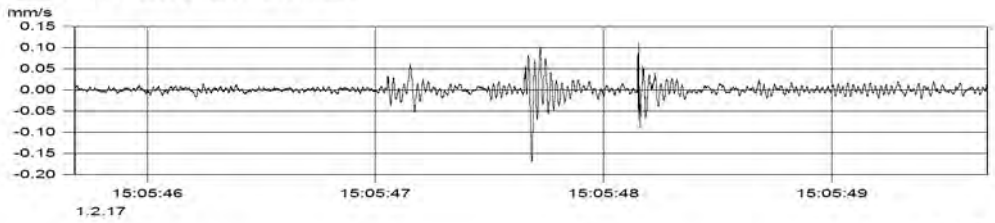


2017-02-01 14-56-39 (21): M8D Rill

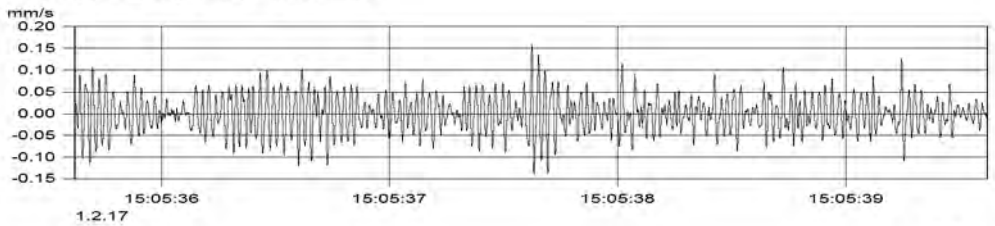
MP1 (Kanal\_001) v(max) = 0.053 mm/s



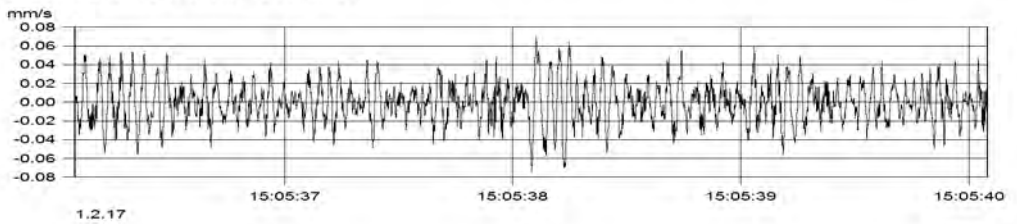
MP2.1 (Kanal\_002) v(max) = 0.171 mm/s



MP3.1 (Kanal\_003) v(max) = 0.159 mm/s

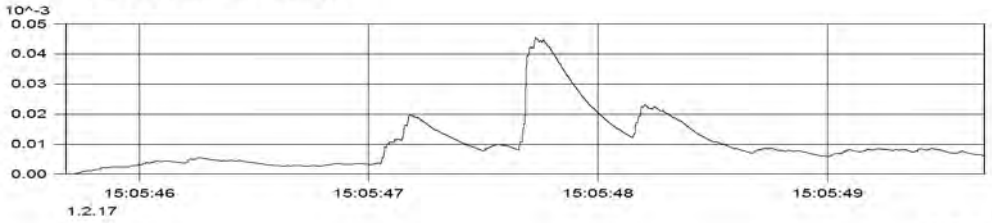


MP3.2 (Kanal\_004) v(max) = 0.074 mm/s



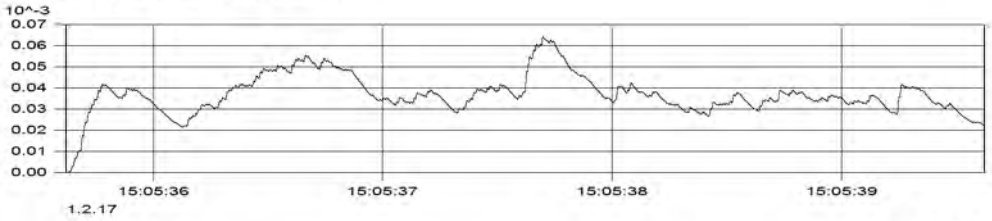
2017-02-01 14-56-39 (21): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.046[-]



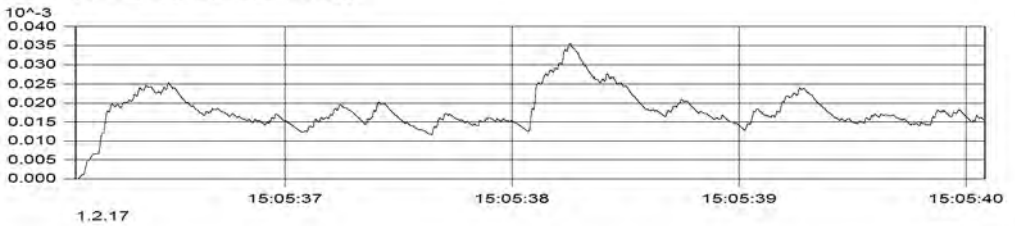
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.064[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.036[-]



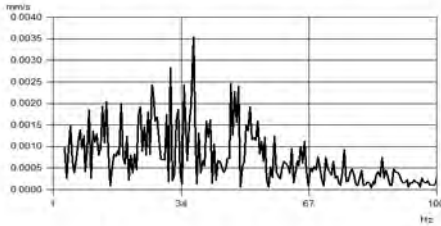
h:m:s

M8D Rill

2017-02-01 14-56-39 (21)

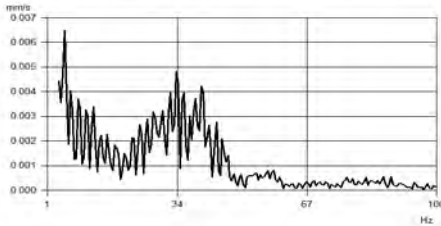
MP1 (Kanal\_001)

$f_e = 37.1 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



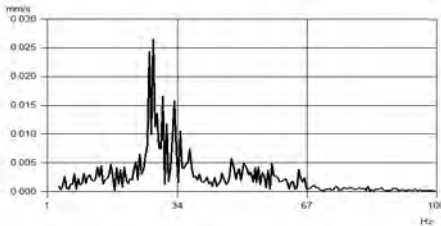
MP2.1 (Kanal\_002)

$f_e = 5.4 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



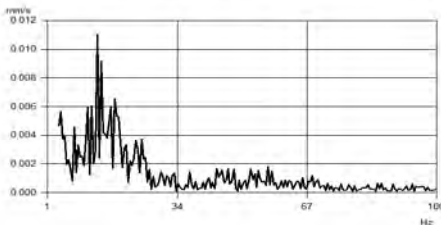
MP3.1 (Kanal\_003)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.026 \text{ mm/s}$

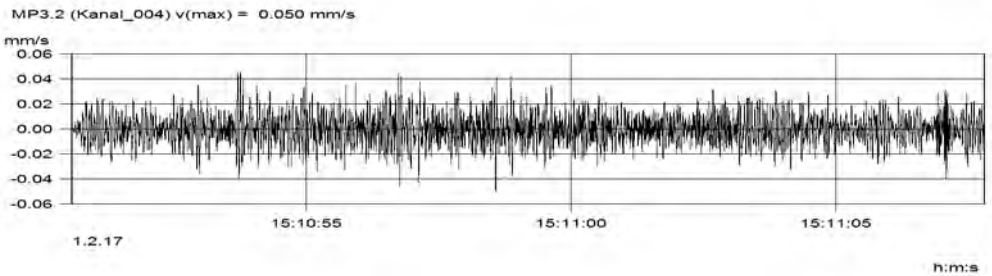
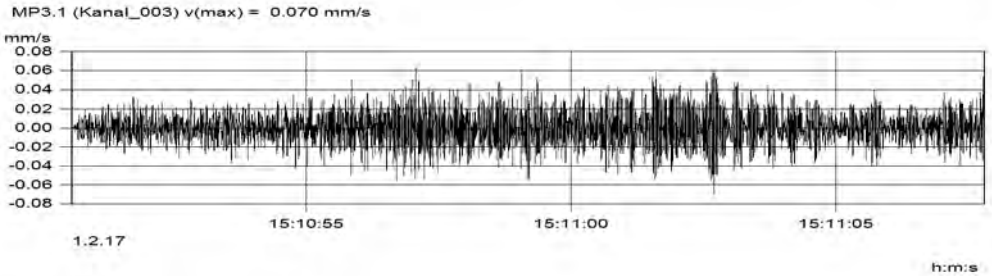
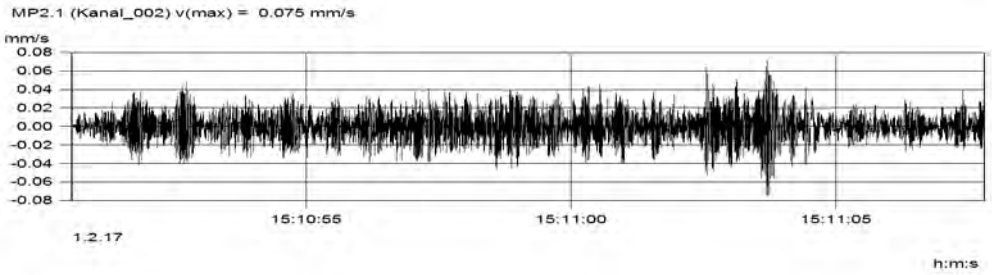
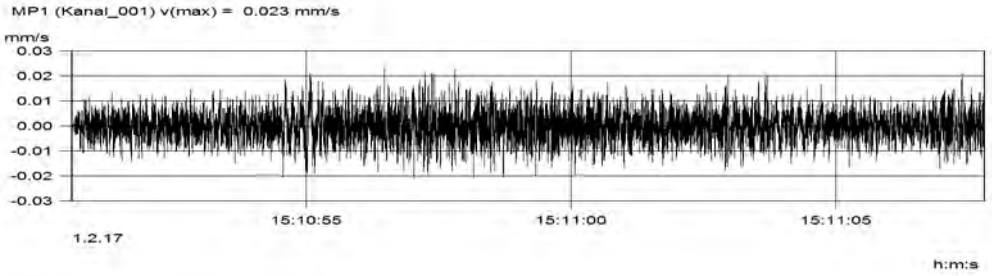


MP3.2 (Kanal\_004)

$f_e = 13.7 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



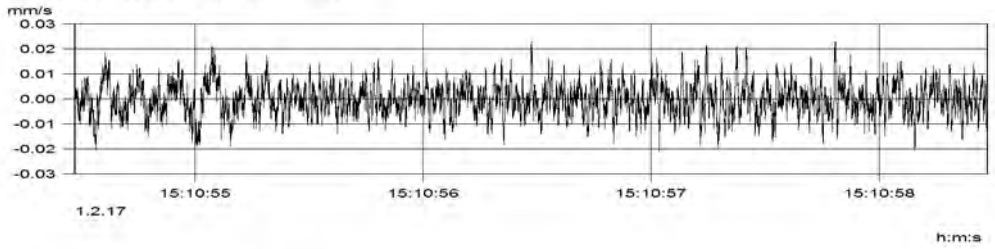
2017-02-01 15-05-53 (22): M8D 3fach Ril



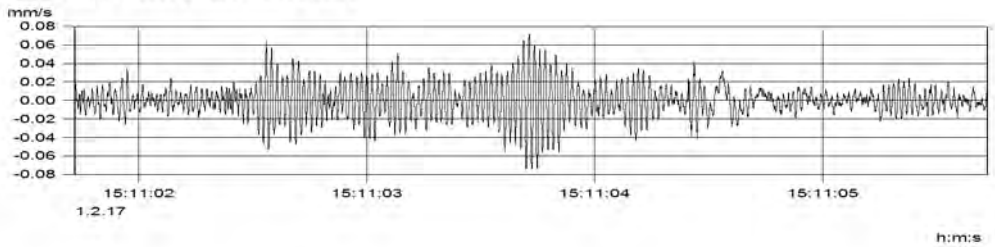


2017-02-01 15:05-53 (22): M8D 3fach Ril

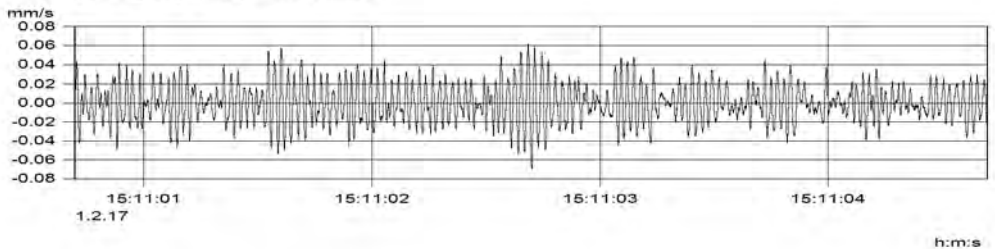
MP1 (Kanal\_001) v(max) = 0.023 mm/s



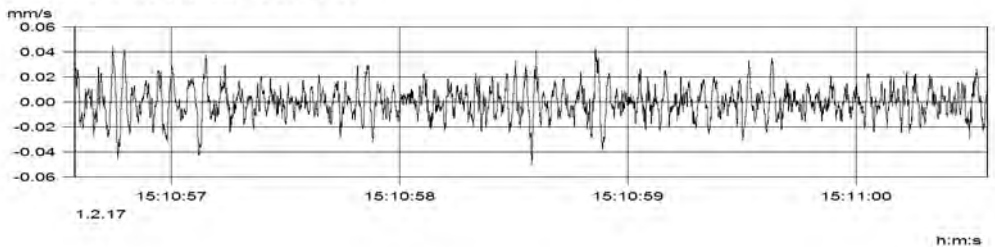
MP2.1 (Kanal\_002) v(max) = 0.075 mm/s



MP3.1 (Kanal\_003) v(max) = 0.070 mm/s

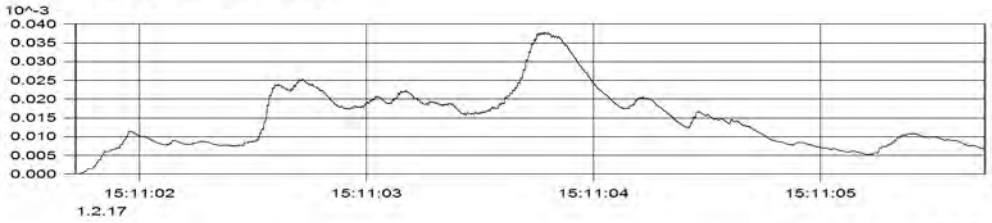


MP3.2 (Kanal\_004) v(max) = 0.050 mm/s



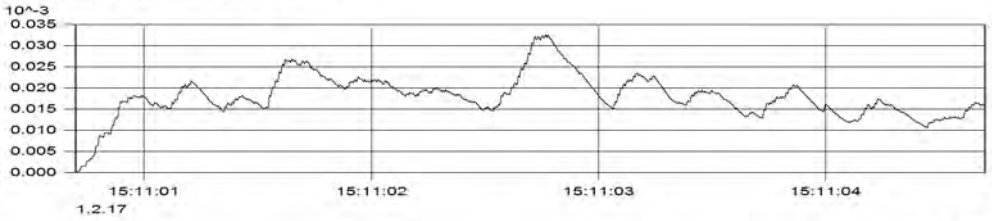
2017-02-01 15:05-53 (22): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.038[-]



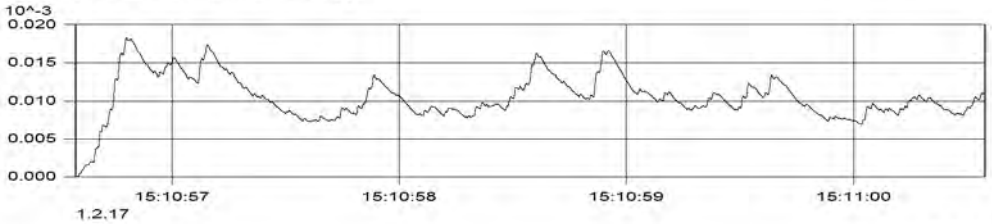
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.033[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.018[-]



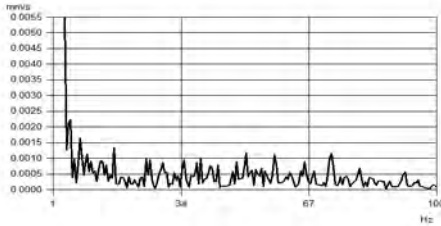
h:m:s

M8D 3fach Ril

2017-02-01 15-05-53 (22)

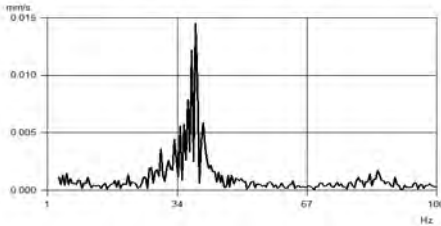
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



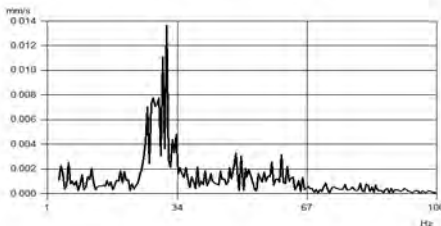
MP2.1 (Kanal\_002)

$f_e = 38.6 \text{ Hz} / v(\text{max}) = 0.015 \text{ mm/s}$



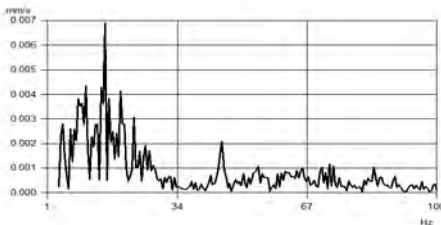
MP3.1 (Kanal\_003)

$f_e = 31.3 \text{ Hz} / v(\text{max}) = 0.014 \text{ mm/s}$



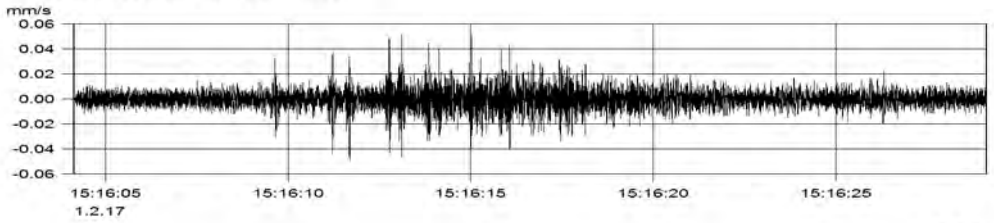
MP3.2 (Kanal\_004)

$f_e = 15.6 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



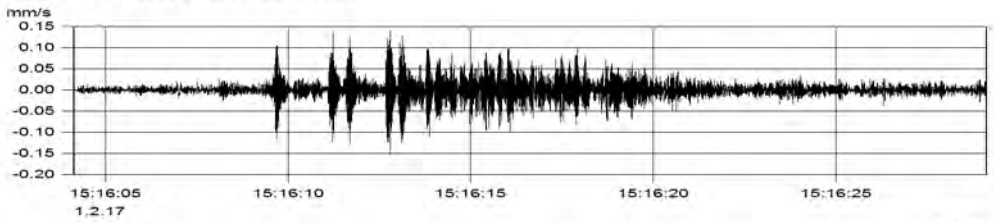
2017-02-01 15-11-16 (23): M8D Rill

MP1 (Kanal\_001) v(max) = 0.052 mm/s



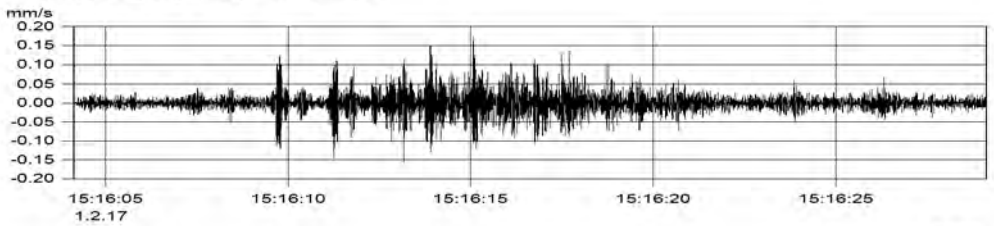
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.152 mm/s



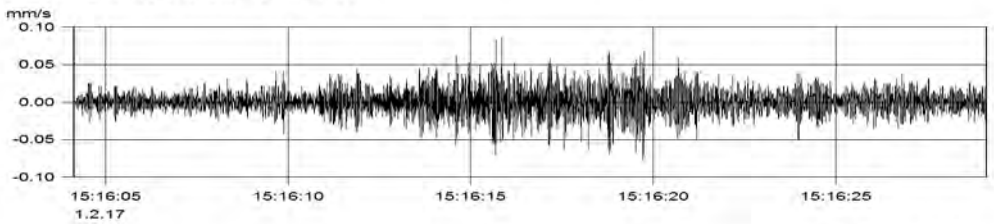
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.172 mm/s



h:m:s

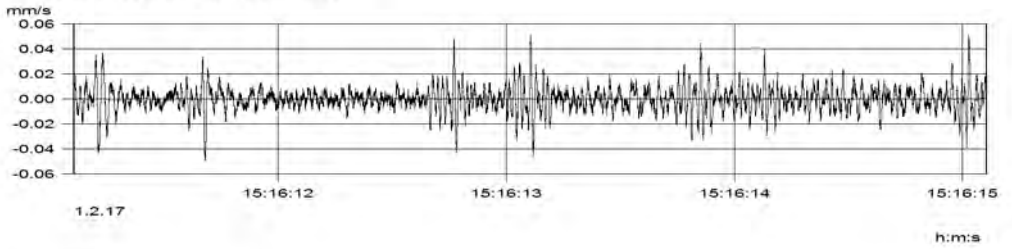
MP3.2 (Kanal\_004) v(max) = 0.087 mm/s



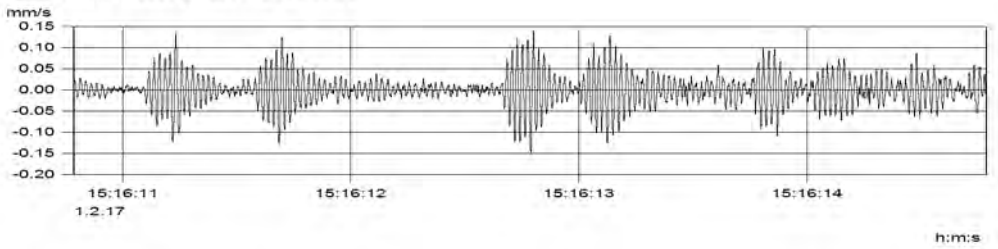
h:m:s

2017-02-01 15-11-16 (23): M8D Rill

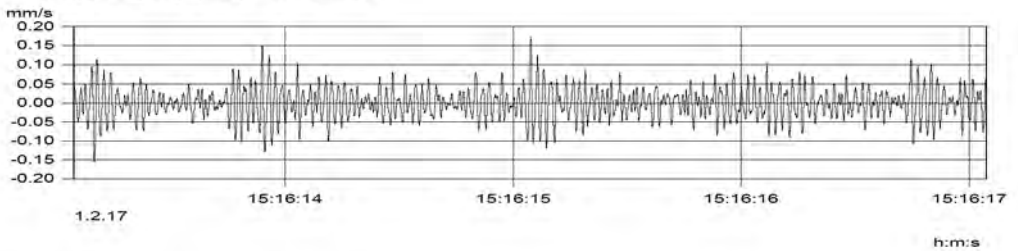
MP1 (Kanal\_001) v(max) = 0.052 mm/s



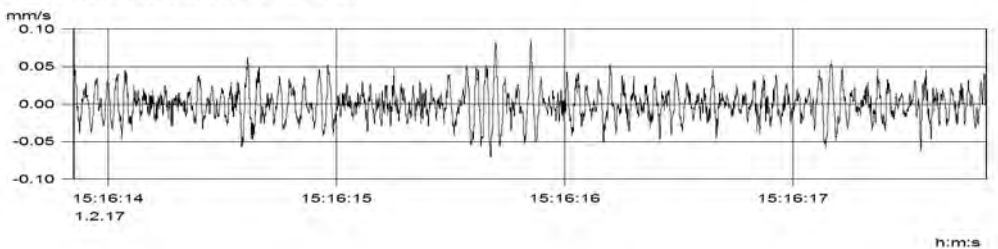
MP2.1 (Kanal\_002) v(max) = 0.152 mm/s



MP3.1 (Kanal\_003) v(max) = 0.172 mm/s

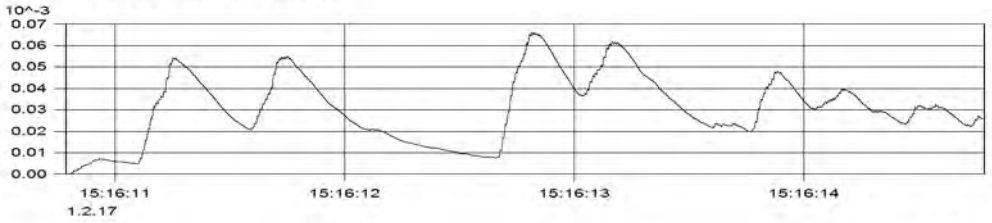


MP3.2 (Kanal\_004) v(max) = 0.087 mm/s



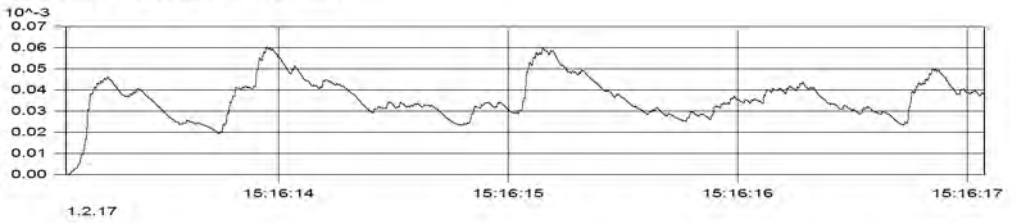
2017-02-01 15:11-16 (23): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.066[-]



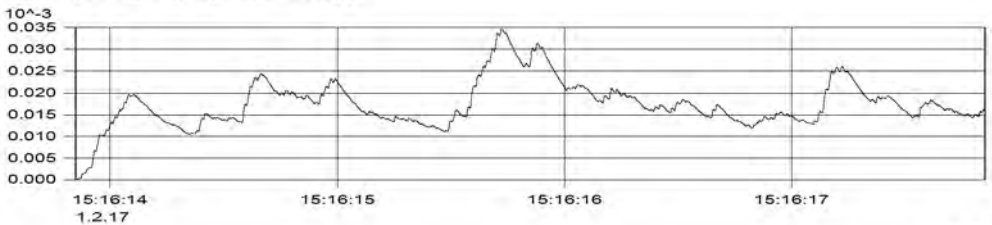
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.060[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.035[-]



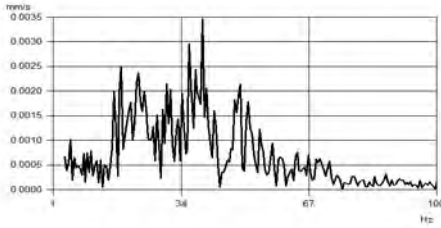
h:m:s

M8D Rill

2017-02-01 15-11-16 (23)

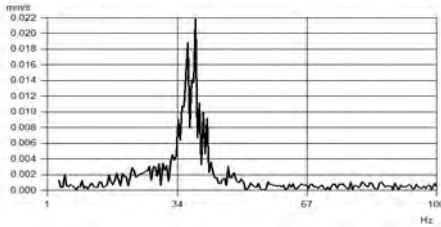
MP1 (Kanal\_001)

$f_e = 39.6 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



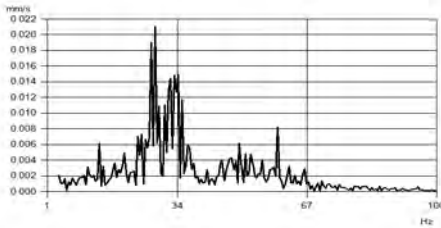
MP2.1 (Kanal\_002)

$f_e = 38.6 \text{ Hz} / v(\text{max}) = 0.022 \text{ mm/s}$



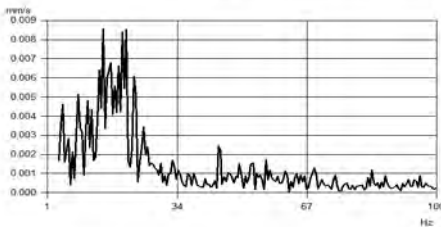
MP3.1 (Kanal\_003)

$f_e = 28.3 \text{ Hz} / v(\text{max}) = 0.021 \text{ mm/s}$



MP3.2 (Kanal\_004)

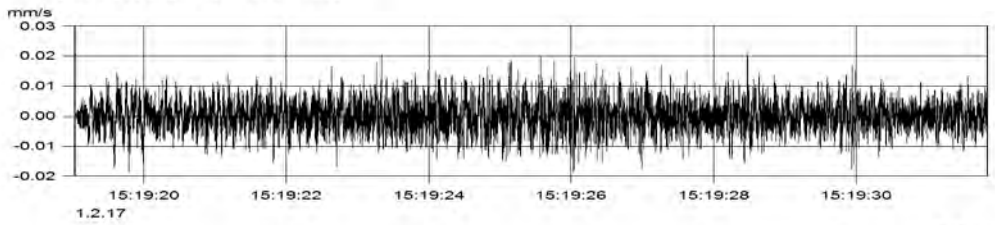
$f_e = 15.1 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



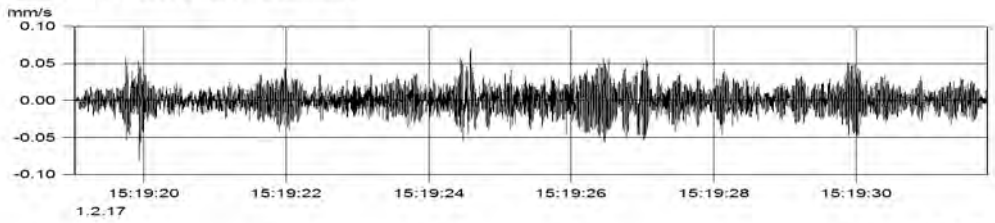


2017-02-01 15-16-42 (24): M8D Ril

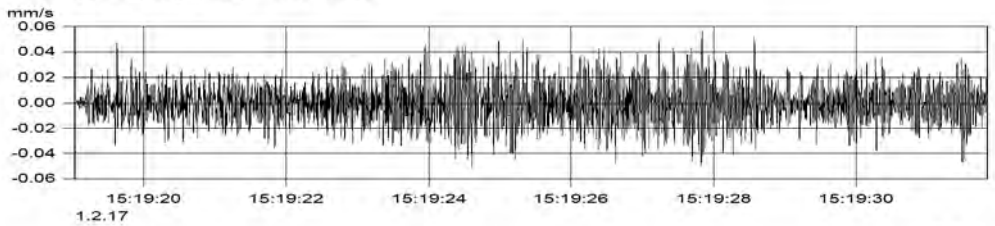
MP1 (Kanal\_001) v(max) = 0.021 mm/s



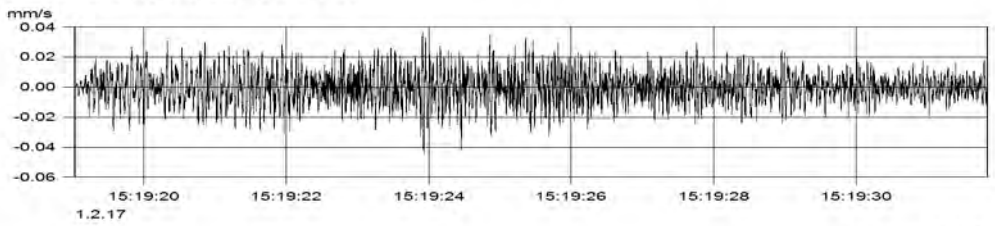
MP2.1 (Kanal\_002) v(max) = 0.081 mm/s



MP3.1 (Kanal\_003) v(max) = 0.057 mm/s

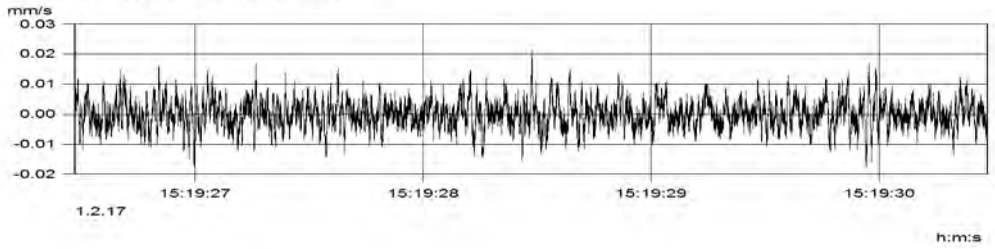


MP3.2 (Kanal\_004) v(max) = 0.045 mm/s

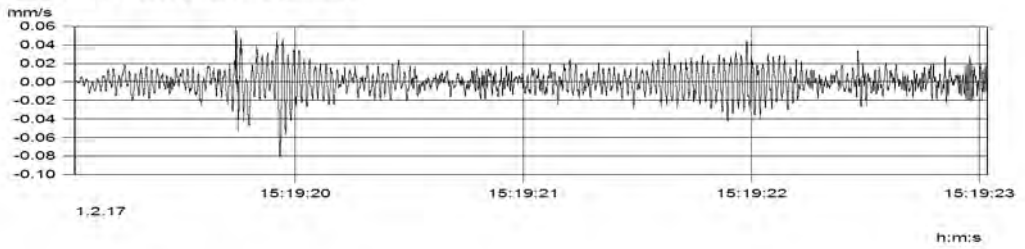


2017-02-01 15-16-42 (24): M8D Ril

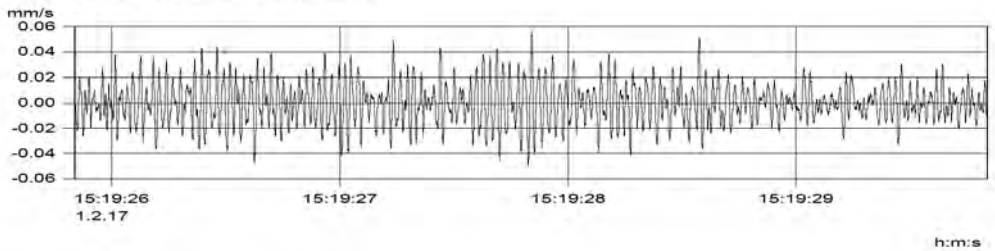
MP1 (Kanal\_001) v(max) = 0.021 mm/s



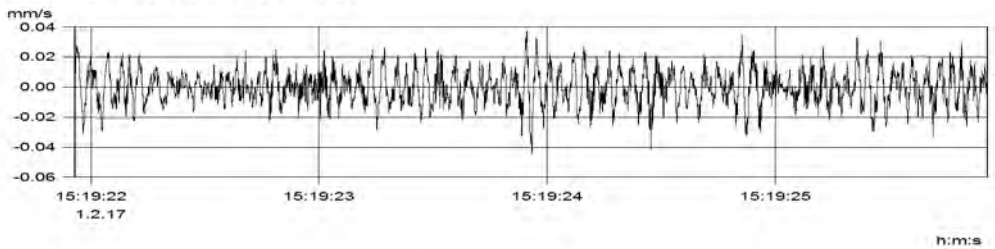
MP2.1 (Kanal\_002) v(max) = 0.081 mm/s



MP3.1 (Kanal\_003) v(max) = 0.057 mm/s

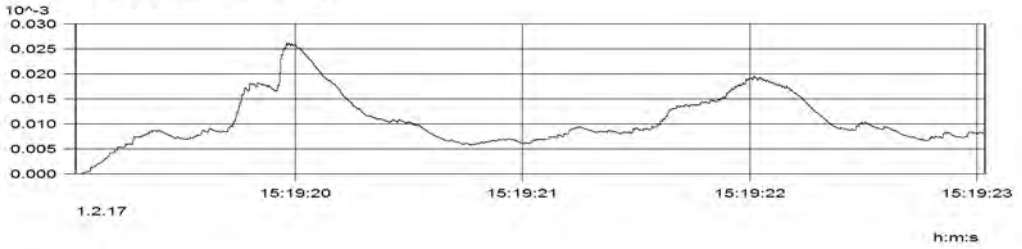


MP3.2 (Kanal\_004) v(max) = 0.045 mm/s

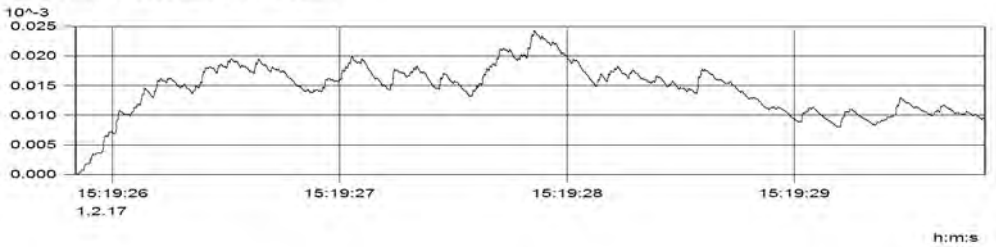


2017-02-01 15-16-42 (24): M8D Ril

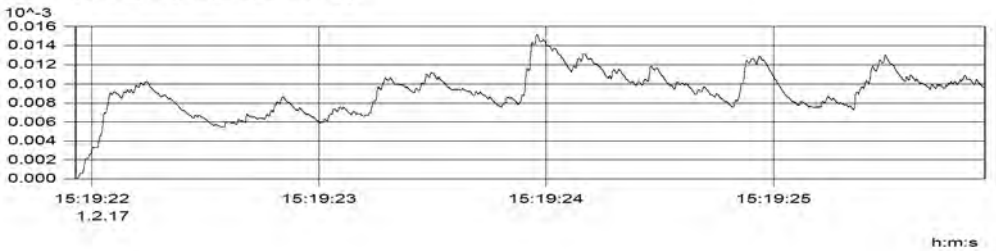
MP2.1 (Kanal\_002) KB(max) = 0.026[-]



MP3.1 (Kanal\_003) KB(max) = 0.024[-]



MP3.2 (Kanal\_004) KB(max) = 0.015[-]

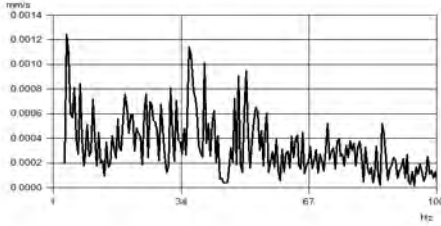


M8D Ril

2017-02-01 15-16-42 (24)

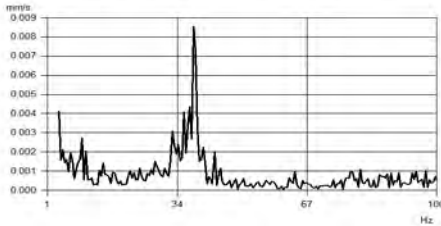
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



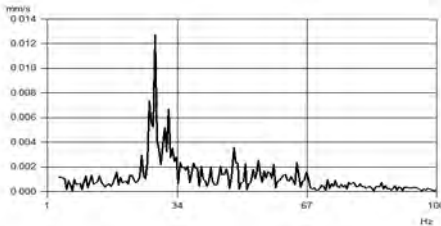
MP2.1 (Kanal\_002)

$f_e = 38.1 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



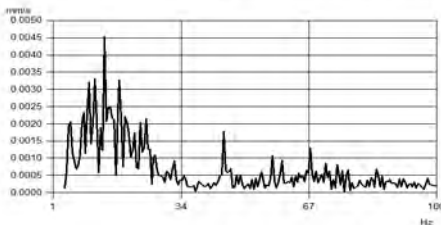
MP3.1 (Kanal\_003)

$f_e = 28.3 \text{ Hz} / v(\text{max}) = 0.013 \text{ mm/s}$

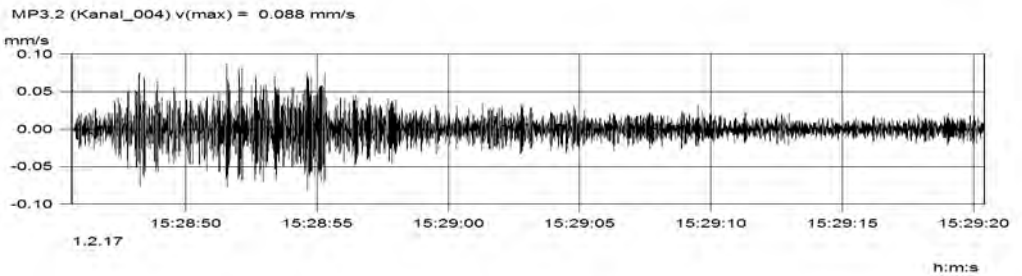
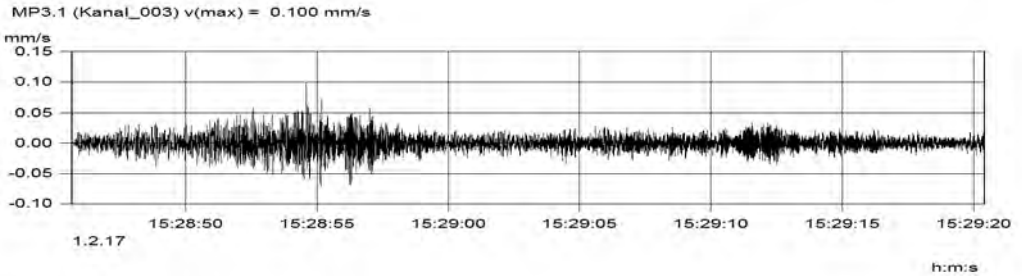
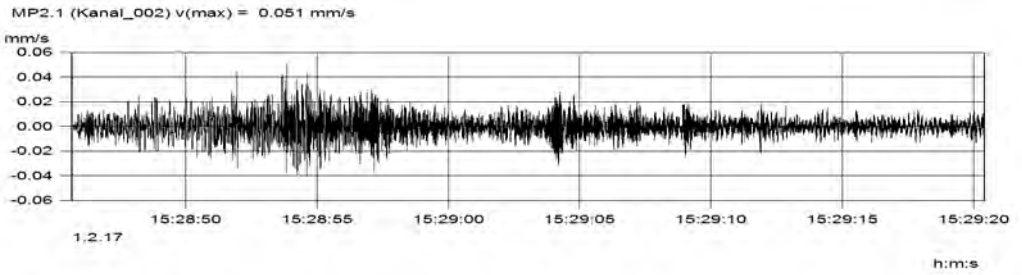
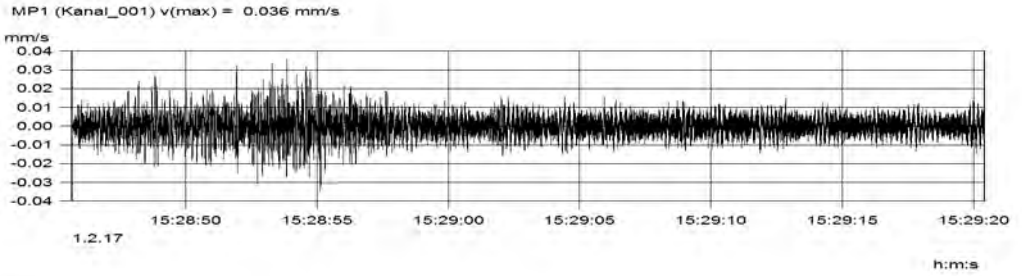


MP3.2 (Kanal\_004)

$f_e = 14.2 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$

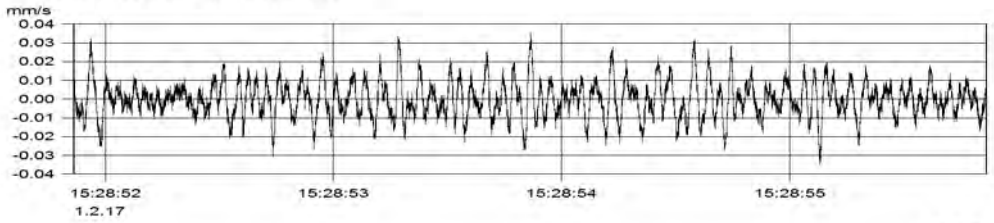


2017-02-01 15:26-07 (1): M8C Ril

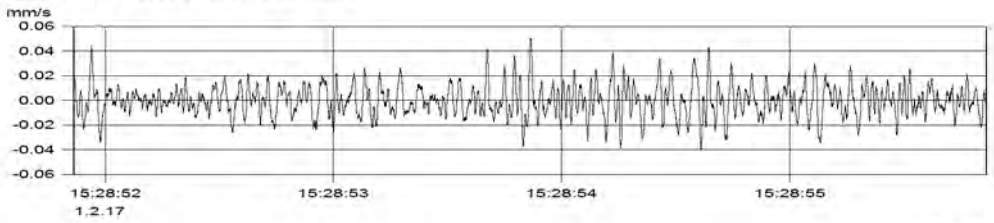


2017-02-01 15:26-07 (1): M8C Ril

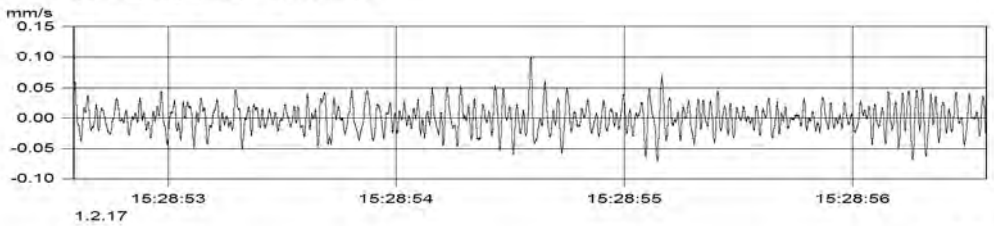
MP1 (Kanal\_001) v(max) = 0.036 mm/s



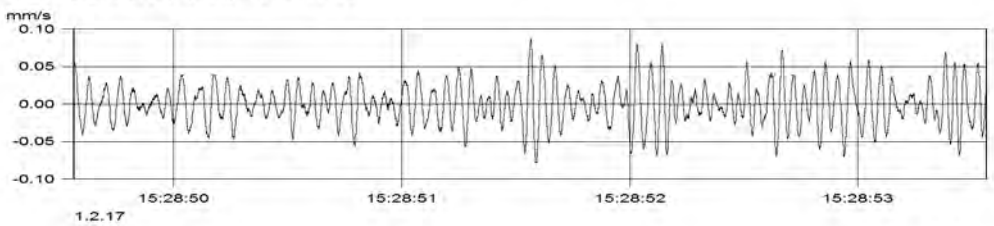
MP2.1 (Kanal\_002) v(max) = 0.051 mm/s



MP3.1 (Kanal\_003) v(max) = 0.100 mm/s

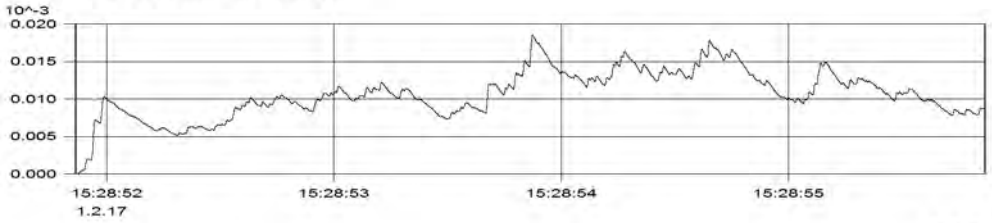


MP3.2 (Kanal\_004) v(max) = 0.088 mm/s



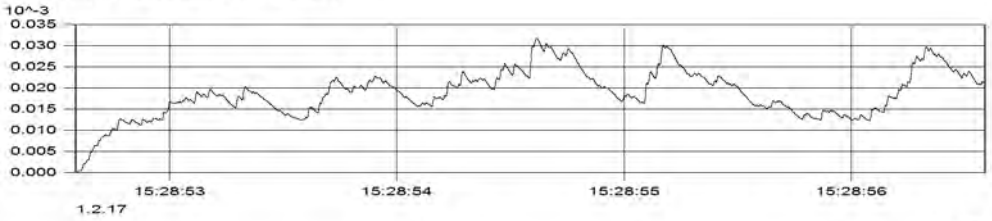
2017-02-01 15:26-07 (1): M8C Ril

MP2.1 (Kanal\_002) KB(max) = 0.019[-]



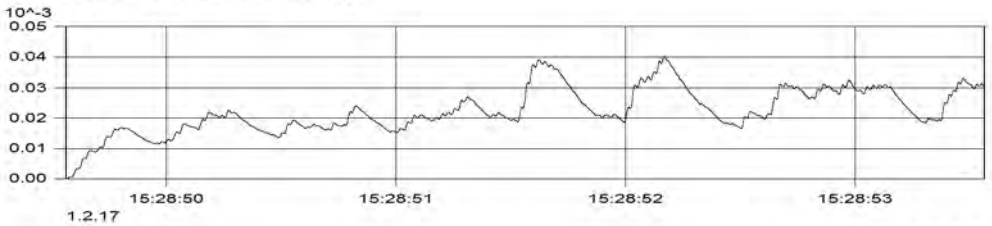
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.032[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.040[-]



h:m:s

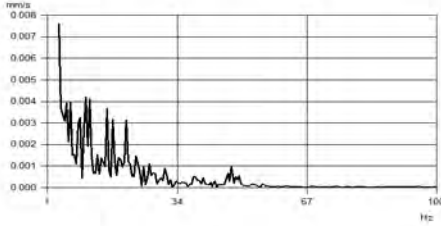


M8C Ril

2017-02-01 15-26-07 (1)

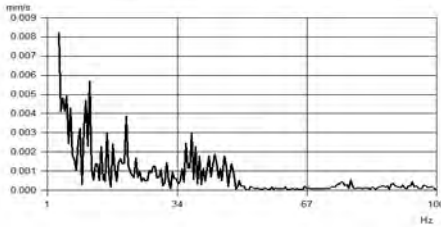
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



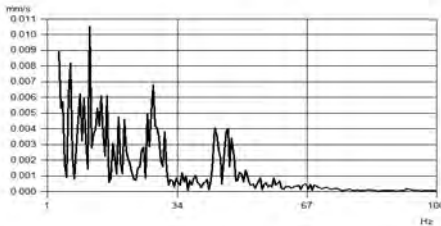
MP2.1 (Kanal\_002)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



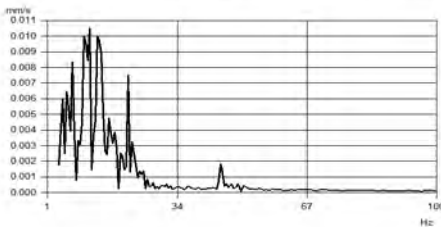
MP3.1 (Kanal\_003)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



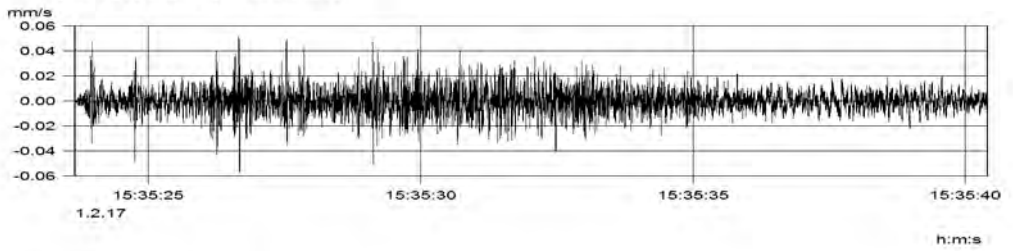
MP3.2 (Kanal\_004)

$f_e = 11.7 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$

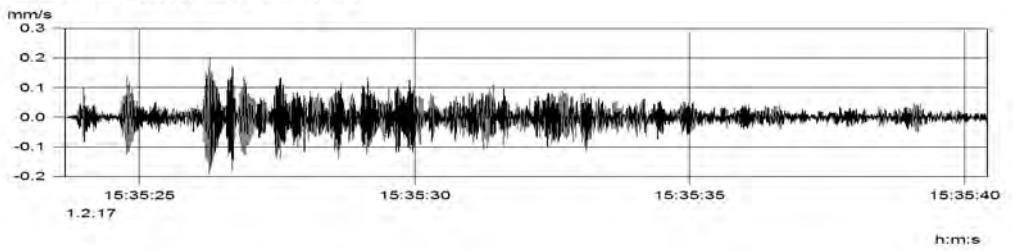


2017-02-01 15:34:25 (2): M8D 3fach Rill

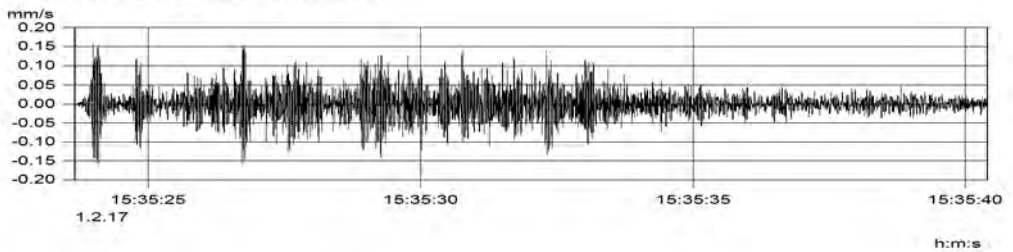
MP1 (Kanal\_001) v(max) = 0.058 mm/s



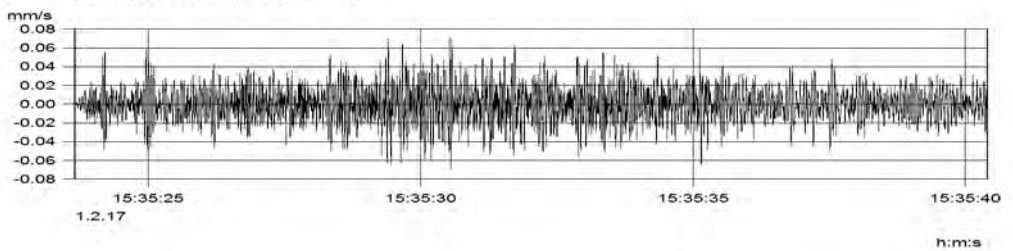
MP2.1 (Kanal\_002) v(max) = 0.202 mm/s



MP3.1 (Kanal\_003) v(max) = 0.158 mm/s

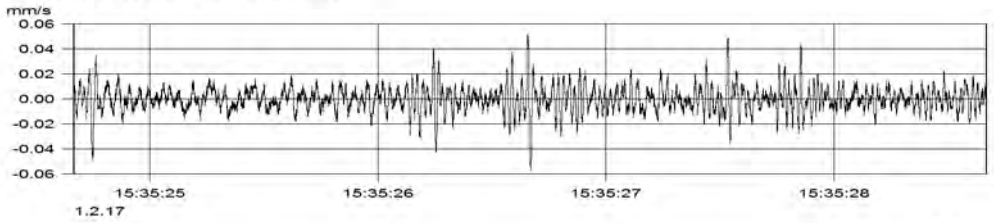


MP3.2 (Kanal\_004) v(max) = 0.071 mm/s

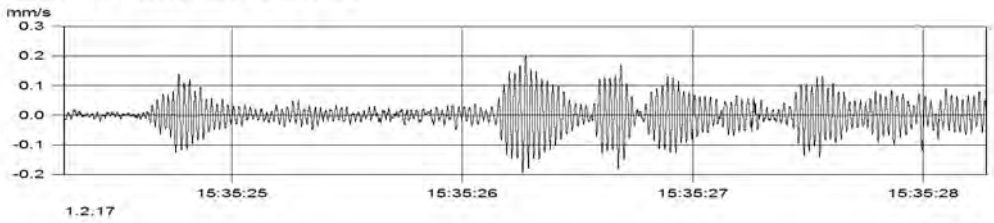


2017-02-01 15:34:25 (2): M8D 3fach Rill

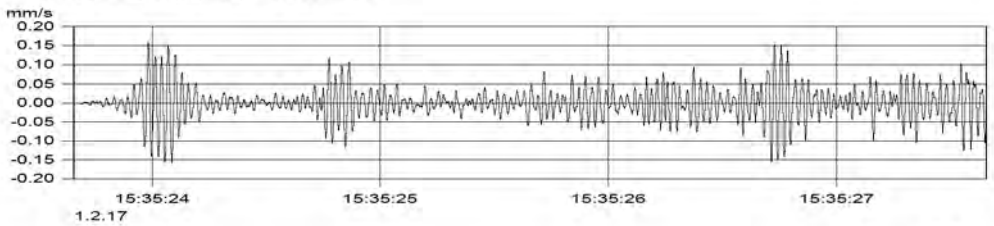
MP1 (Kanal\_001) v(max) = 0.058 mm/s



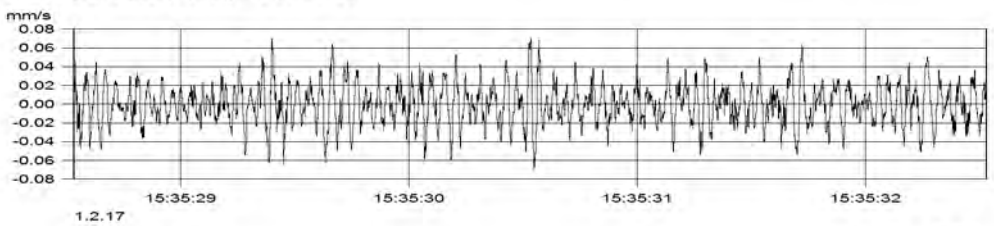
MP2.1 (Kanal\_002) v(max) = 0.202 mm/s



MP3.1 (Kanal\_003) v(max) = 0.158 mm/s

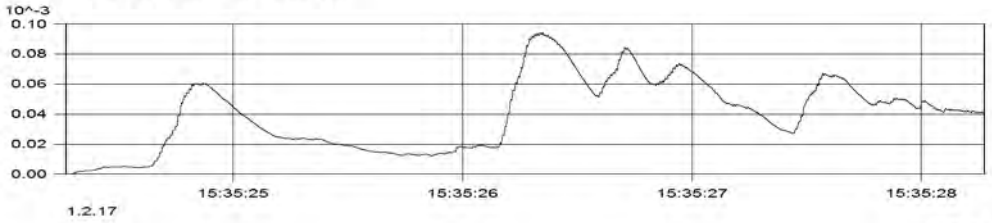


MP3.2 (Kanal\_004) v(max) = 0.071 mm/s



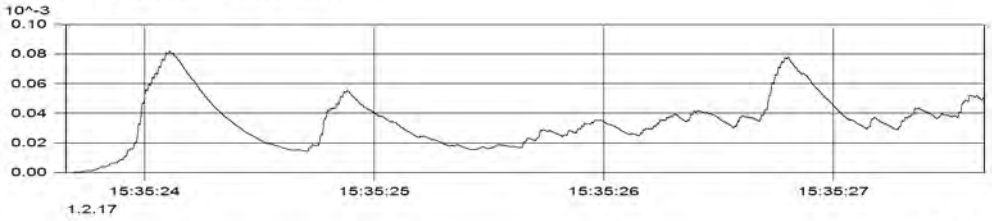
2017-02-01 15:34:25 (2): M8D 3fach Rill

MP2.1 (Kanal\_002) KB(max) = 0.094[-]



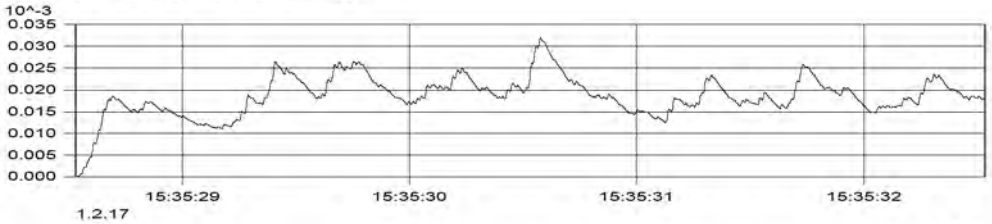
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.082[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.032[-]



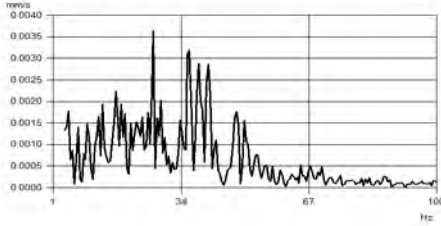
h:m:s

M8D 3fach Rill

2017-02-01 15-34-25 (2)

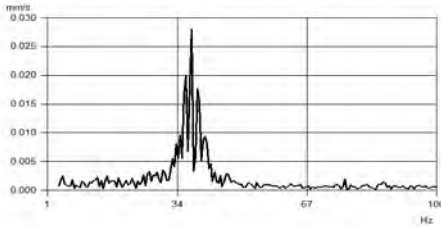
MP1 (Kanal\_001)

$f_e = 26.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



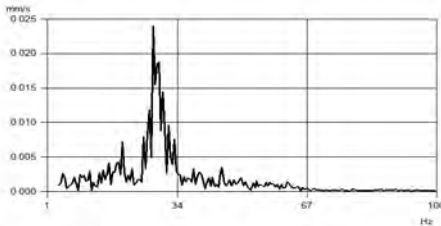
MP2.1 (Kanal\_002)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.028 \text{ mm/s}$



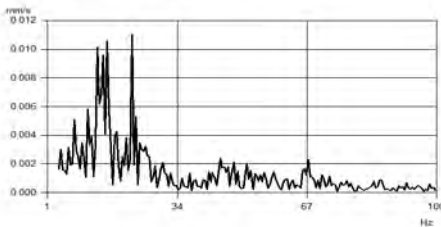
MP3.1 (Kanal\_003)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.024 \text{ mm/s}$



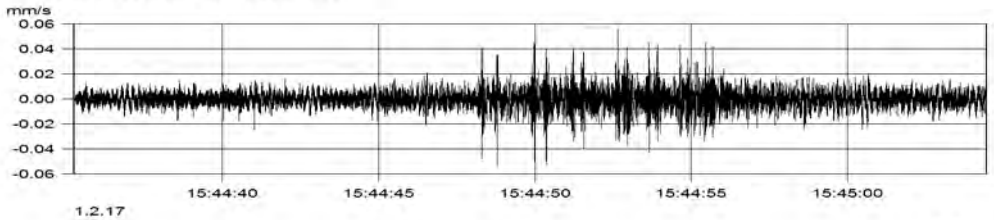
MP3.2 (Kanal\_004)

$f_e = 22.5 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



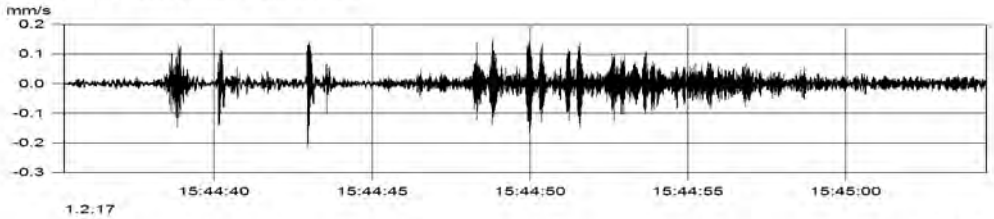
2017-02-01 15:35-45 (3): M8D Rill

MP1 (Kanal\_001) v(max) = 0.056 mm/s



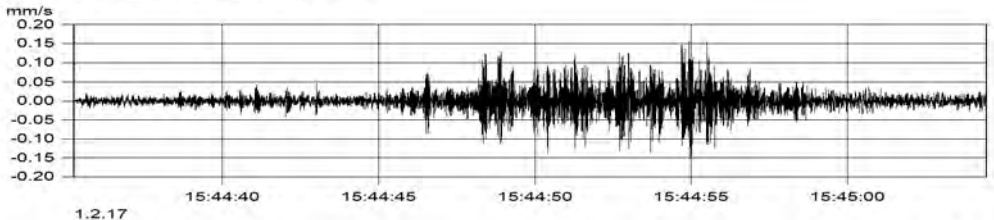
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.215 mm/s



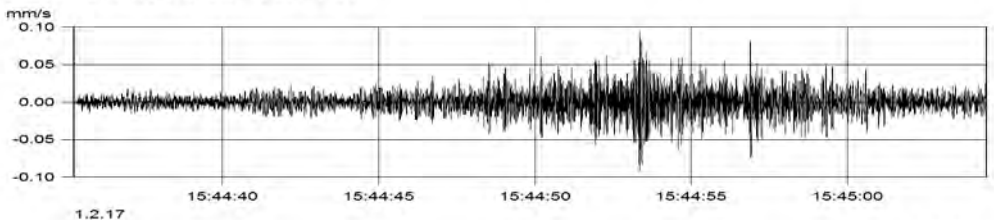
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.157 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.095 mm/s

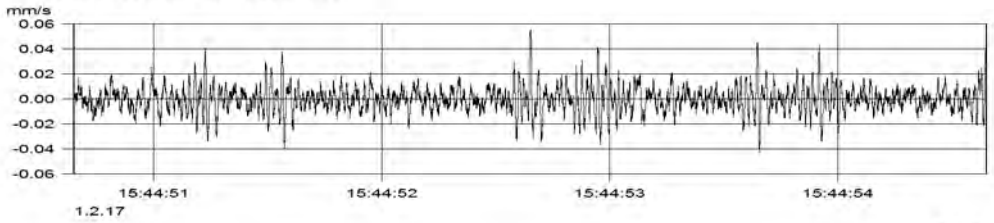


h:m:s

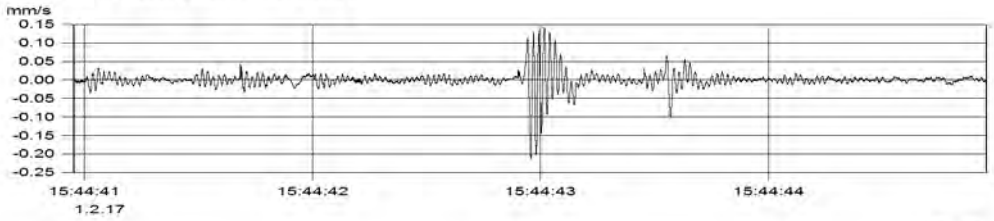


2017-02-01 15:35:45 (3): M8D Rill

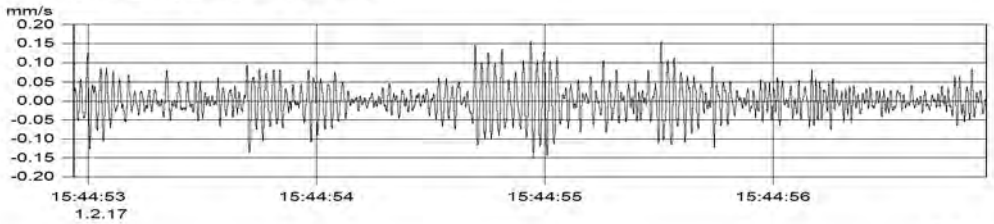
MP1 (Kanal\_001) v(max) = 0.056 mm/s



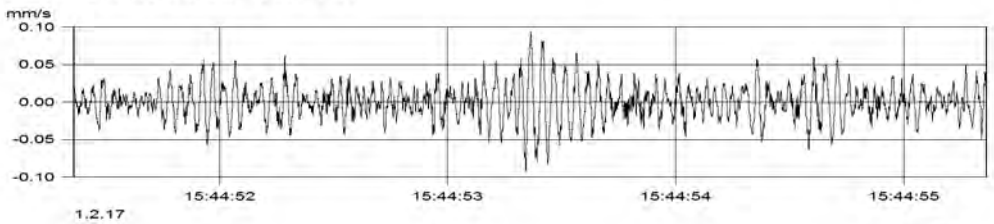
MP2.1 (Kanal\_002) v(max) = 0.215 mm/s



MP3.1 (Kanal\_003) v(max) = 0.157 mm/s



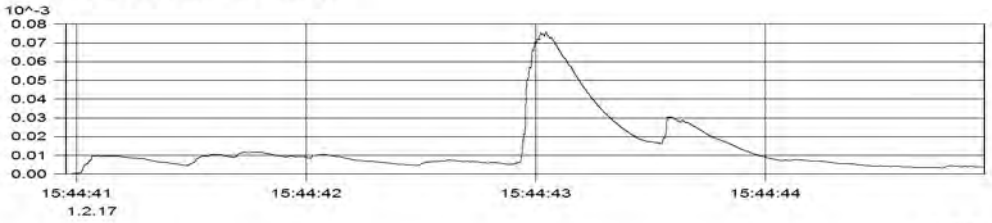
MP3.2 (Kanal\_004) v(max) = 0.095 mm/s





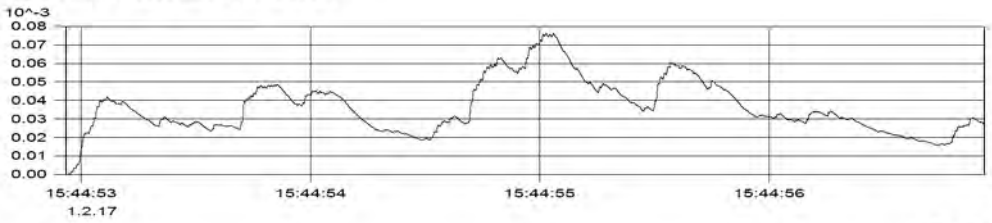
2017-02-01 15:35-45 (3): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.076[-]



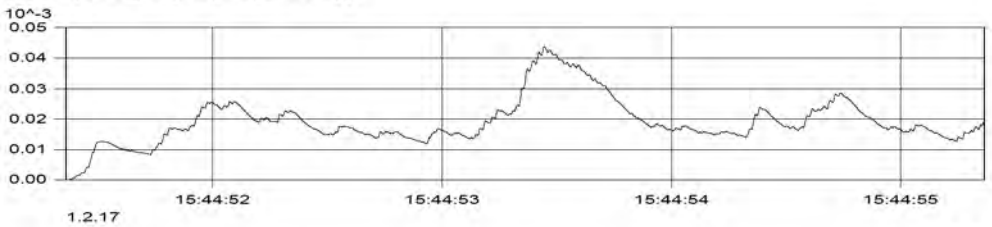
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.076[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.044[-]



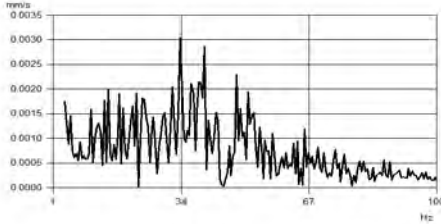
h:m:s

M8D Rill

2017-02-01 15-35-45 (3)

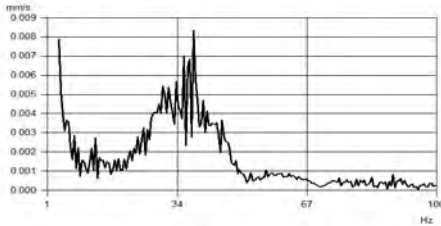
MP1 (Kanal\_001)

$f_e = 33.7 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



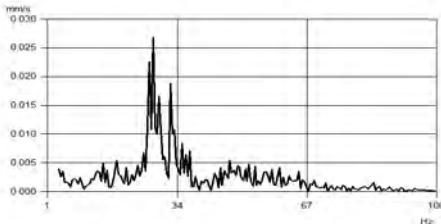
MP2.1 (Kanal\_002)

$f_e = 38.1 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



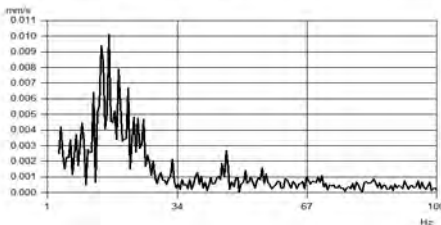
MP3.1 (Kanal\_003)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.027 \text{ mm/s}$



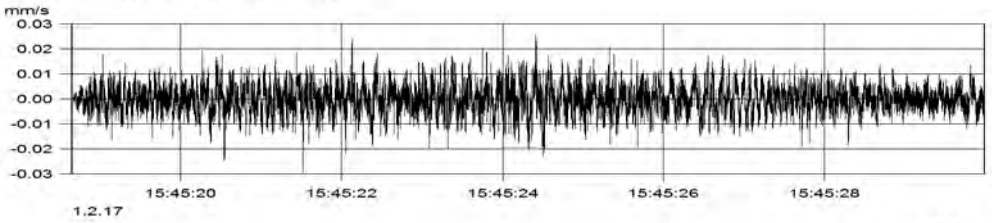
MP3.2 (Kanal\_004)

$f_e = 16.6 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$

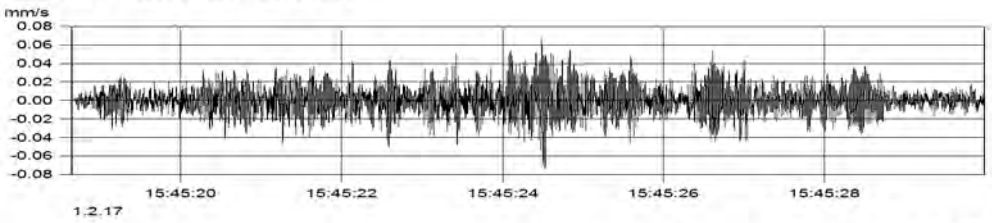


2017-02-01 15:45-11 (4): M8D 3fach Ril

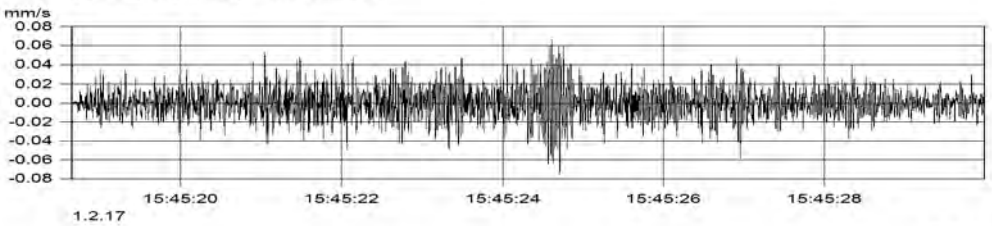
MP1 (Kanal\_001) v(max) = 0.029 mm/s



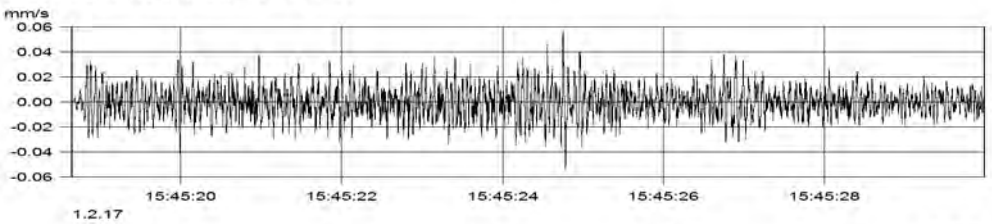
MP2.1 (Kanal\_002) v(max) = 0.073 mm/s



MP3.1 (Kanal\_003) v(max) = 0.076 mm/s

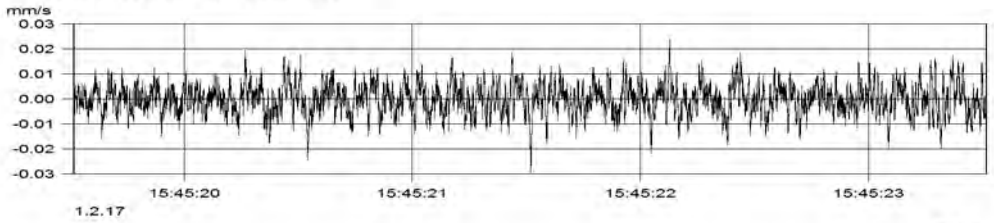


MP3.2 (Kanal\_004) v(max) = 0.057 mm/s

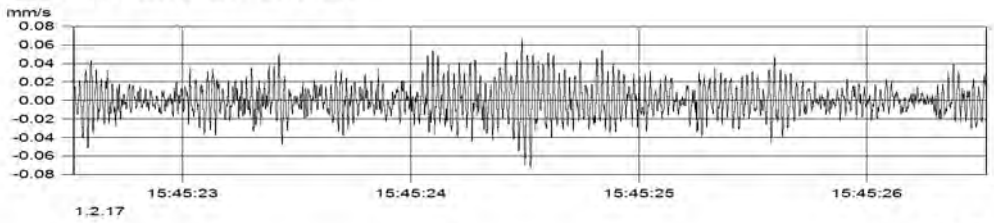


2017-02-01 15:45-11 (4): M8D 3fach Ril

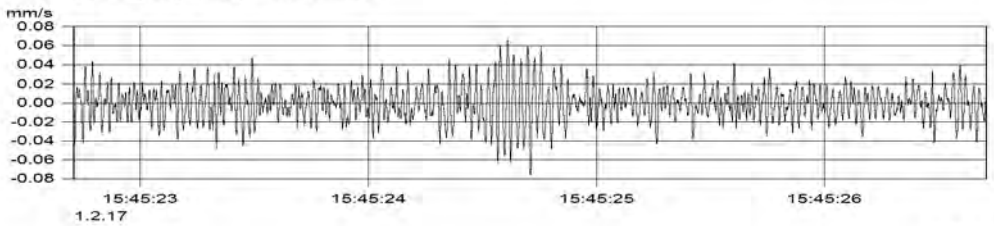
MP1 (Kanal\_001) v(max) = 0.029 mm/s



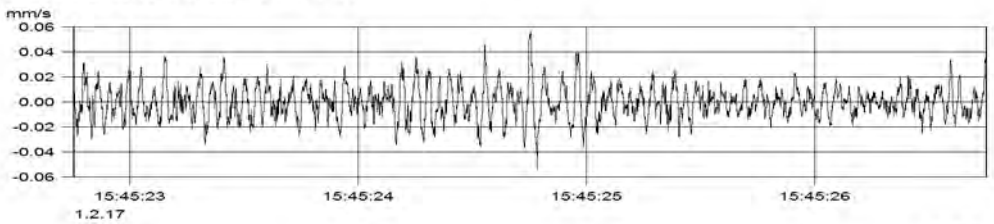
MP2.1 (Kanal\_002) v(max) = 0.073 mm/s



MP3.1 (Kanal\_003) v(max) = 0.076 mm/s

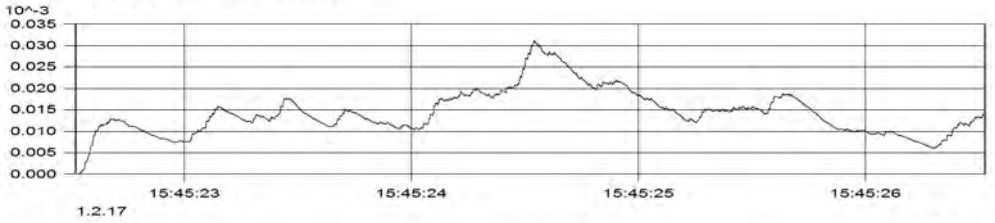


MP3.2 (Kanal\_004) v(max) = 0.057 mm/s



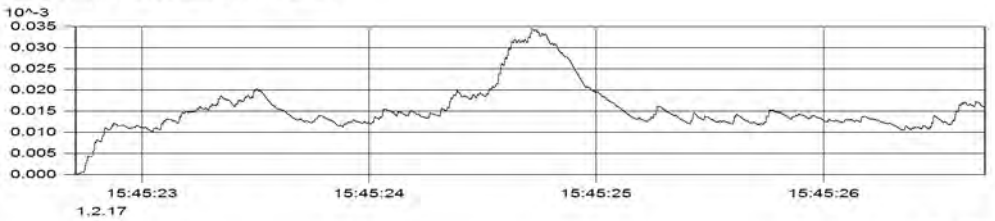
2017-02-01 15:45-11 (4): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.031[-]



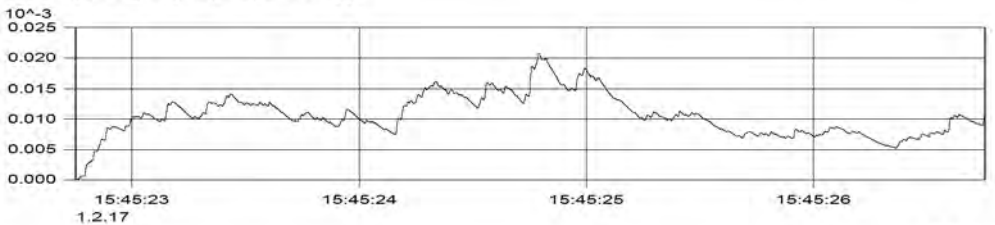
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.035[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.021[-]



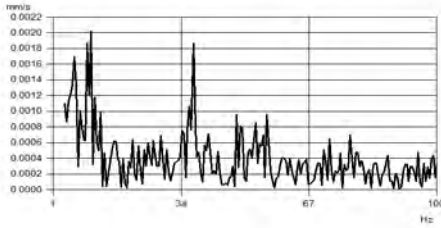
h:m:s

M8D 3fach Ril

2017-02-01 15-45-11 (4)

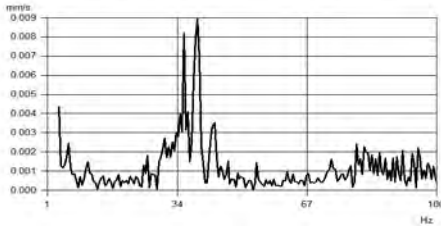
MP1 (Kanal\_001)

$f_e = 10.7 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



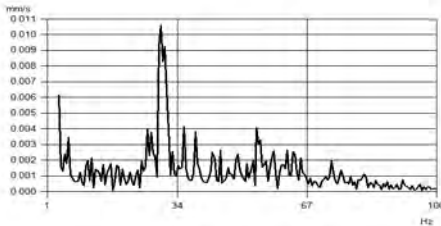
MP2.1 (Kanal\_002)

$f_e = 39.1 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



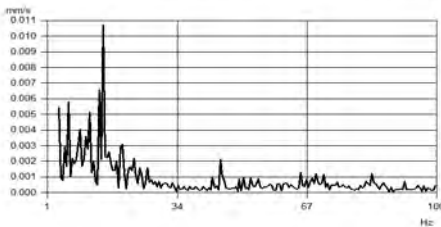
MP3.1 (Kanal\_003)

$f_e = 29.8 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



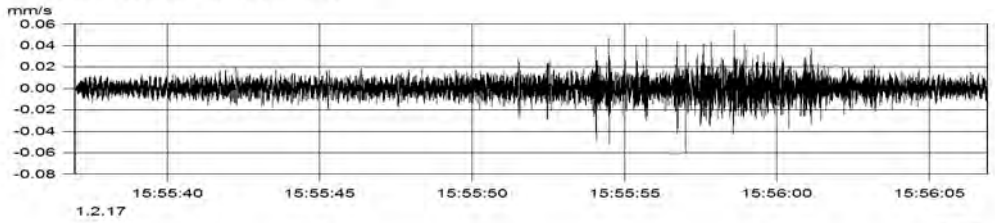
MP3.2 (Kanal\_004)

$f_e = 15.1 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$

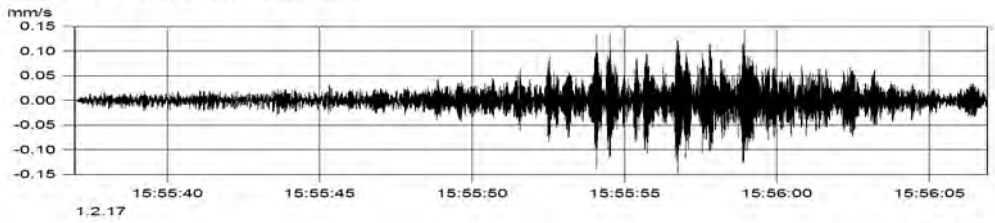


2017-02-01 15:45-41 (5): M8D Rill

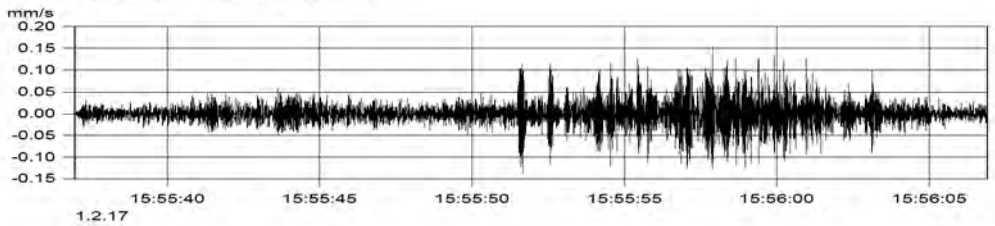
MP1 (Kanal\_001) v(max) = 0.061 mm/s



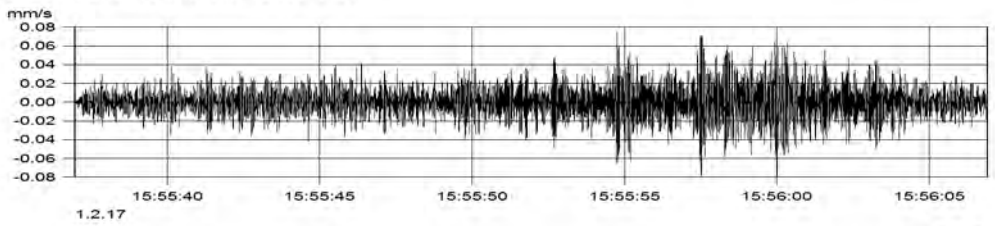
MP2.1 (Kanal\_002) v(max) = 0.147 mm/s



MP3.1 (Kanal\_003) v(max) = 0.153 mm/s



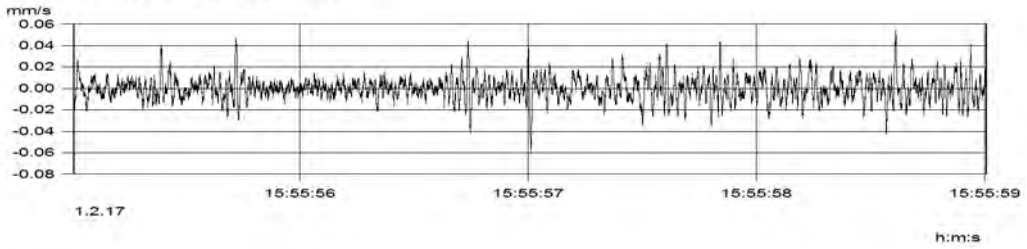
MP3.2 (Kanal\_004) v(max) = 0.079 mm/s



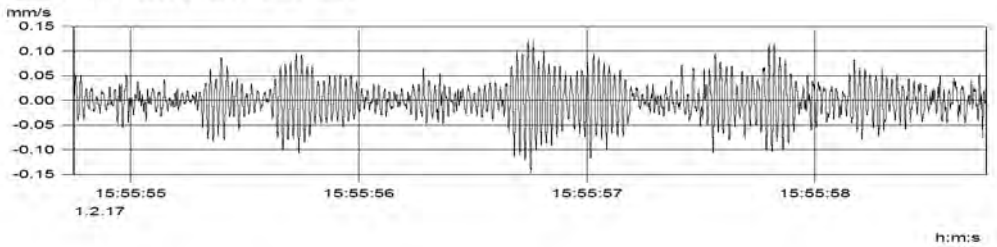


2017-02-01 15:45-41 (5): M8D Rill

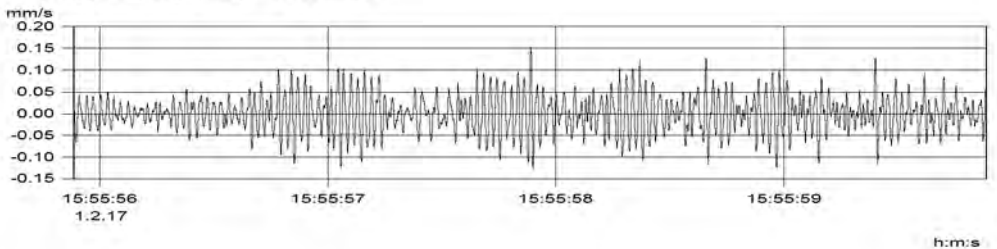
MP1 (Kanal\_001) v(max) = 0.061 mm/s



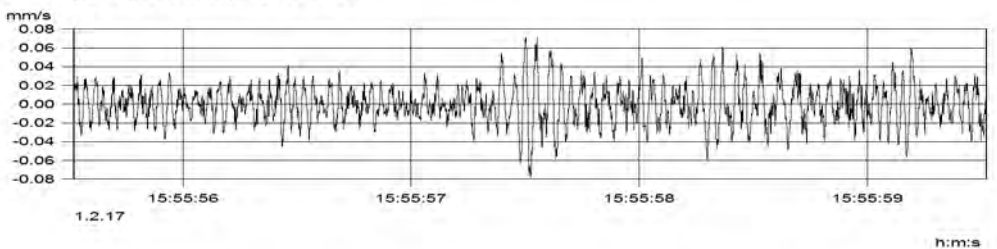
MP2.1 (Kanal\_002) v(max) = 0.147 mm/s



MP3.1 (Kanal\_003) v(max) = 0.153 mm/s

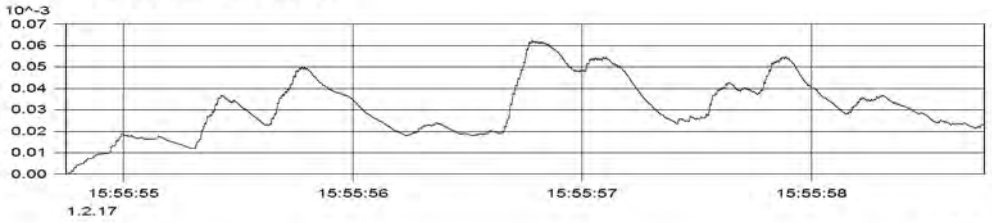


MP3.2 (Kanal\_004) v(max) = 0.079 mm/s



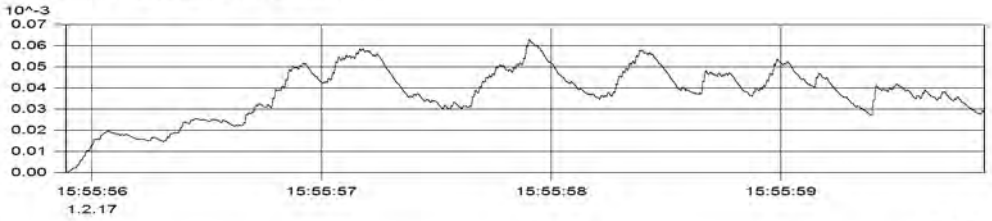
2017-02-01 15:45-41 (5): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.062[-]



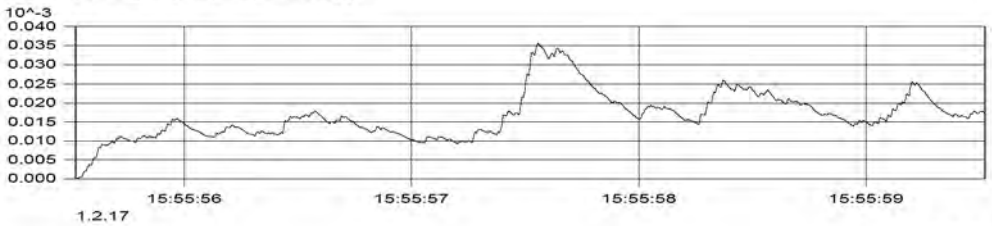
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.063[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.036[-]



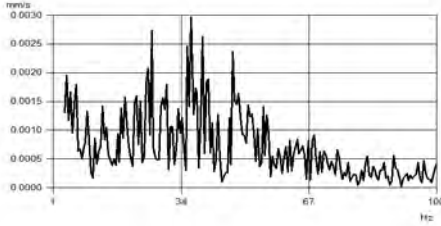
h:m:s

M8D Rill

2017-02-01 15-45-41 (5)

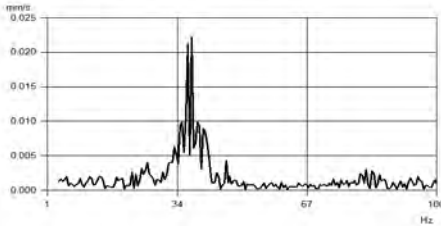
MP1 (Kanal\_001)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



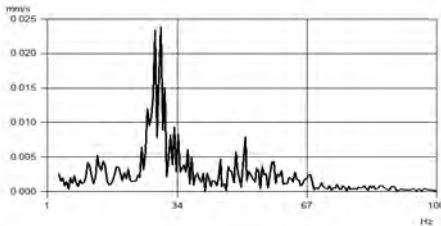
MP2.1 (Kanal\_002)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.022 \text{ mm/s}$



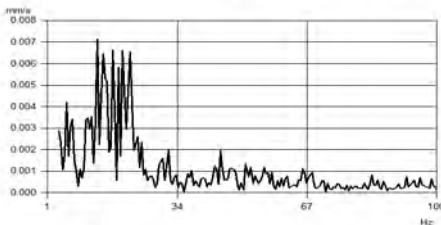
MP3.1 (Kanal\_003)

$f_e = 29.8 \text{ Hz} / v(\text{max}) = 0.024 \text{ mm/s}$



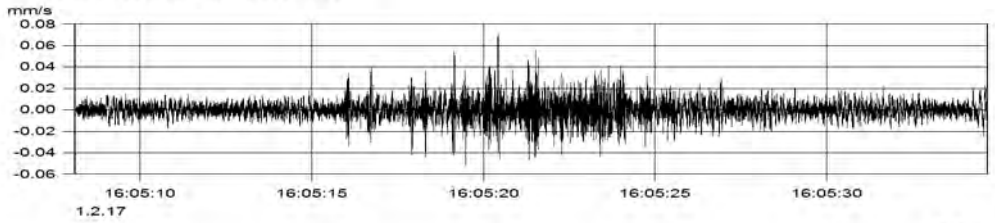
MP3.2 (Kanal\_004)

$f_e = 13.7 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



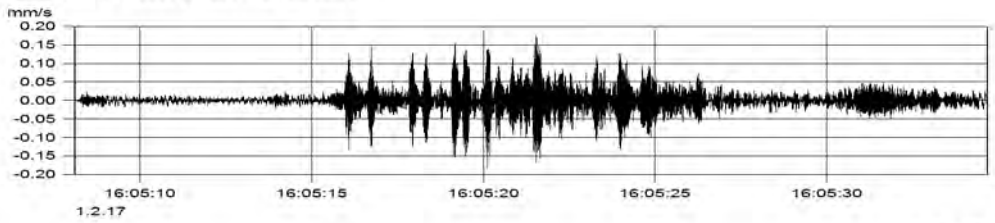
2017-02-01 15-57-34 (7): M8D Rill

MP1 (Kanal\_001) v(max) = 0.070 mm/s



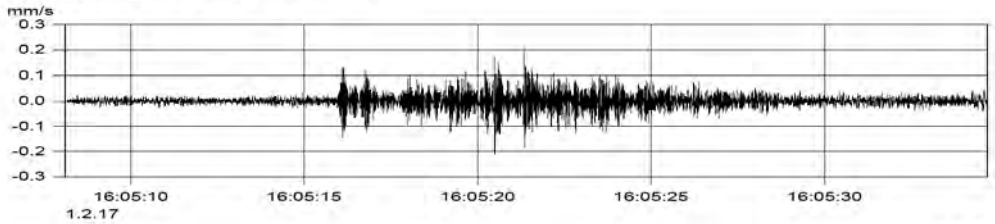
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.185 mm/s



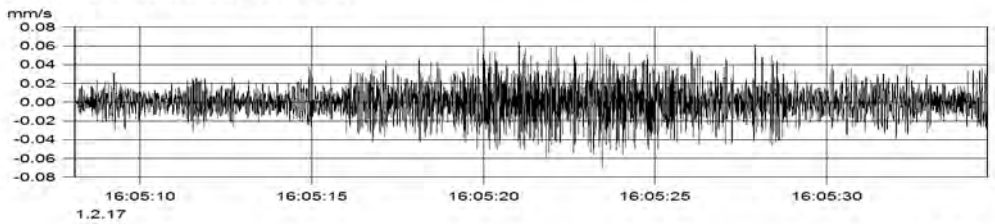
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.213 mm/s



h:m:s

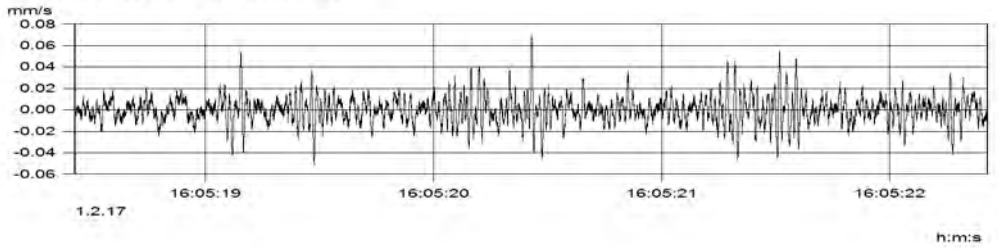
MP3.2 (Kanal\_004) v(max) = 0.070 mm/s



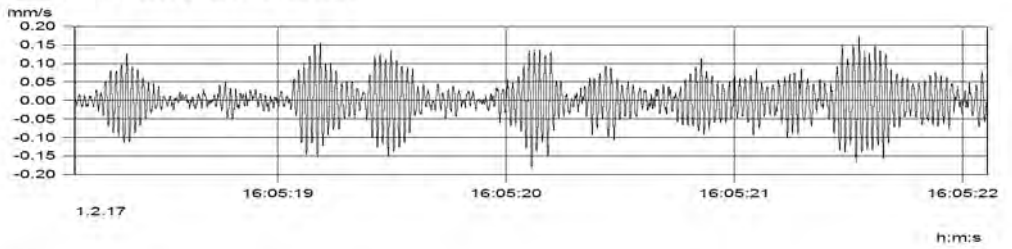
h:m:s

2017-02-01 15-57-34 (7): M8D Rill

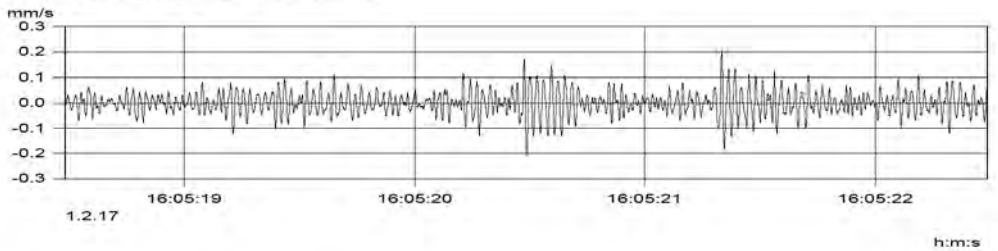
MP1 (Kanal\_001) v(max) = 0.070 mm/s



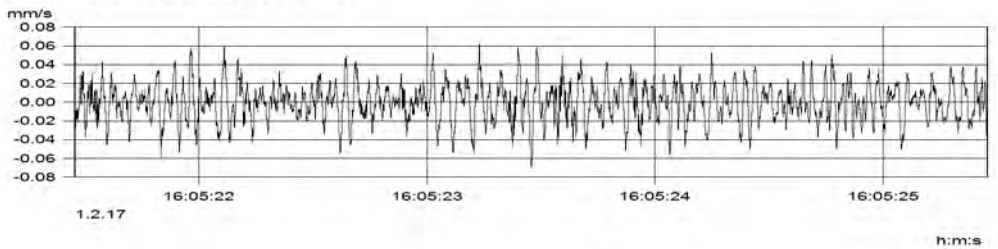
MP2.1 (Kanal\_002) v(max) = 0.185 mm/s



MP3.1 (Kanal\_003) v(max) = 0.213 mm/s

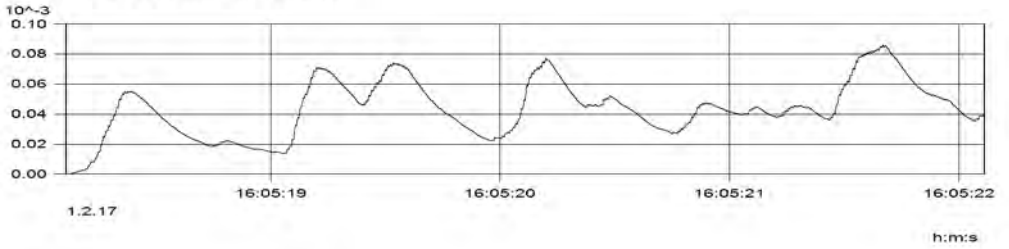


MP3.2 (Kanal\_004) v(max) = 0.070 mm/s

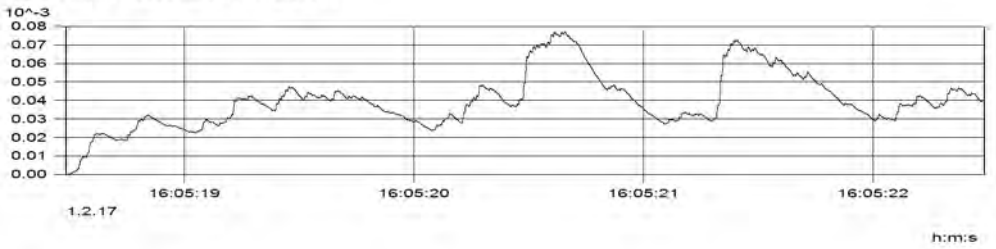


2017-02-01 15:57-34 (7): M8D Rill

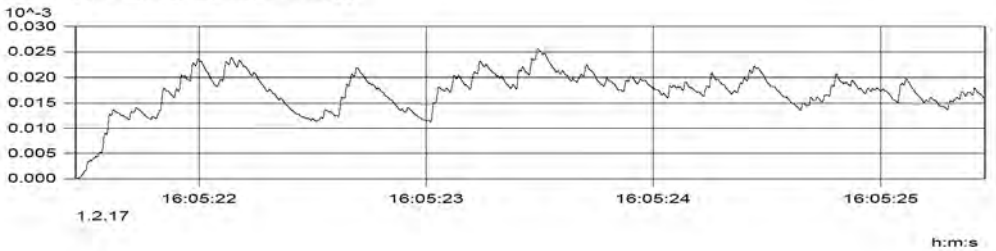
MP2.1 (Kanal\_002) KB(max) = 0.086[-]



MP3.1 (Kanal\_003) KB(max) = 0.077[-]



MP3.2 (Kanal\_004) KB(max) = 0.026[-]

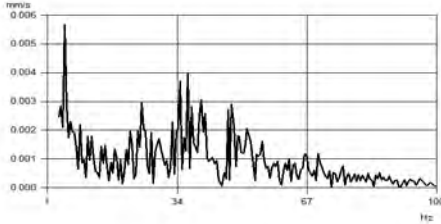


M8D Rill

2017-02-01 15-57-34 (7)

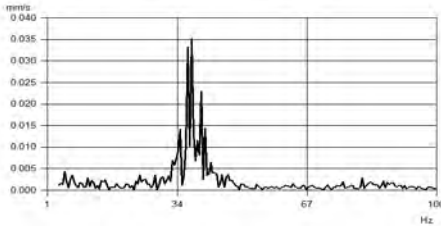
MP1 (Kanal\_001)

$f_e = 5.4 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



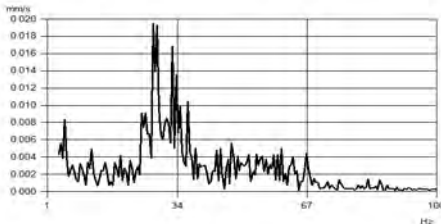
MP2.1 (Kanal\_002)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.035 \text{ mm/s}$



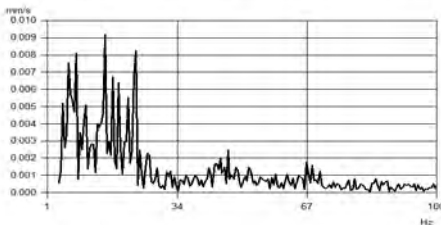
MP3.1 (Kanal\_003)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.020 \text{ mm/s}$



MP3.2 (Kanal\_004)

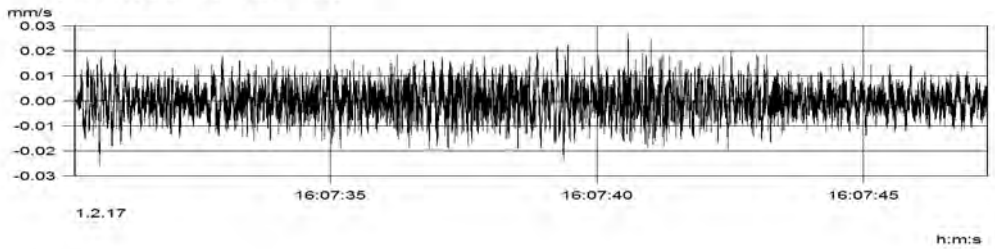
$f_e = 15.6 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



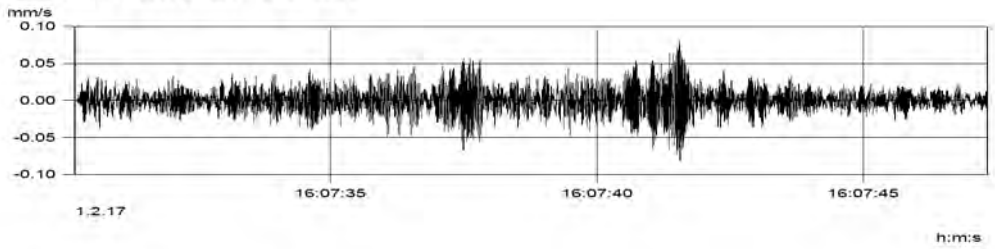


2017-02-01 16:05-36 (8): M8D Ril

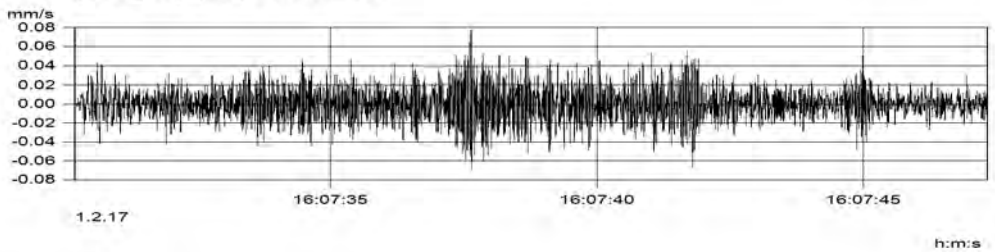
MP1 (Kanal\_001) v(max) = 0.027 mm/s



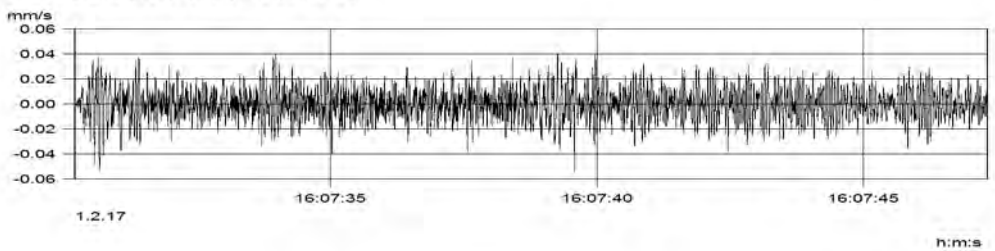
MP2.1 (Kanal\_002) v(max) = 0.082 mm/s



MP3.1 (Kanal\_003) v(max) = 0.078 mm/s

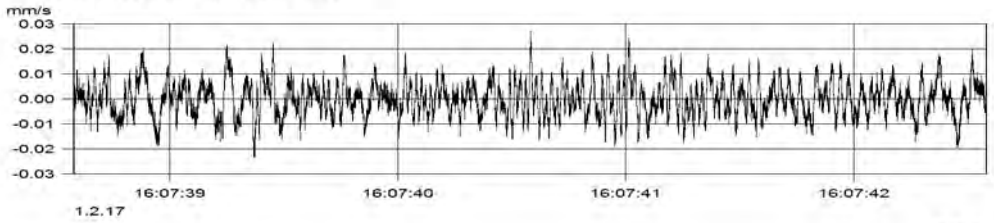


MP3.2 (Kanal\_004) v(max) = 0.054 mm/s

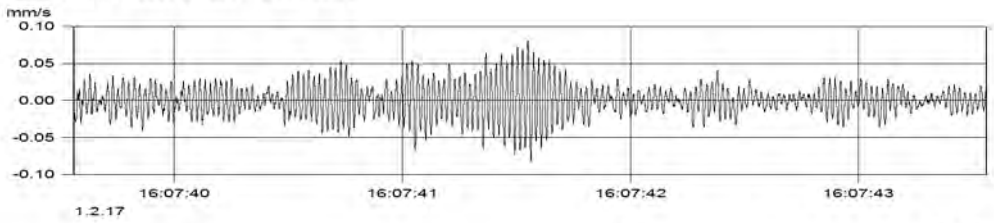


2017-02-01 16:05-36 (8): M8D Ril

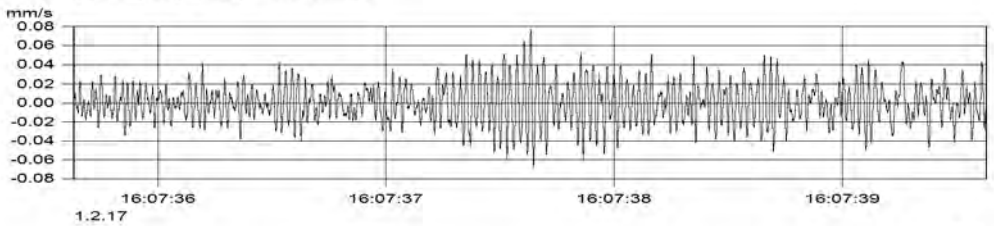
MP1 (Kanal\_001) v(max) = 0.027 mm/s



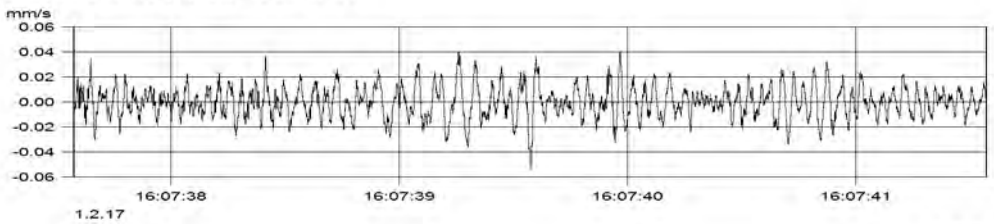
MP2.1 (Kanal\_002) v(max) = 0.082 mm/s



MP3.1 (Kanal\_003) v(max) = 0.078 mm/s

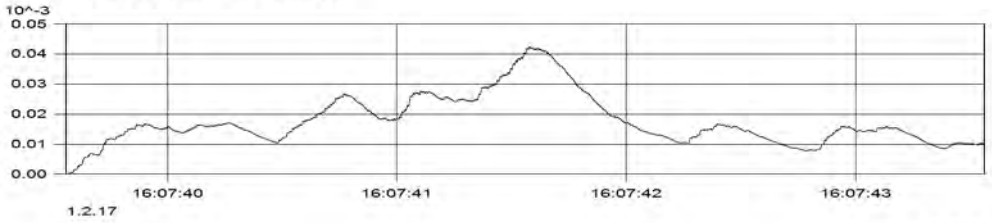


MP3.2 (Kanal\_004) v(max) = 0.054 mm/s

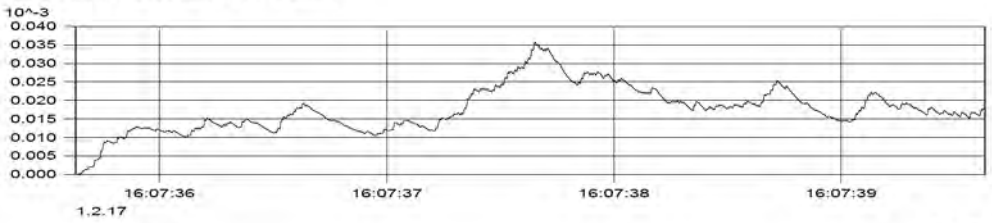


2017-02-01 16:05-36 (8): M8D Ril

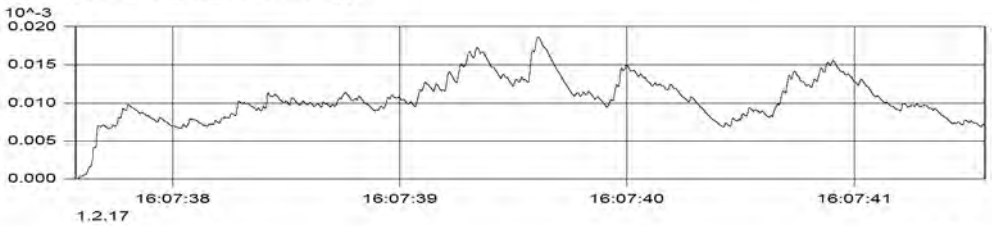
MP2.1 (Kanal\_002) KB(max) = 0.043[-]



MP3.1 (Kanal\_003) KB(max) = 0.036[-]



MP3.2 (Kanal\_004) KB(max) = 0.019[-]

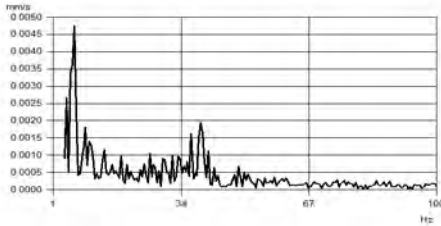


M8D Ril

2017-02-01 16-05-36 (8)

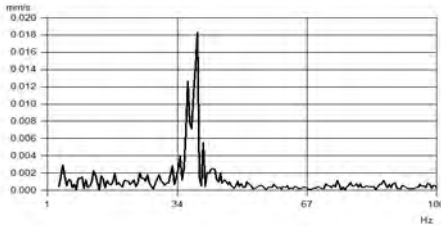
MP1 (Kanal\_001)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



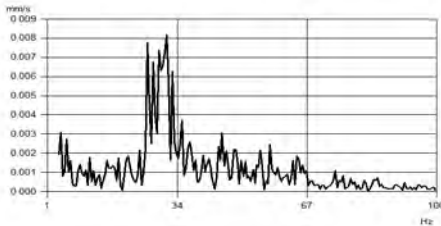
MP2.1 (Kanal\_002)

$f_e = 39.1 \text{ Hz} / v(\text{max}) = 0.018 \text{ mm/s}$



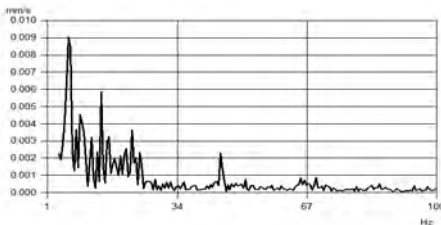
MP3.1 (Kanal\_003)

$f_e = 31.3 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



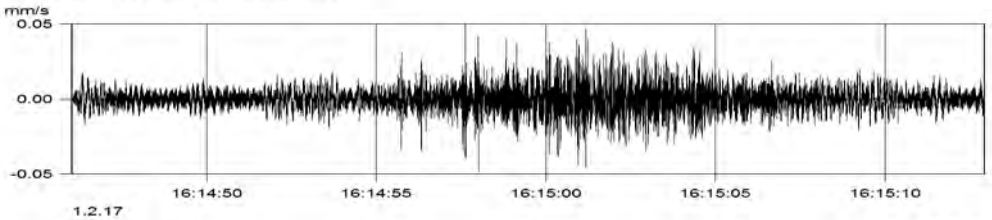
MP3.2 (Kanal\_004)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$

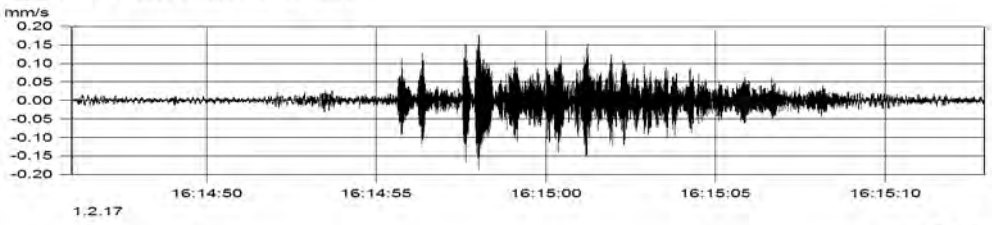


2017-02-01 16-07-50 (9): M8D 3fach Rill

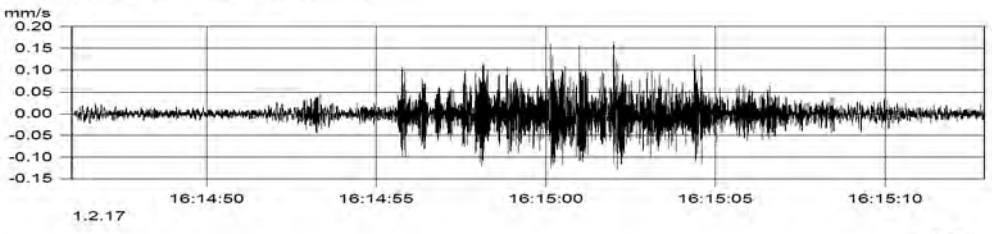
MP1 (Kanal\_001) v(max) = 0.050 mm/s



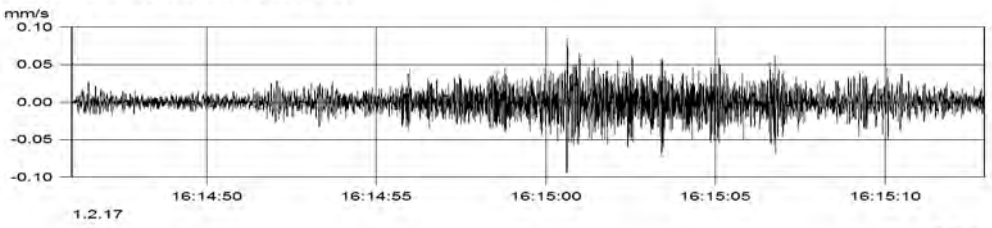
MP2.1 (Kanal\_002) v(max) = 0.187 mm/s



MP3.1 (Kanal\_003) v(max) = 0.166 mm/s

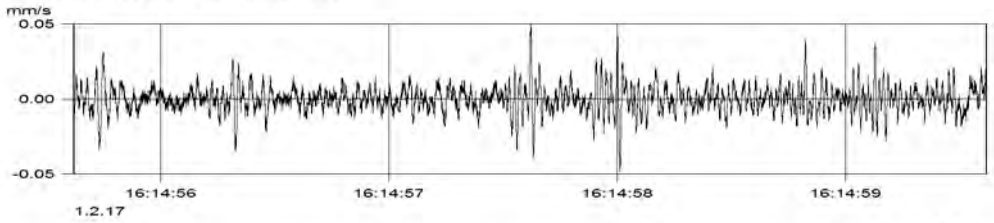


MP3.2 (Kanal\_004) v(max) = 0.095 mm/s



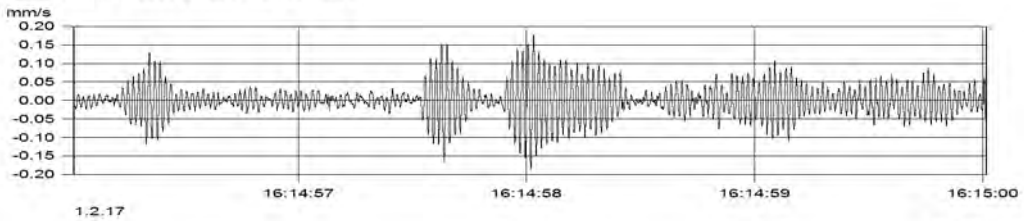
2017-02-01 16-07-50 (9): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.050 mm/s



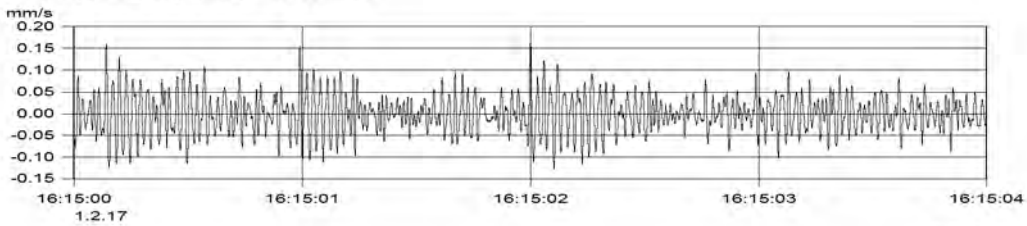
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.187 mm/s



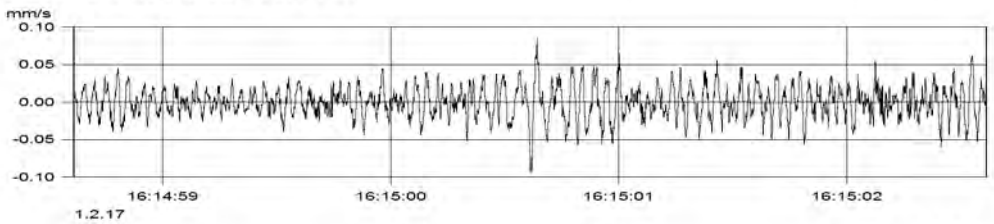
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.166 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.095 mm/s

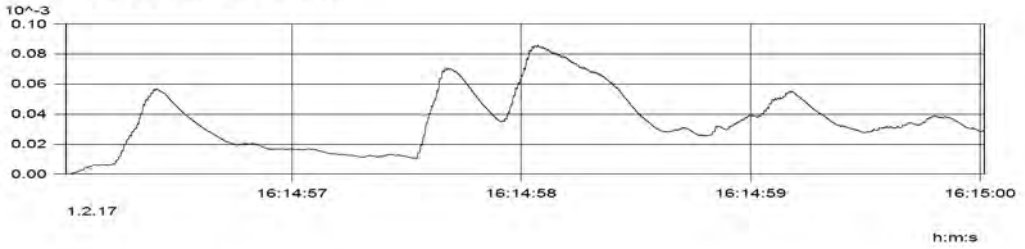


h:m:s

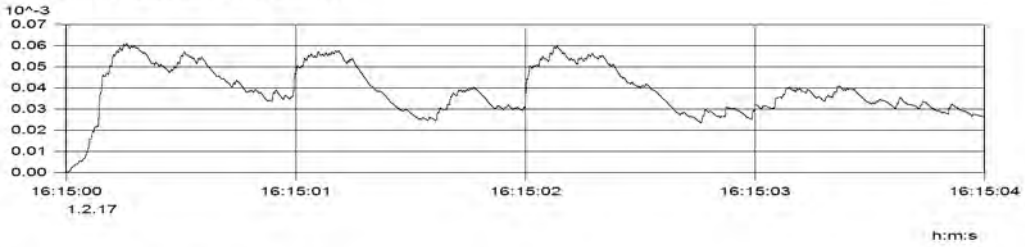


2017-02-01 16:07:50 (9): M8D 3fach Rill

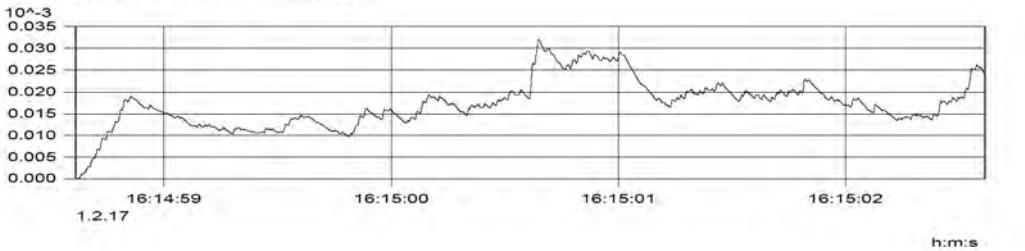
MP2.1 (Kanal\_002) KB(max) = 0.086[-]



MP3.1 (Kanal\_003) KB(max) = 0.061[-]



MP3.2 (Kanal\_004) KB(max) = 0.032[-]



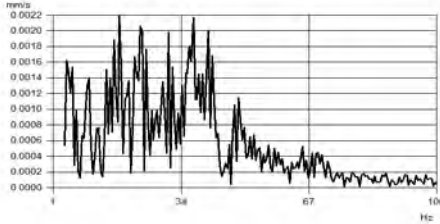


M8D 3fach Rill

2017-02-01 16-07-50 (9)

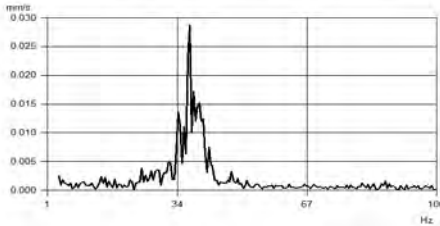
MP1 (Kanal\_001)

$f_e = 18.1 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



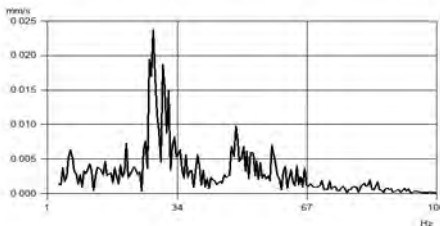
MP2.1 (Kanal\_002)

$f_e = 37.1 \text{ Hz} / v(\text{max}) = 0.029 \text{ mm/s}$



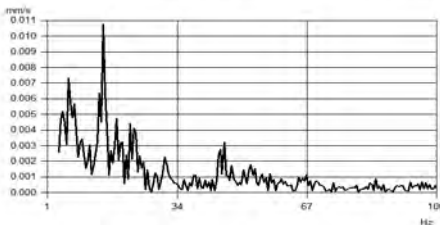
MP3.1 (Kanal\_003)

$f_e = 27.8 \text{ Hz} / v(\text{max}) = 0.024 \text{ mm/s}$



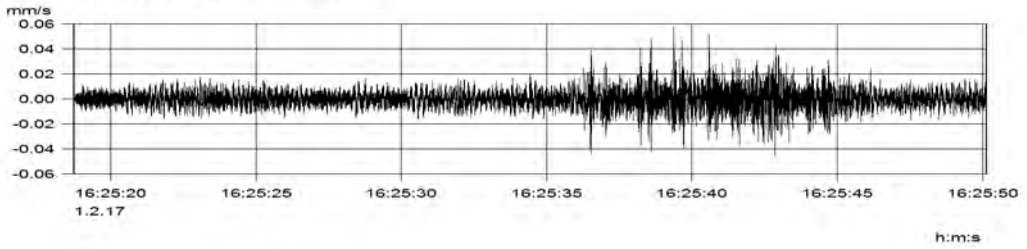
MP3.2 (Kanal\_004)

$f_e = 15.1 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$

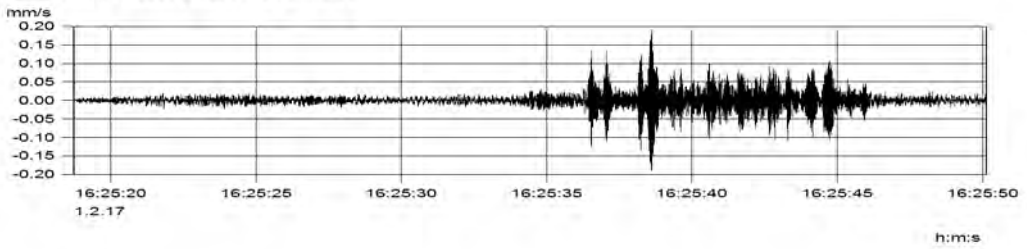


2017-02-01 16:16-14 (11): M8D Rill

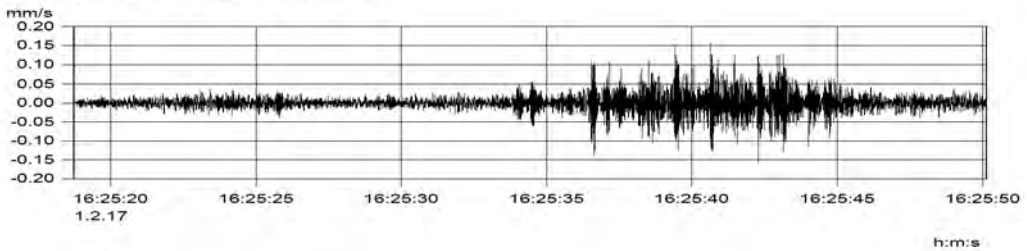
MP1 (Kanal\_001) v(max) = 0.058 mm/s



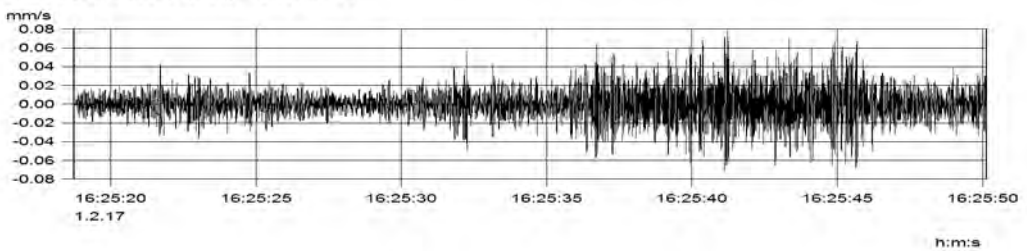
MP2.1 (Kanal\_002) v(max) = 0.191 mm/s



MP3.1 (Kanal\_003) v(max) = 0.159 mm/s

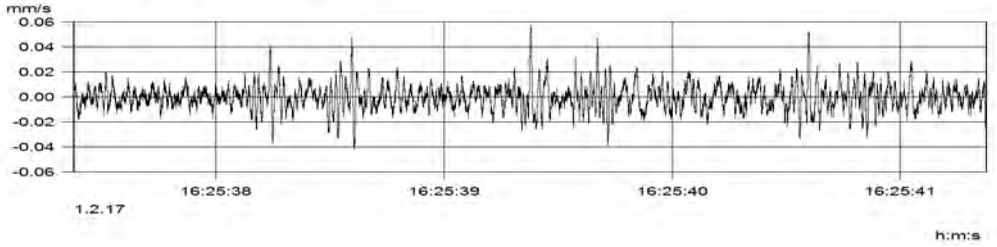


MP3.2 (Kanal\_004) v(max) = 0.078 mm/s

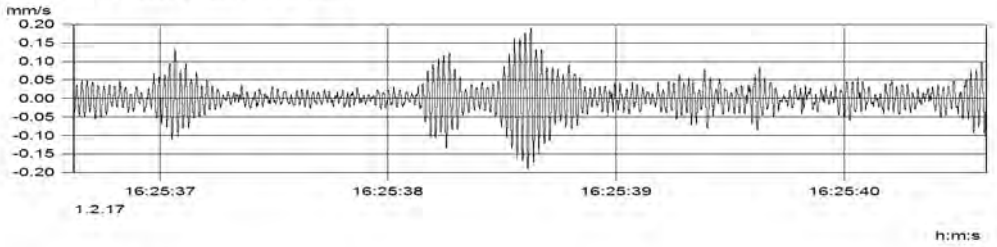


2017-02-01 16-16-14 (11): M8D Rill

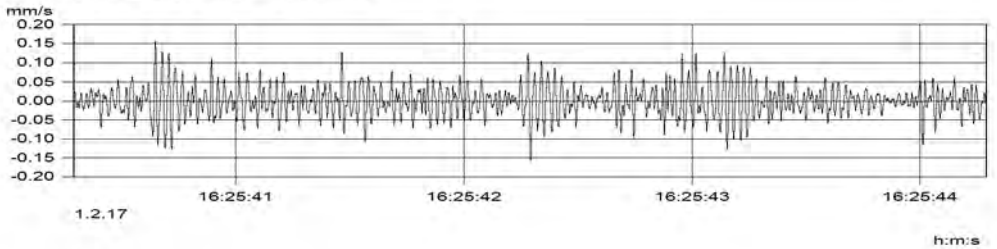
MP1 (Kanal\_001) v(max) = 0.058 mm/s



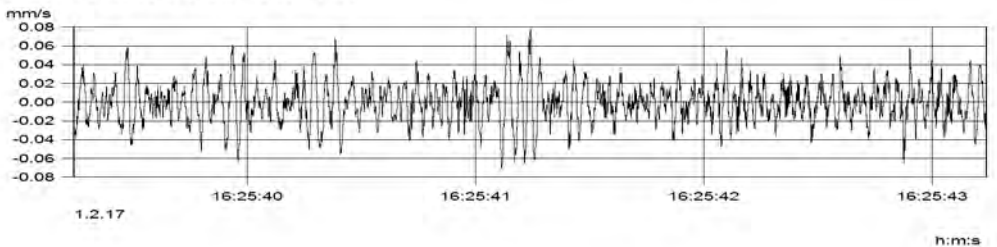
MP2.1 (Kanal\_002) v(max) = 0.191 mm/s



MP3.1 (Kanal\_003) v(max) = 0.159 mm/s

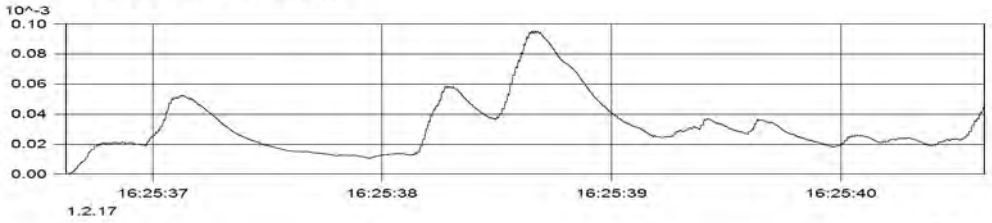


MP3.2 (Kanal\_004) v(max) = 0.078 mm/s



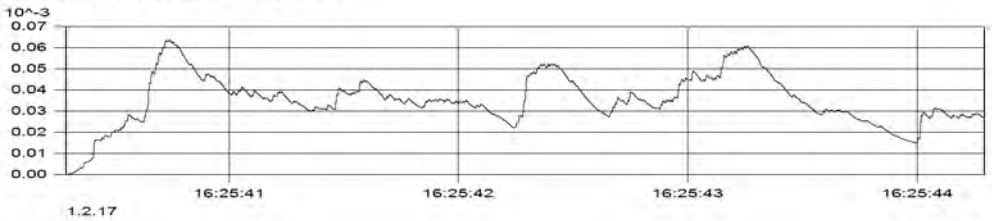
2017-02-01 16-16-14 (11): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.095[-]



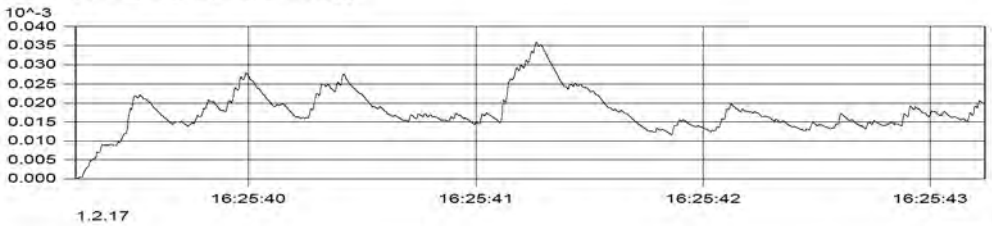
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.064[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.036[-]



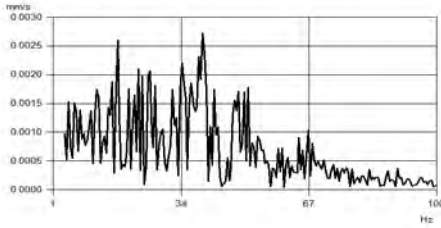
h:m:s

M8D Rill

2017-02-01 16-16-14 (11)

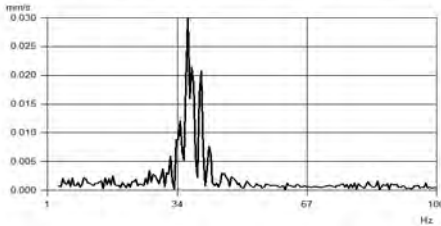
MP1 (Kanal\_001)

$f_e = 39.6 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



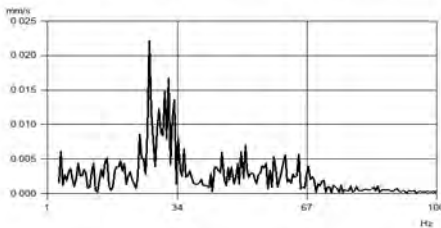
MP2.1 (Kanal\_002)

$f_e = 36.6 \text{ Hz} / v(\text{max}) = 0.030 \text{ mm/s}$



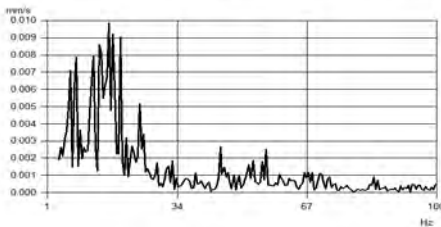
MP3.1 (Kanal\_003)

$f_e = 26.9 \text{ Hz} / v(\text{max}) = 0.022 \text{ mm/s}$



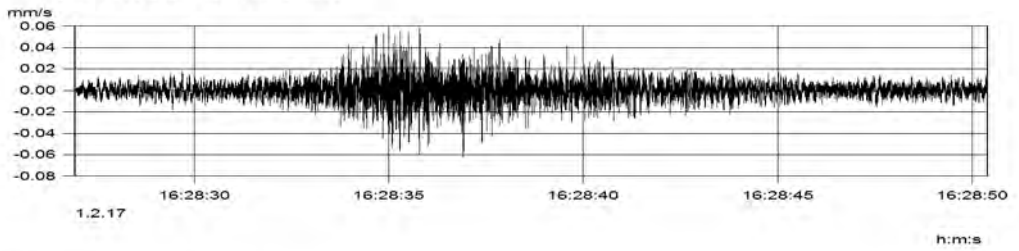
MP3.2 (Kanal\_004)

$f_e = 16.6 \text{ Hz} / v(\text{max}) = 0.010 \text{ mm/s}$

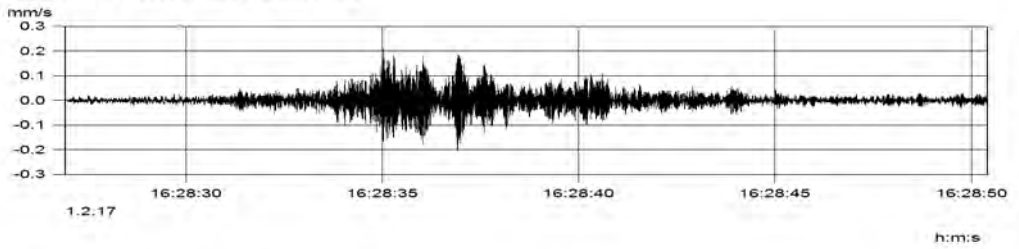


2017-02-01 16:25-52 (12): M8D 3fach Ril

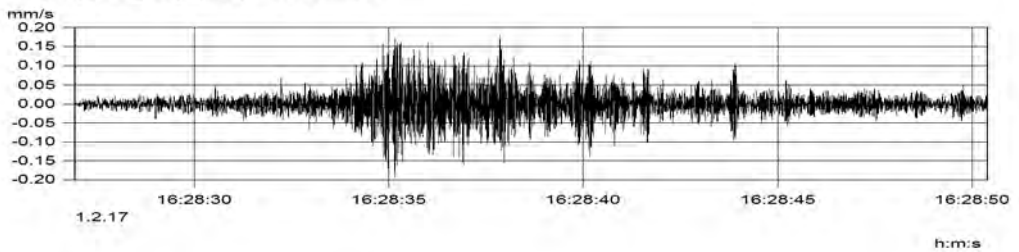
MP1 (Kanal\_001) v(max) = 0.063 mm/s



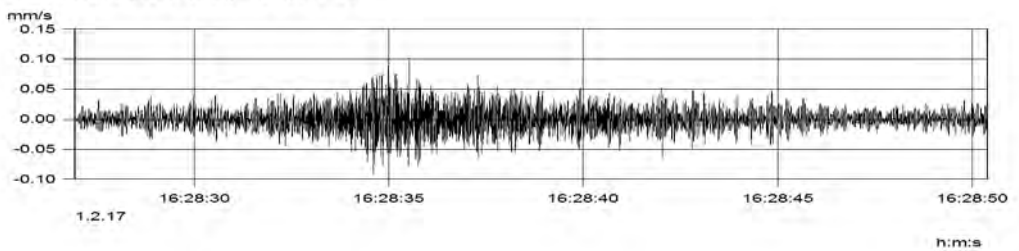
MP2.1 (Kanal\_002) v(max) = 0.208 mm/s



MP3.1 (Kanal\_003) v(max) = 0.193 mm/s

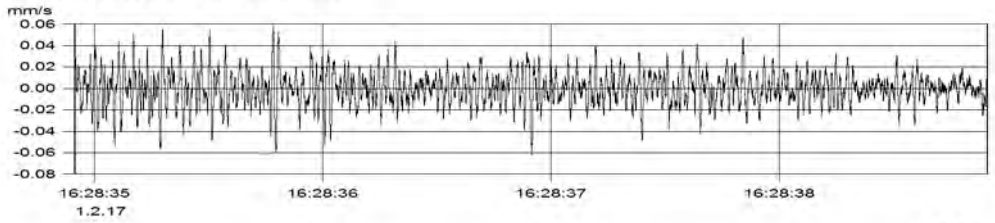


MP3.2 (Kanal\_004) v(max) = 0.103 mm/s



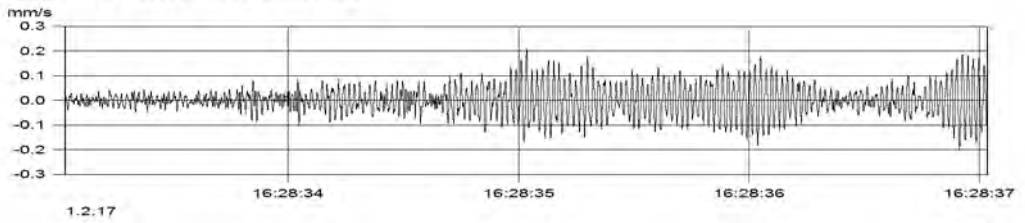
2017-02-01 16:25-52 (12): M8D 3fach Ril

MP1 (Kanal\_001) v(max) = 0.063 mm/s



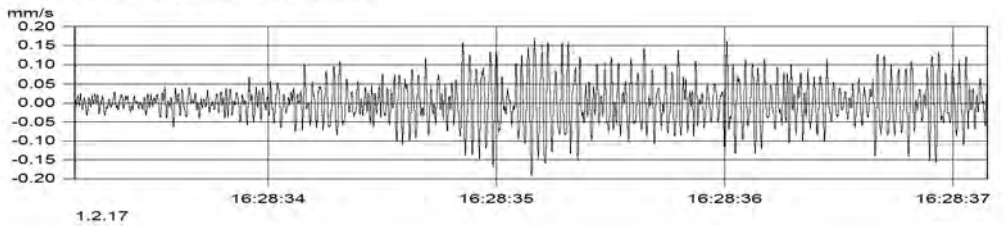
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.208 mm/s



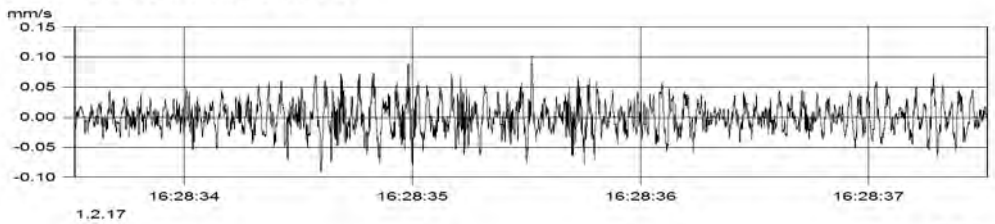
h:m:s

MP3.1 (Kanal\_003) v(max) = 0.193 mm/s



h:m:s

MP3.2 (Kanal\_004) v(max) = 0.103 mm/s

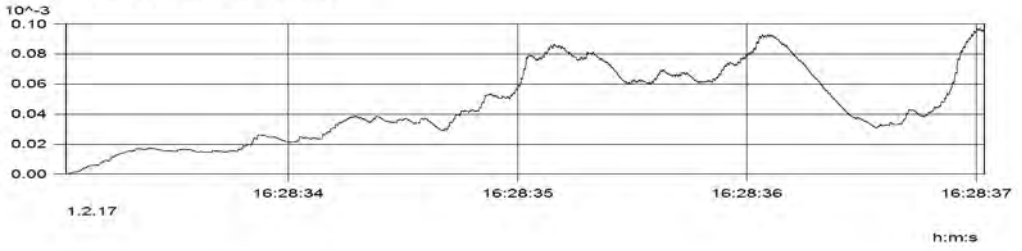


h:m:s

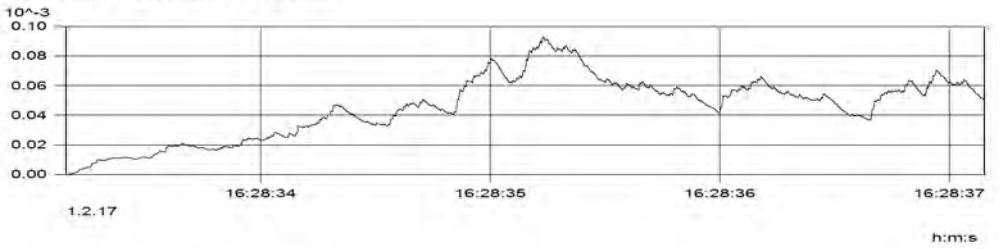


2017-02-01 16:25-52 (12): M8D 3fach Ril

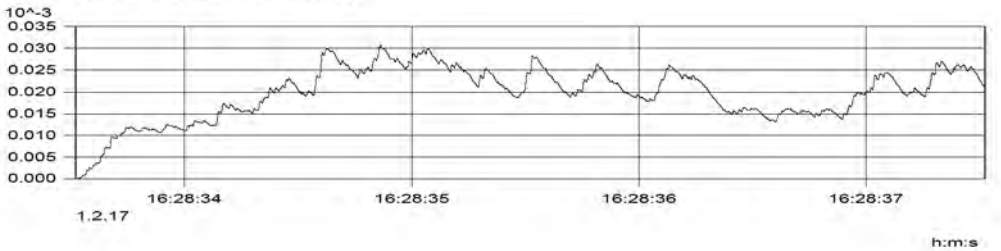
MP2.1 (Kanal\_002) KB(max) = 0.097[-]



MP3.1 (Kanal\_003) KB(max) = 0.093[-]



MP3.2 (Kanal\_004) KB(max) = 0.031[-]

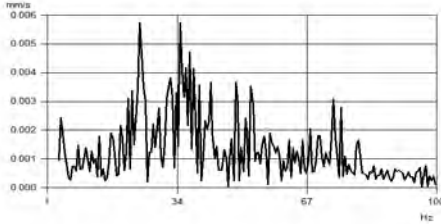


M8D 3fach Ril

2017-02-01 16-25-52 (12)

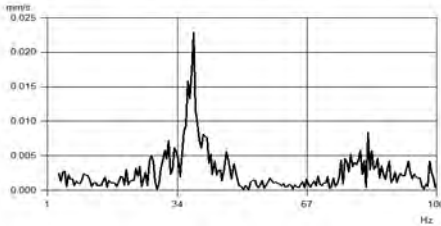
MP1 (Kanal\_001)

$f_e = 24.4 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



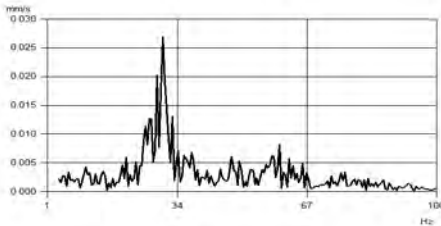
MP2.1 (Kanal\_002)

$f_e = 38.1 \text{ Hz} / v(\text{max}) = 0.023 \text{ mm/s}$



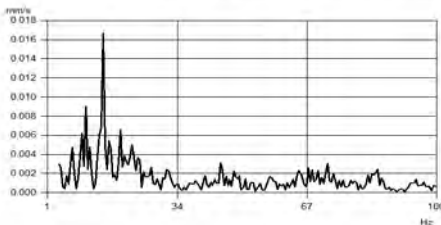
MP3.1 (Kanal\_003)

$f_e = 30.3 \text{ Hz} / v(\text{max}) = 0.027 \text{ mm/s}$



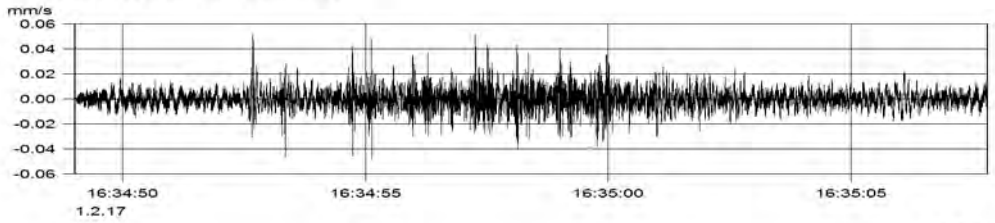
MP3.2 (Kanal\_004)

$f_e = 15.1 \text{ Hz} / v(\text{max}) = 0.017 \text{ mm/s}$

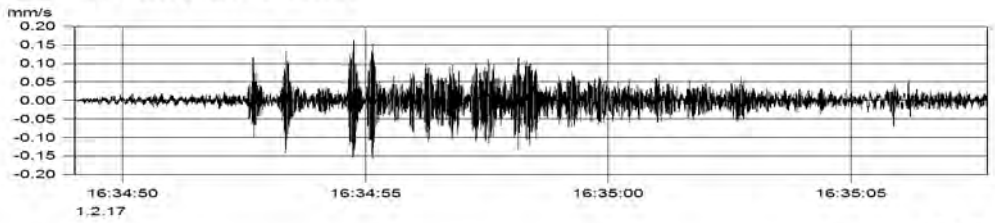


2017-02-01 16:31-19 (14): M8D Rill

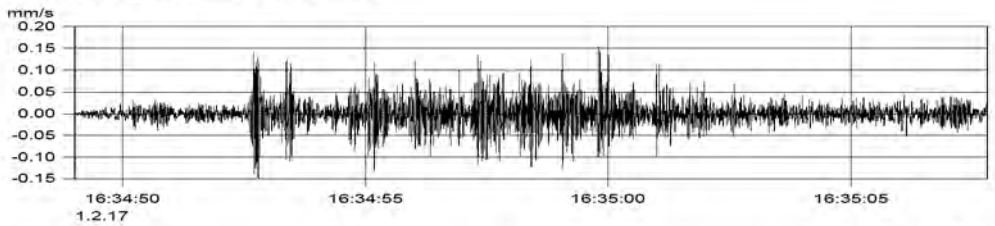
MP1 (Kanal\_001) v(max) = 0.052 mm/s



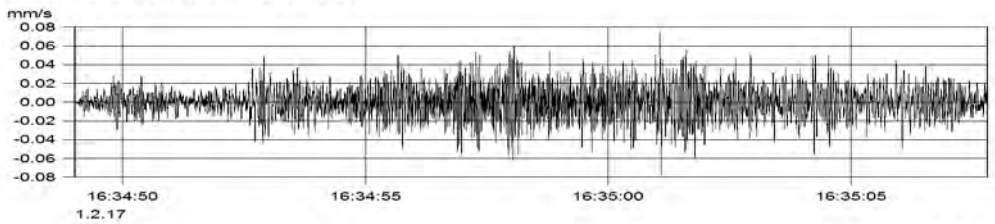
MP2.1 (Kanal\_002) v(max) = 0.163 mm/s



MP3.1 (Kanal\_003) v(max) = 0.154 mm/s

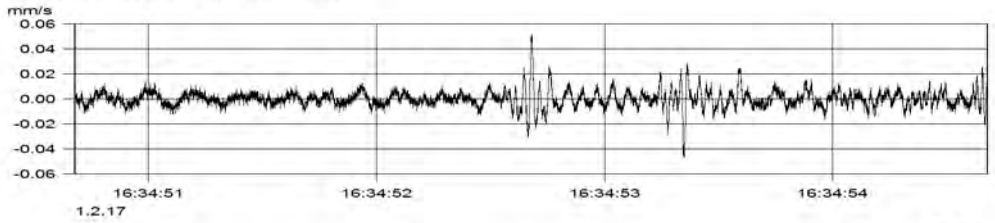


MP3.2 (Kanal\_004) v(max) = 0.078 mm/s

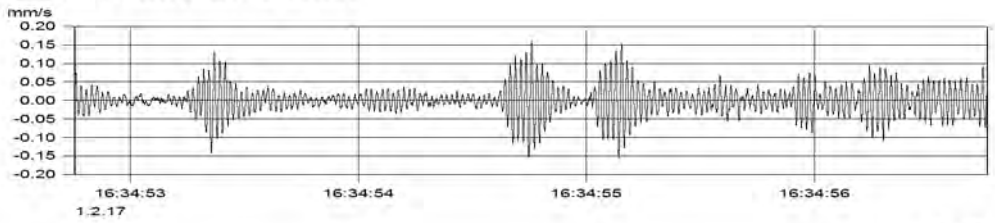


2017-02-01 16:31-19 (14): M8D Rill

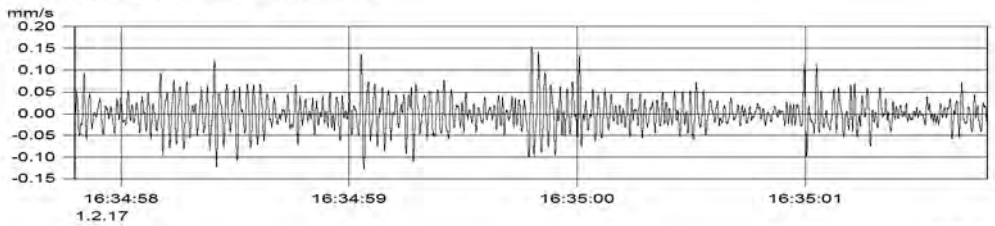
MP1 (Kanal\_001) v(max) = 0.052 mm/s



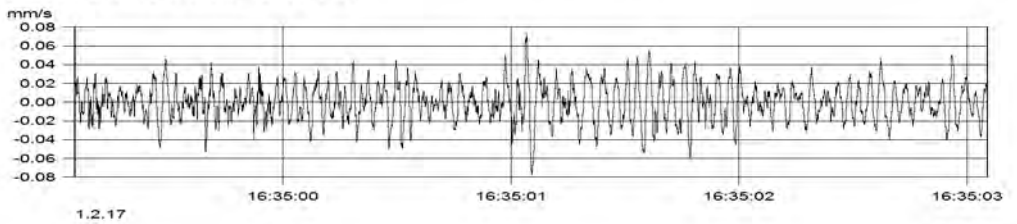
MP2.1 (Kanal\_002) v(max) = 0.163 mm/s



MP3.1 (Kanal\_003) v(max) = 0.154 mm/s

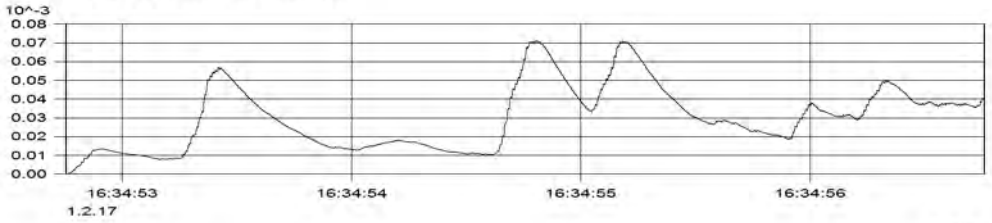


MP3.2 (Kanal\_004) v(max) = 0.078 mm/s



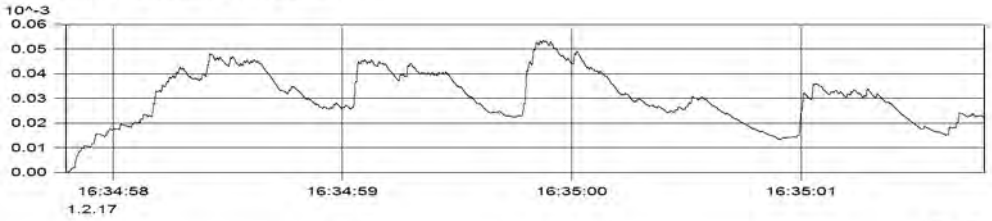
2017-02-01 16:31-19 (14): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.071[-]



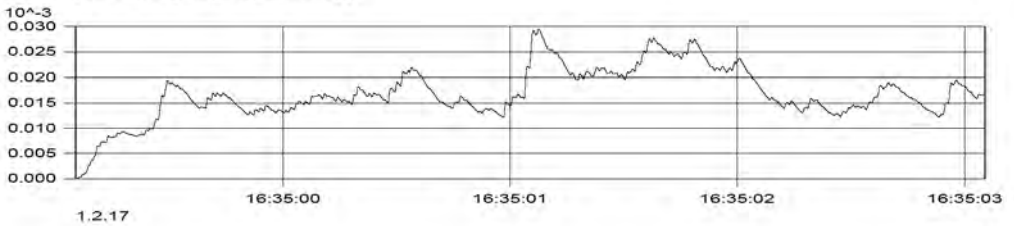
h:m:s

MP3.1 (Kanal\_003) KB(max) = 0.054[-]



h:m:s

MP3.2 (Kanal\_004) KB(max) = 0.029[-]



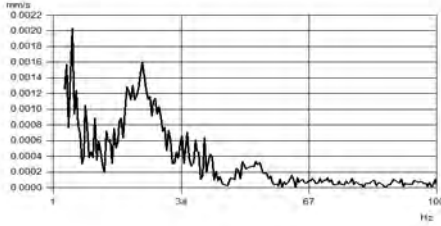
h:m:s

M8D Rill

2017-02-01 16-31-19 (14)

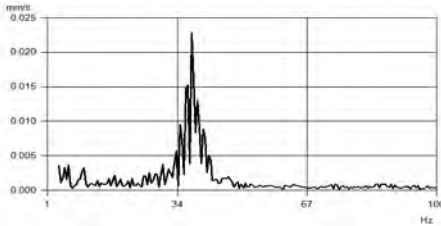
MP1 (Kanal\_001)

$f_e = 5.9 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



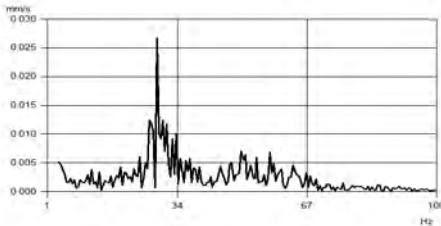
MP2.1 (Kanal\_002)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.023 \text{ mm/s}$



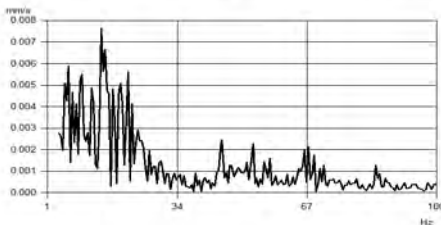
MP3.1 (Kanal\_003)

$f_e = 28.8 \text{ Hz} / v(\text{max}) = 0.027 \text{ mm/s}$



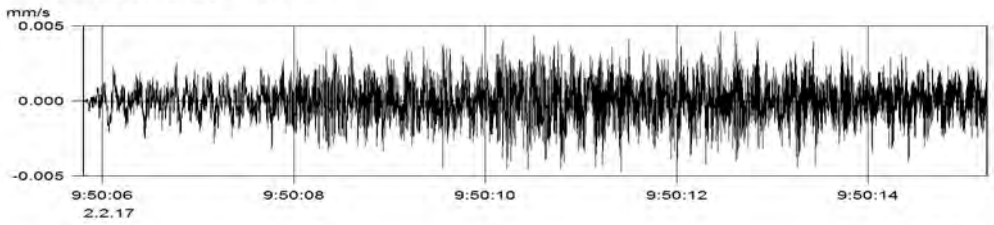
MP3.2 (Kanal\_004)

$f_e = 14.6 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



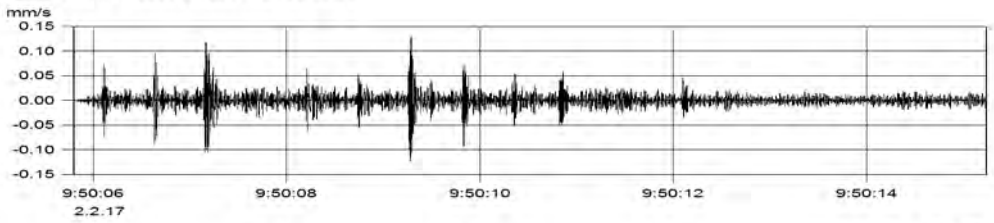
2017-02-02 09-49-34 (5): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



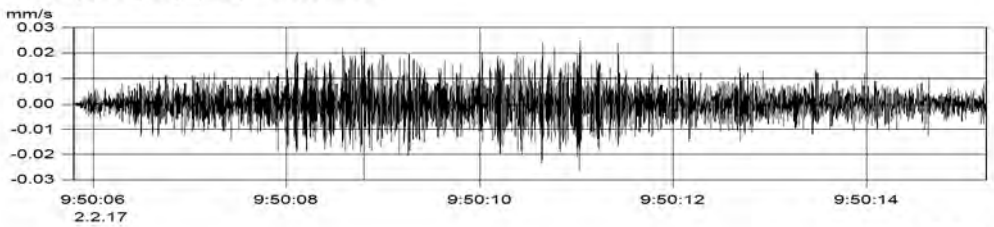
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.129 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.030 mm/s

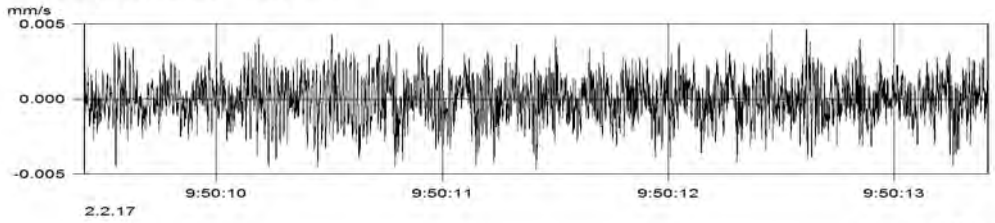


h:m:s

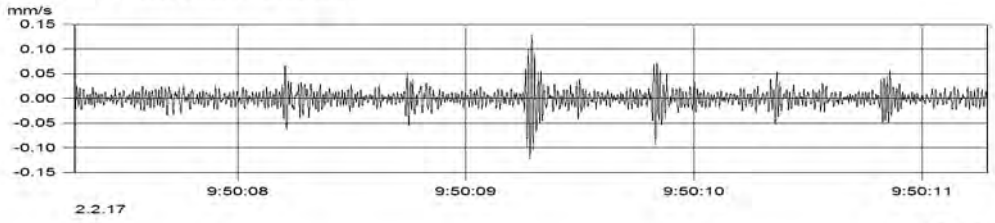


2017-02-02 09-49-34 (5): M8D Ril

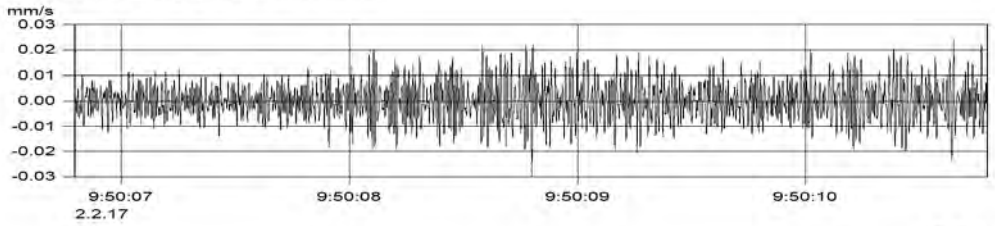
MP1 (Kanal\_001) v(max) = 0.005 mm/s



MP2.1 (Kanal\_002) v(max) = 0.129 mm/s

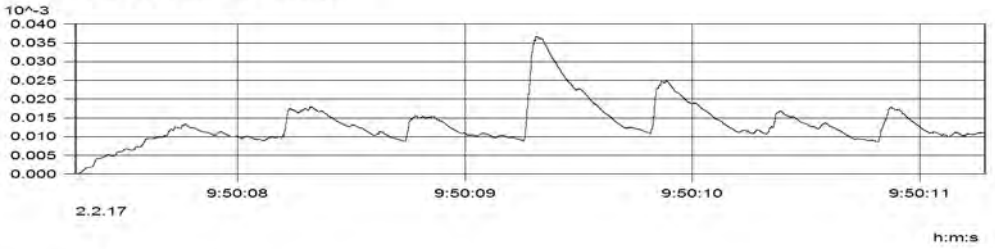


MP2.2 (Kanal\_003) v(max) = 0.030 mm/s

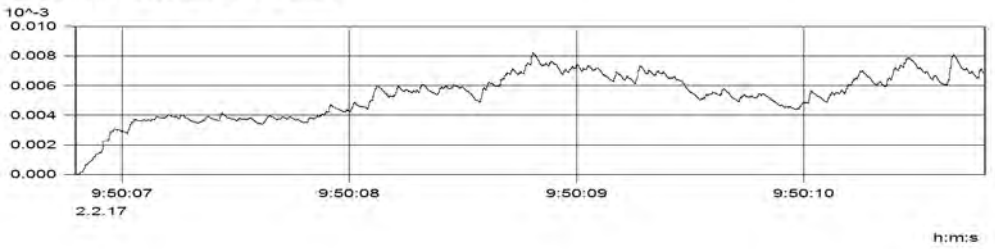


2017-02-02 09:49-34 (5): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.037[-]



MP2.2 (Kanal\_003) KB(max) = 0.008[-]

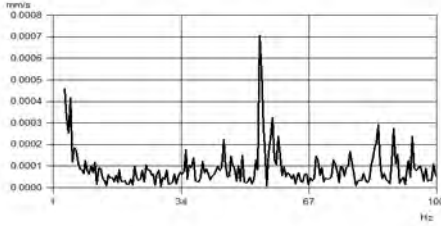


M8D Ril

2017-02-02 09-49-34 (5)

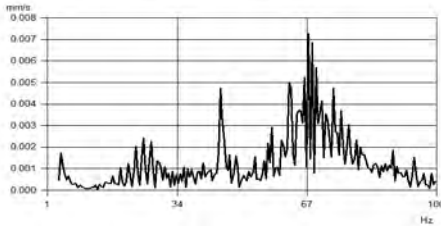
MP1 (Kanal\_001)

$f_e = 54.2 \text{ Hz} / v(\max) = 0.001 \text{ mm/s}$



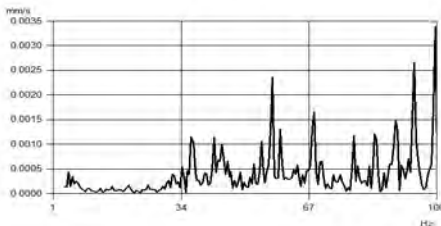
MP2.1 (Kanal\_002)

$f_e = 67.4 \text{ Hz} / v(\max) = 0.007 \text{ mm/s}$



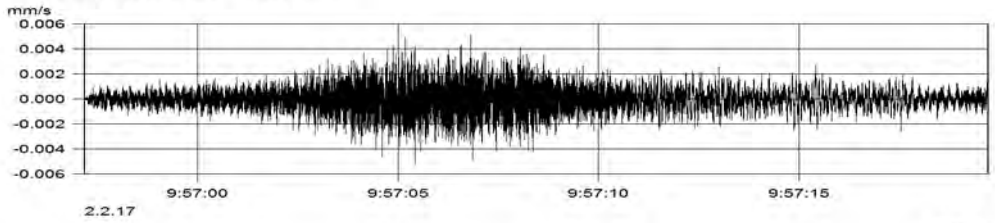
MP2.2 (Kanal\_003)

$f_e = 99.6 \text{ Hz} / v(\max) = 0.003 \text{ mm/s}$



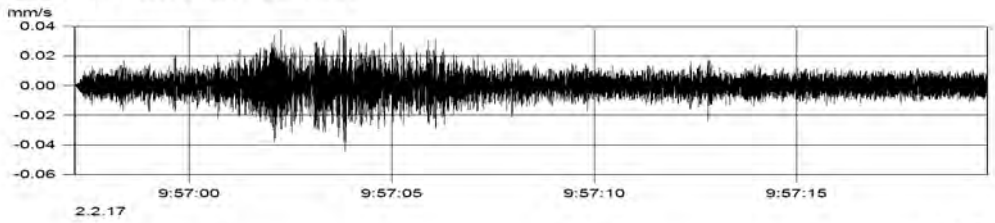
2017-02-02 09:51-17 (6): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



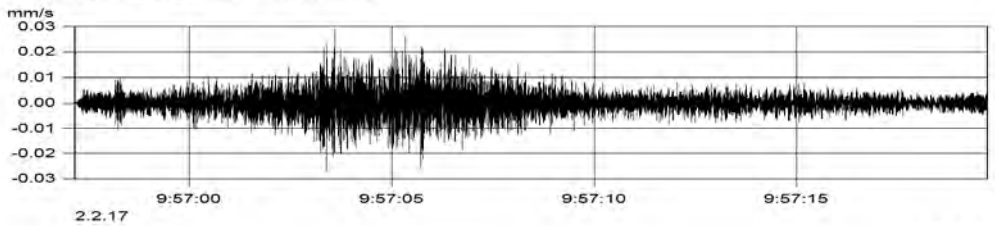
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.044 mm/s



h:m:s

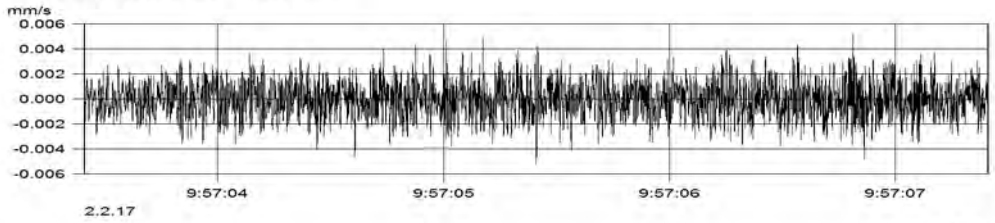
MP2.2 (Kanal\_003) v(max) = 0.029 mm/s



h:m:s

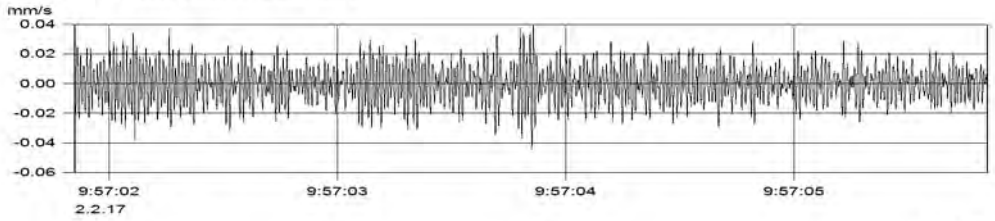
2017-02-02 09:51-17 (6): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



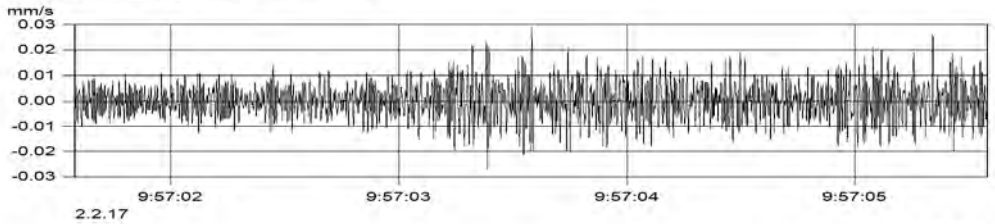
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.044 mm/s



h:m:s

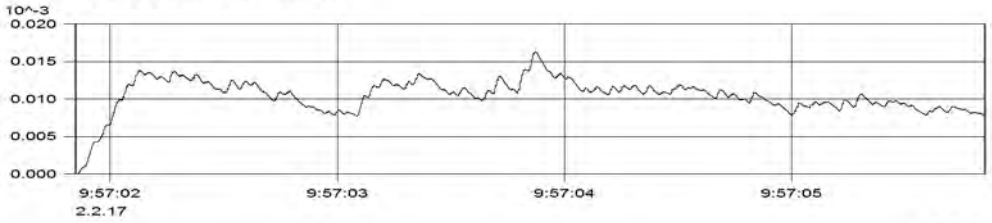
MP2.2 (Kanal\_003) v(max) = 0.029 mm/s



h:m:s

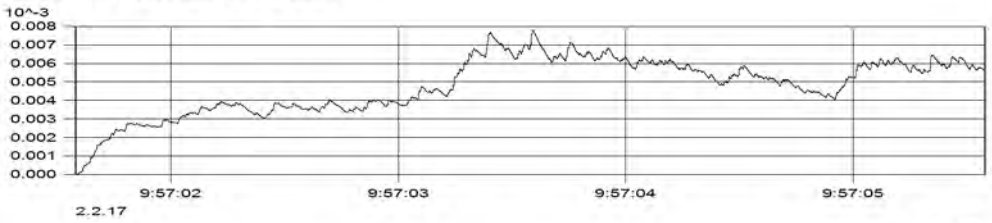
2017-02-02 09:51-17 (6): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.016[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.008[-]



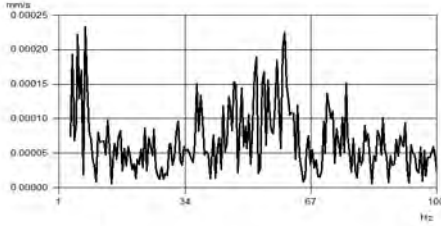
h:m:s

M8D Ril

2017-02-02 09-51-17 (6)

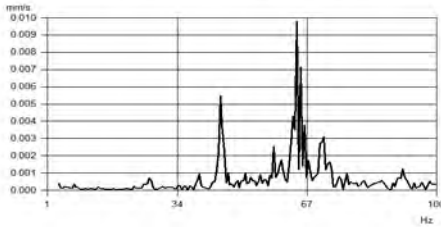
MP1 (Kanal\_001)

fe = 119.6 Hz / v(max) = 0.000 mm/s



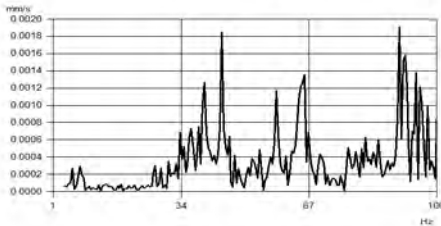
MP2.1 (Kanal\_002)

fe = 64.5 Hz / v(max) = 0.010 mm/s



MP2.2 (Kanal\_003)

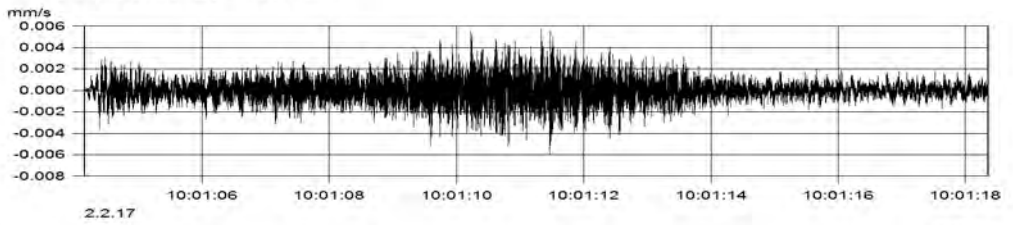
fe = 103.0 Hz / v(max) = 0.002 mm/s



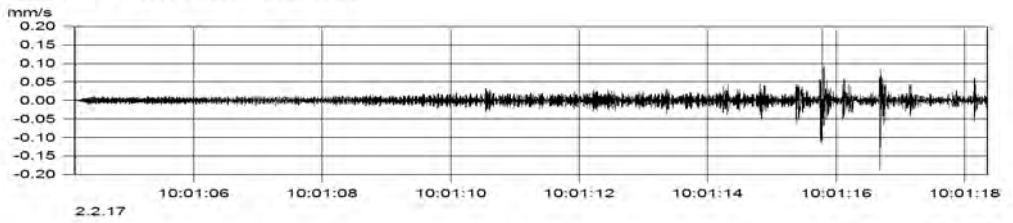


2017-02-02 09:57-22 (7): M8D 3fach Ril

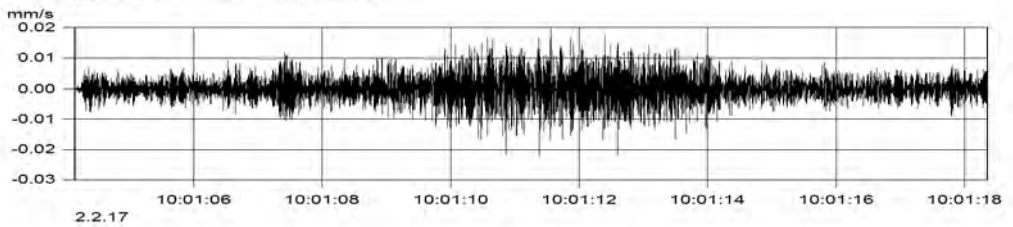
MP1 (Kanal\_001) v(max) = 0.006 mm/s



MP2.1 (Kanal\_002) v(max) = 0.196 mm/s

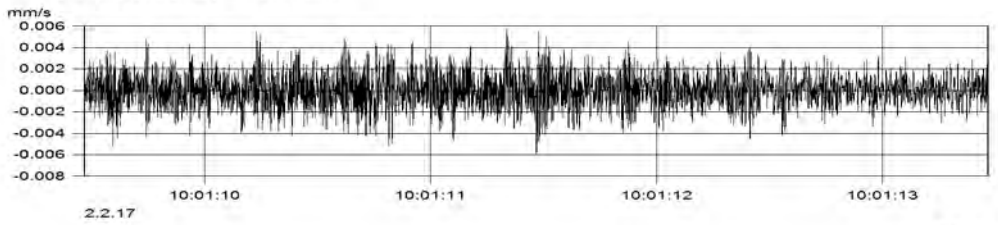


MP2.2 (Kanal\_003) v(max) = 0.022 mm/s



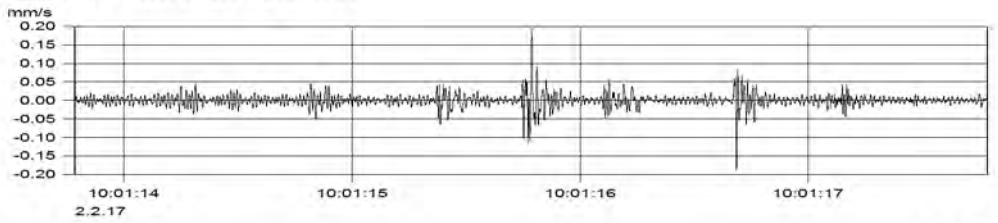
2017-02-02 09:57-22 (7): M8D 3fach Ril

MP1 (Kanal\_001) v(max) = 0.006 mm/s



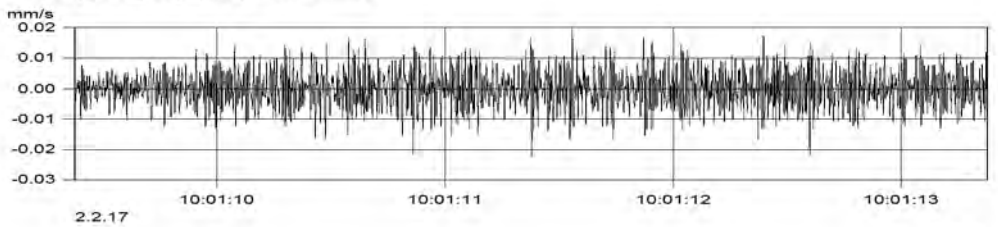
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.196 mm/s



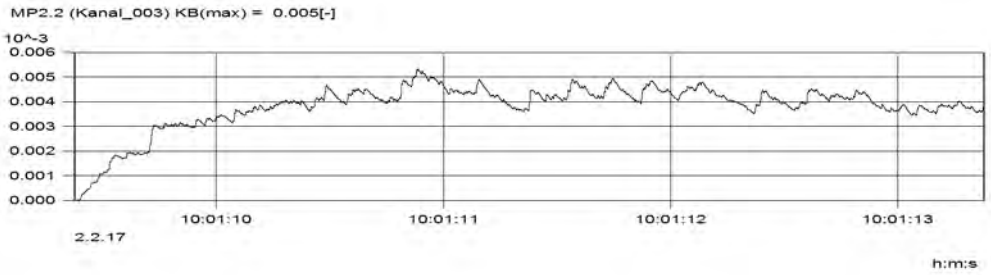
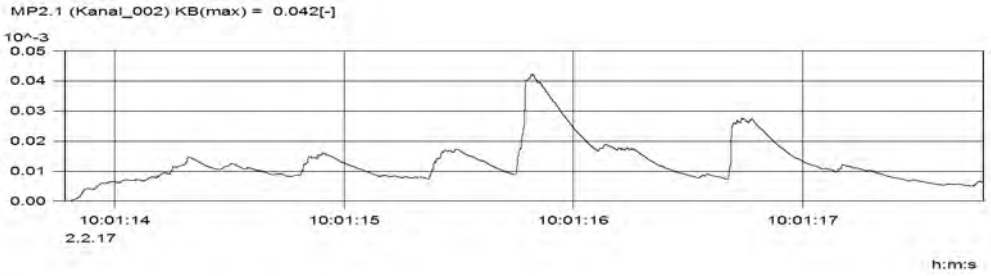
h:m:s

MP2.2 (Kanal\_003) v(max) = 0.022 mm/s



h:m:s

2017-02-02 09:57-22 (7): M8D 3fach Ril

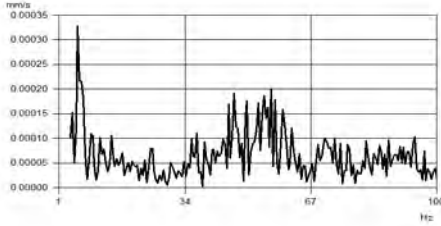


M8D 3fach Ril

2017-02-02 09-57-22 (7)

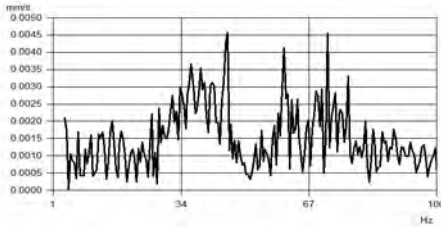
MP1 (Kanal\_001)

$f_e = 143.6 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



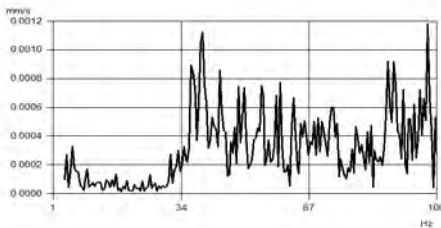
MP2.1 (Kanal\_002)

$f_e = 45.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



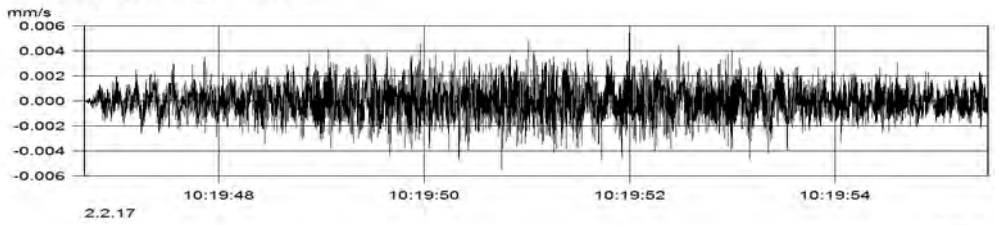
MP2.2 (Kanal\_003)

$f_e = 131.8 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$

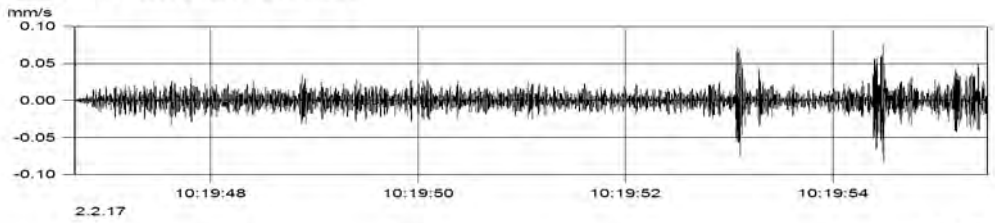


2017-02-02 10-12-32 (9): M8D Ril

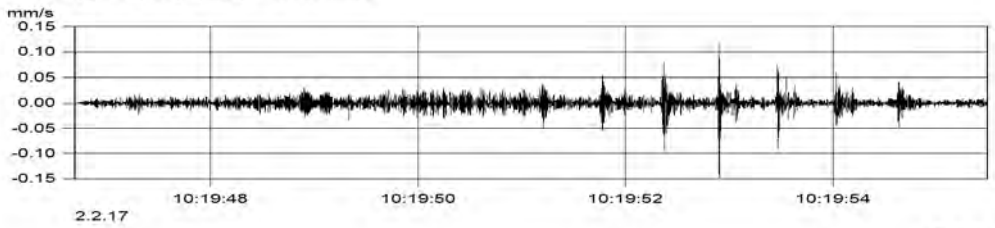
MP1 (Kanal\_001) v(max) = 0.005 mm/s



MP2.1 (Kanal\_002) v(max) = 0.084 mm/s

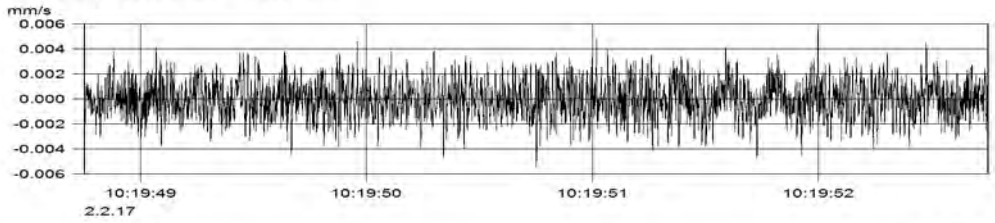


MP2.2 (Kanal\_003) v(max) = 0.148 mm/s



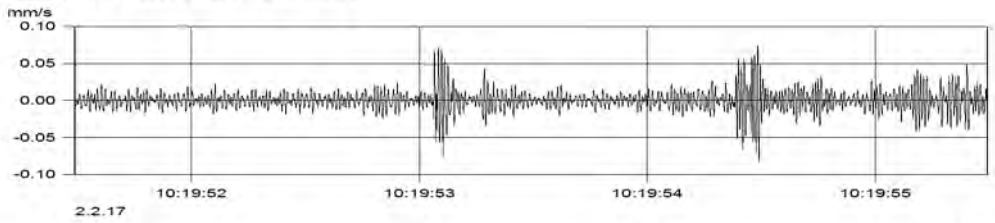
2017-02-02 10-12-32 (9): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



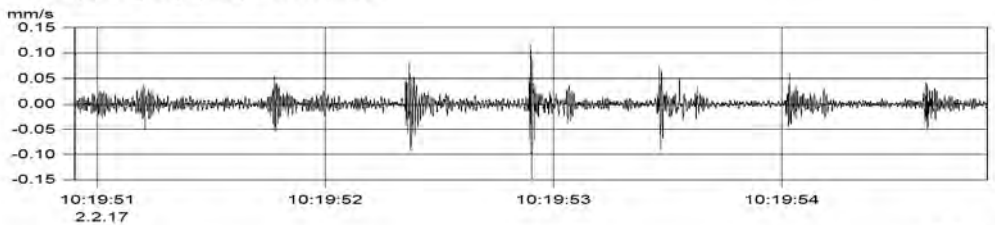
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.084 mm/s



h:m:s

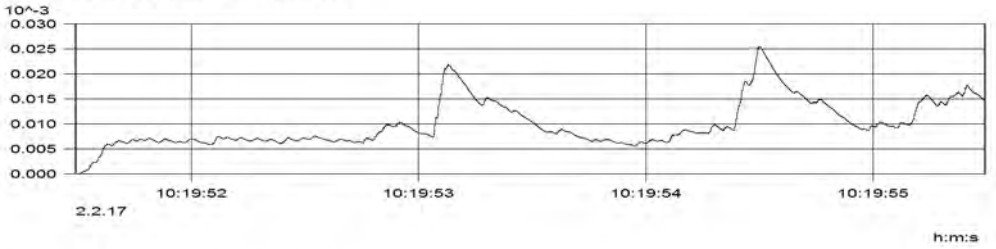
MP2.2 (Kanal\_003) v(max) = 0.148 mm/s



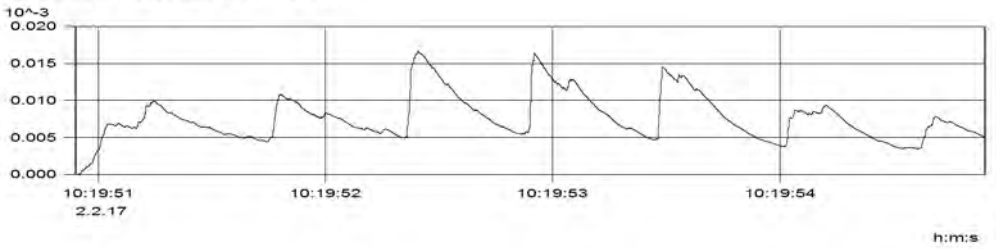
h:m:s

2017-02-02 10:12:32 (9): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.026[-]



MP2.2 (Kanal\_003) KB(max) = 0.017[-]



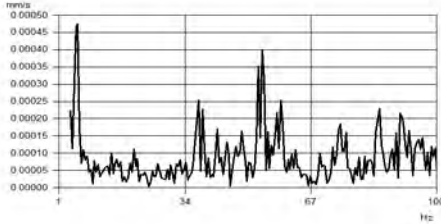


M8D Ril

2017-02-02 10-12-32 (9)

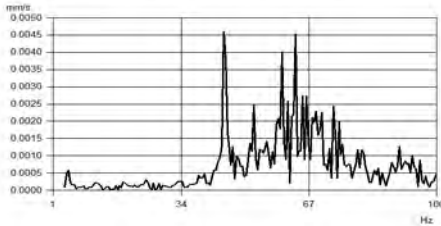
MP1 (Kanal\_001)

$f_e = 5.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



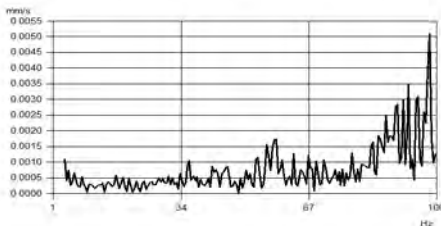
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



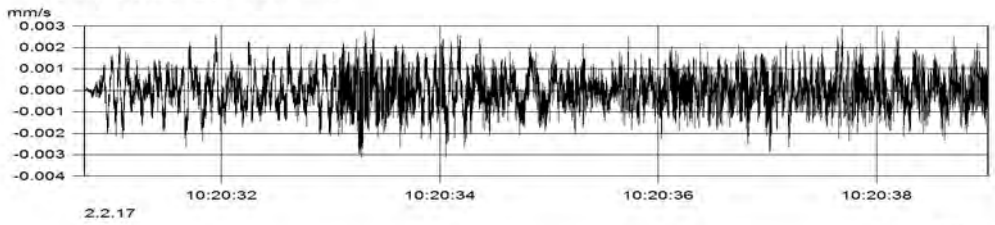
MP2.2 (Kanal\_003)

$f_e = 98.1 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



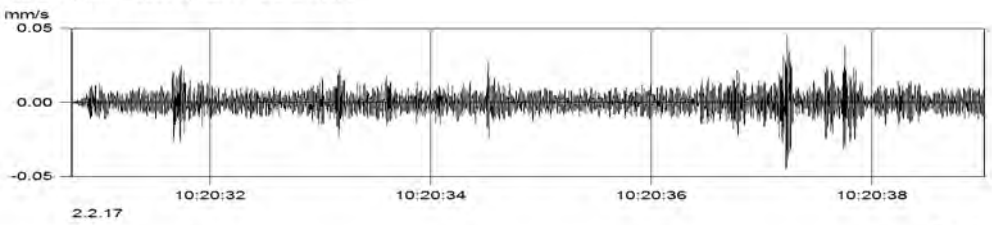
2017-02-02 10:20:12 (10): M8D Rill

MP1 (Kanal\_001) v(max) = 0.003 mm/s



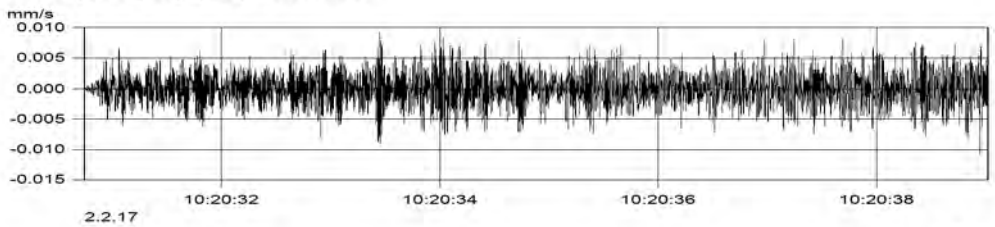
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.046 mm/s



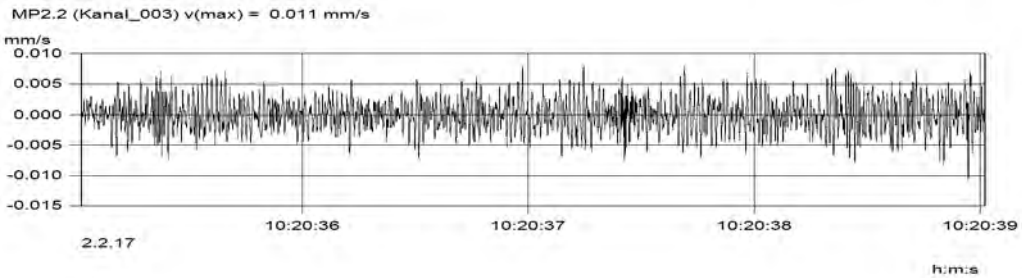
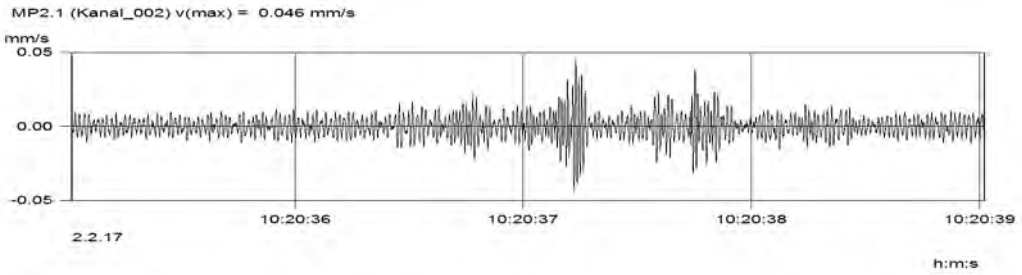
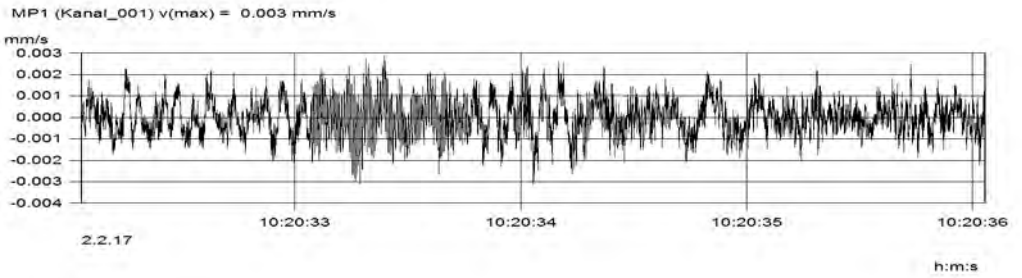
h:m:s

MP2.2 (Kanal\_003) v(max) = 0.011 mm/s



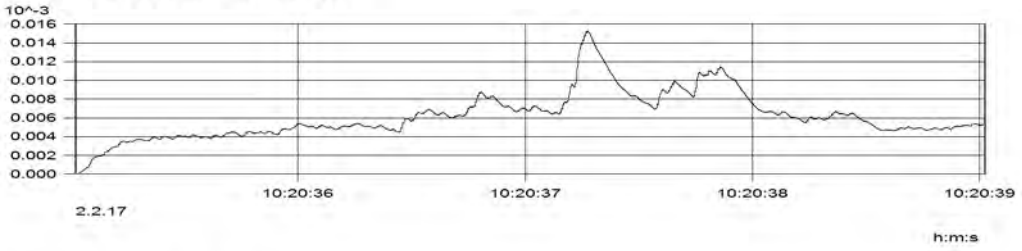
h:m:s

2017-02-02 10:20:12 (10): M8D Rill

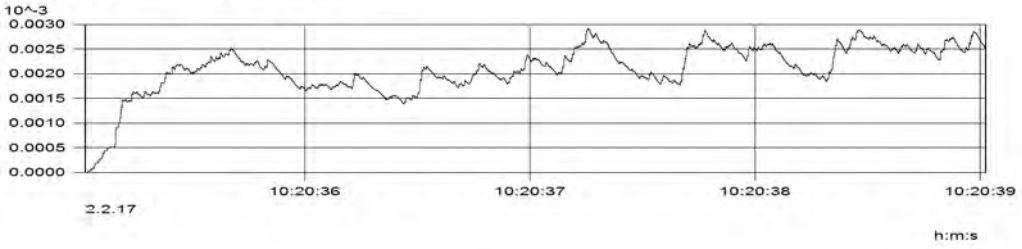


2017-02-02 10:20-12 (10): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.015[-]



MP2.2 (Kanal\_003) KB(max) = 0.003[-]

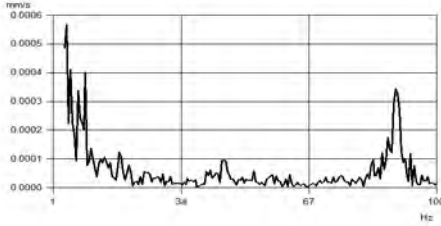


M8D Rill

2017-02-02 10-20-12 (10)

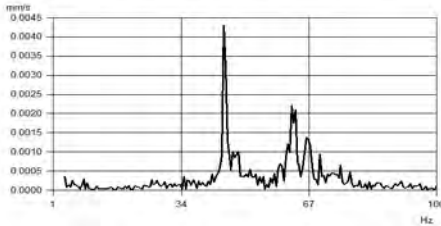
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



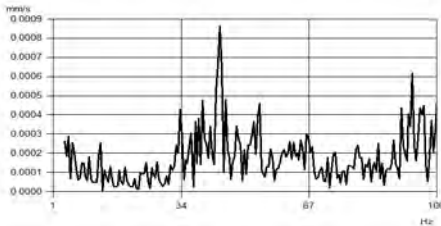
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



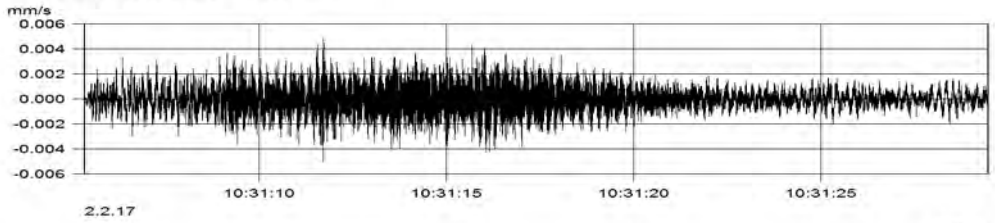
MP2.2 (Kanal\_003)

$f_e = 43.9 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



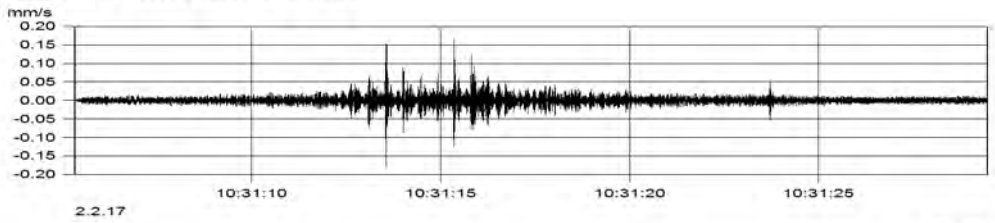
2017-02-02 10-20-58 (11): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.005 mm/s



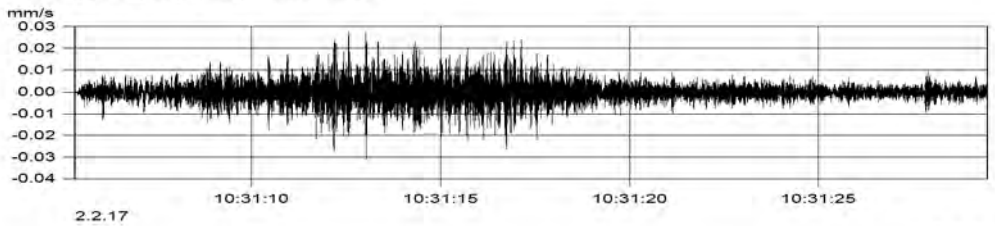
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.181 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.031 mm/s

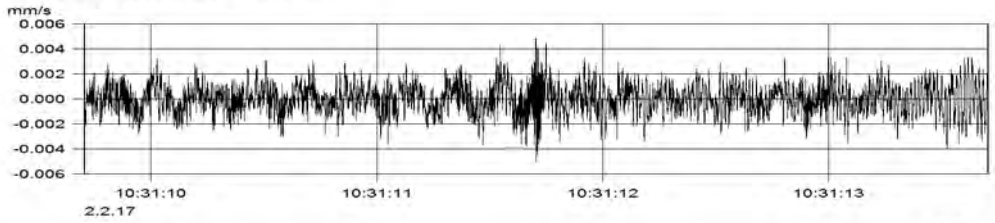


h:m:s



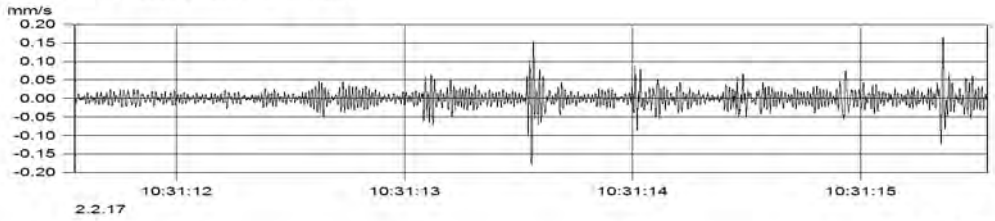
2017-02-02 10-20-58 (11): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.005 mm/s



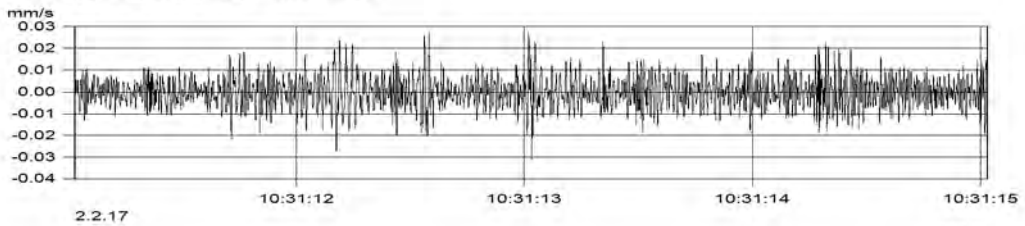
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.181 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.031 mm/s

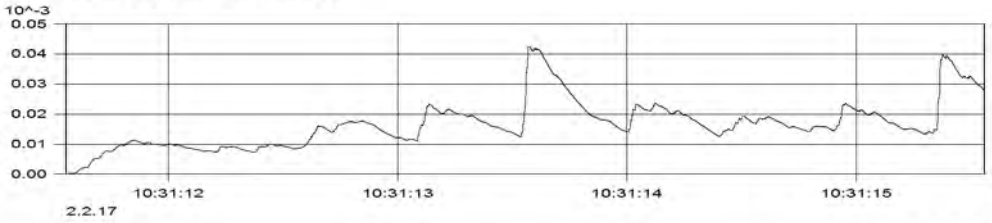


h:m:s



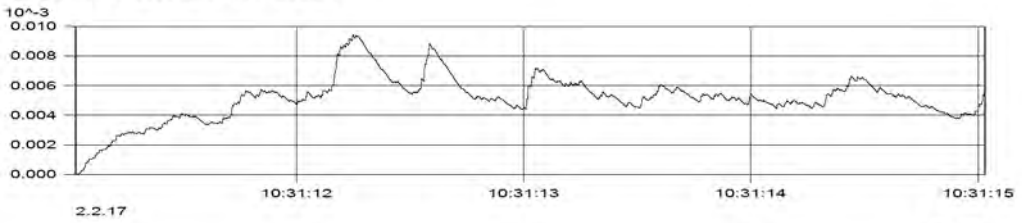
2017-02-02 10-20-58 (11): M8D 3fach Rill

MP2.1 (Kanal\_002) KB(max) = 0.043[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.009[-]



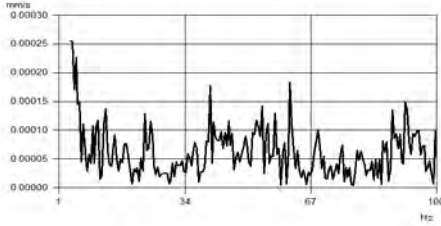
h:m:s

M8D 3fach Rill

2017-02-02 10-20-58 (11)

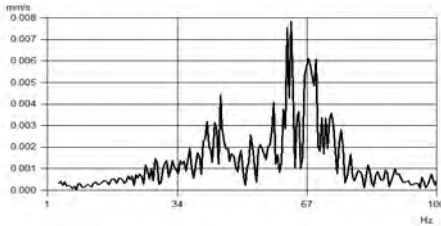
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



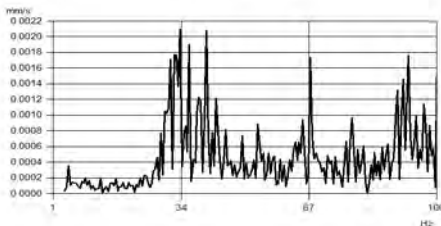
MP2.1 (Kanal\_002)

$f_e = 63.0 \text{ Hz} / v(\text{max}) = 0.008 \text{ mm/s}$



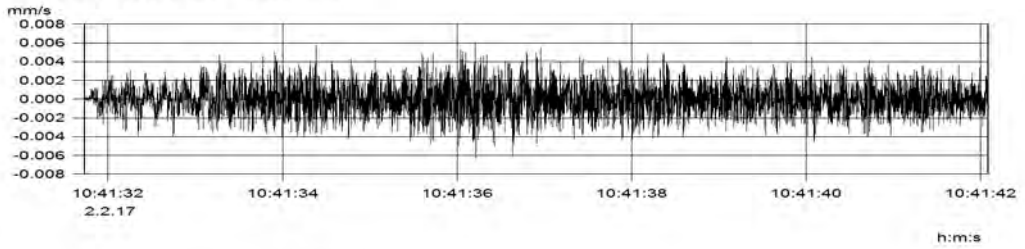
MP2.2 (Kanal\_003)

$f_e = 33.7 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

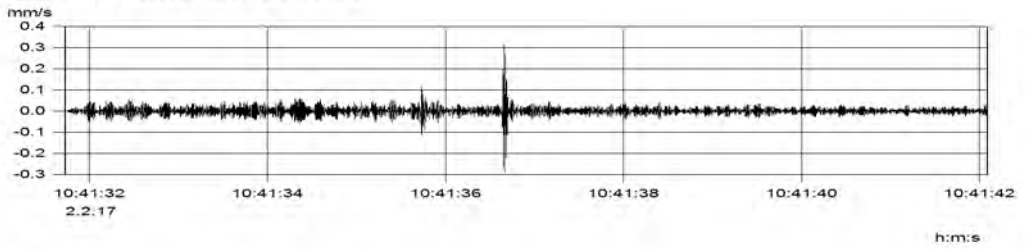


2017-02-02 10:33-26 (13): M8D 3fach Ril

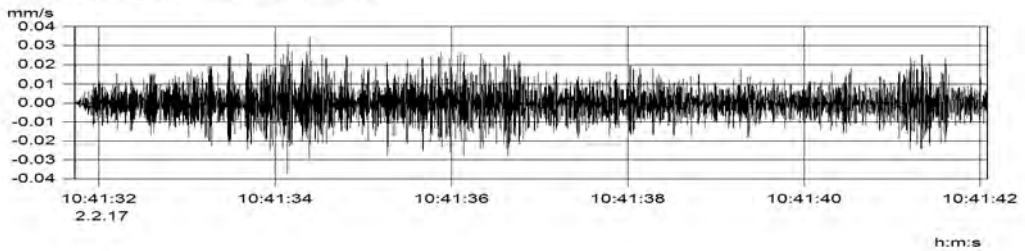
MP1 (Kanal\_001) v(max) = 0.006 mm/s



MP2.1 (Kanal\_002) v(max) = 0.312 mm/s

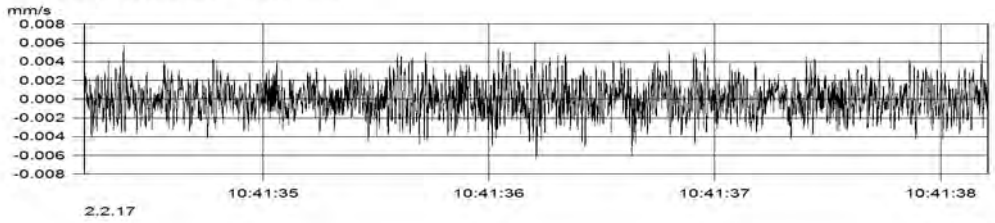


MP2.2 (Kanal\_003) v(max) = 0.037 mm/s



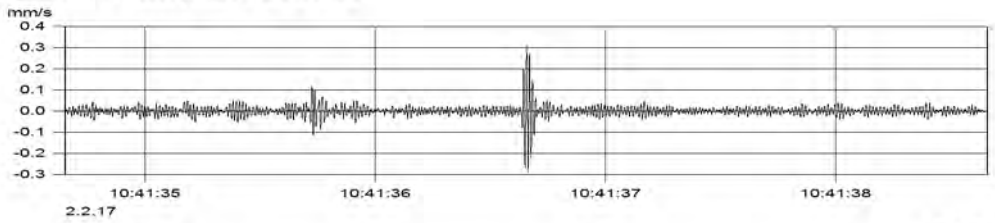
2017-02-02 10:33-26 (13): M8D 3fach Ril

MP1 (Kanal\_001) v(max) = 0.006 mm/s



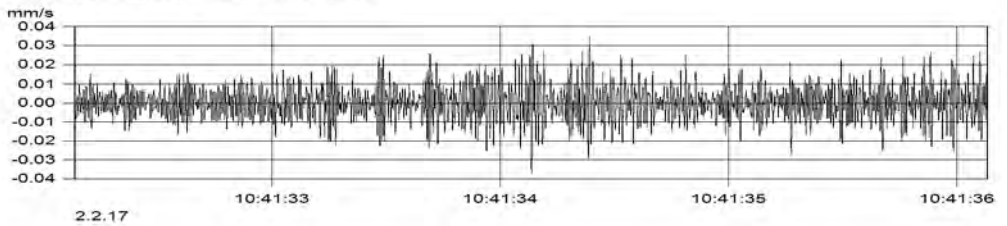
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.312 mm/s



h:m:s

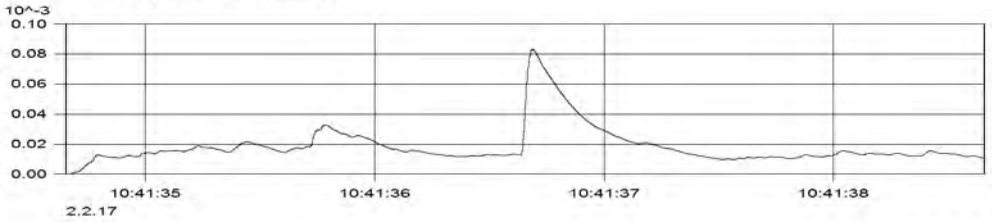
MP2.2 (Kanal\_003) v(max) = 0.037 mm/s



h:m:s

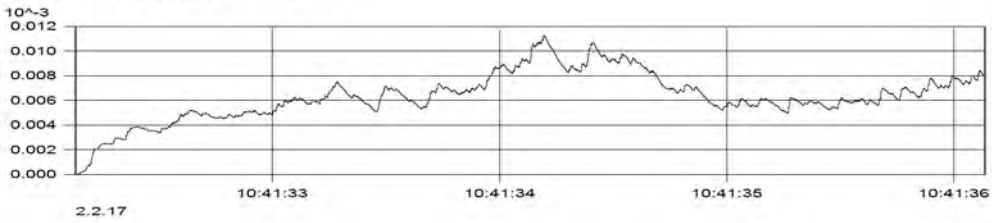
2017-02-02 10-33-26 (13): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.083[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.011[-]



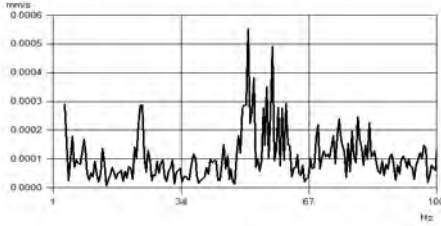
h:m:s

M8D 3fach Ril

2017-02-02 10-33-26 (13)

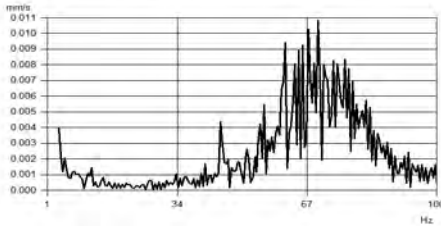
MP1 (Kanal\_001)

$f_e = 51.3 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



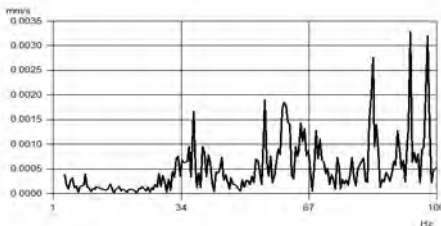
MP2.1 (Kanal\_002)

$f_e = 69.8 \text{ Hz} / v(\text{max}) = 0.011 \text{ mm/s}$



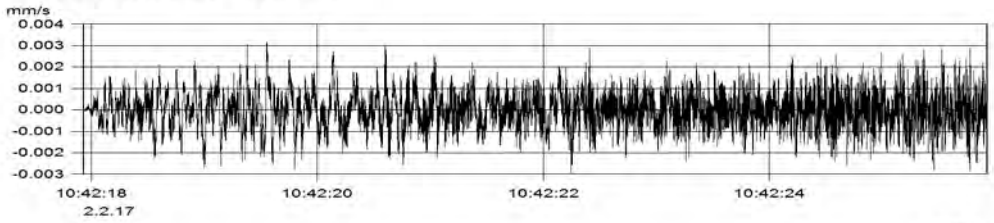
MP2.2 (Kanal\_003)

$f_e = 93.3 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$



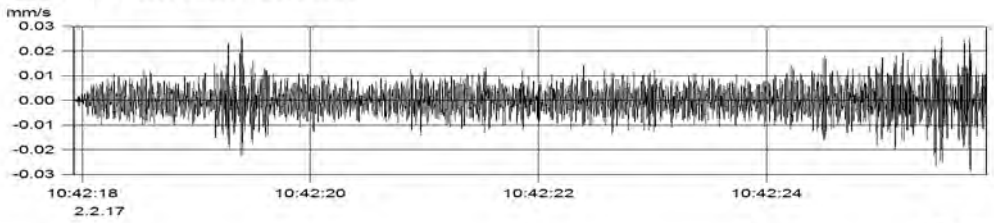
2017-02-02 10:41:59 (14): M8D Rill

MP1 (Kanal\_001) v(max) = 0.003 mm/s



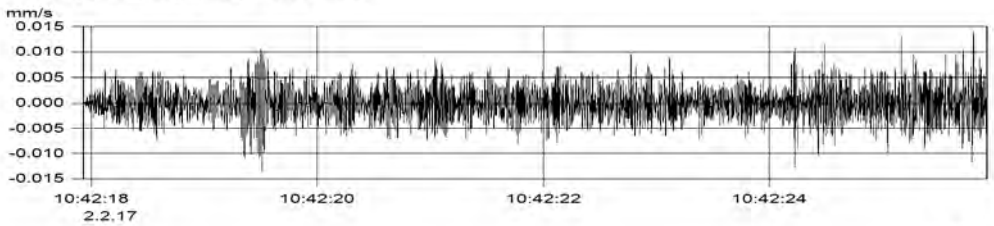
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.029 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.014 mm/s

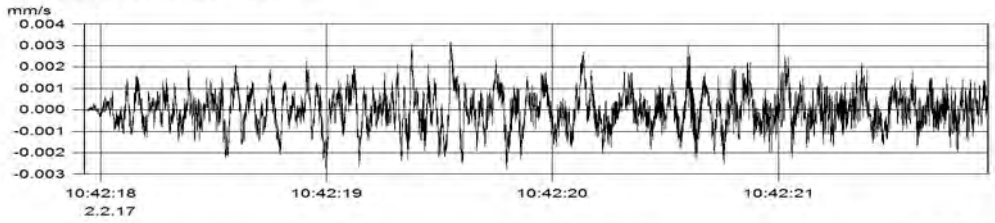


h:m:s



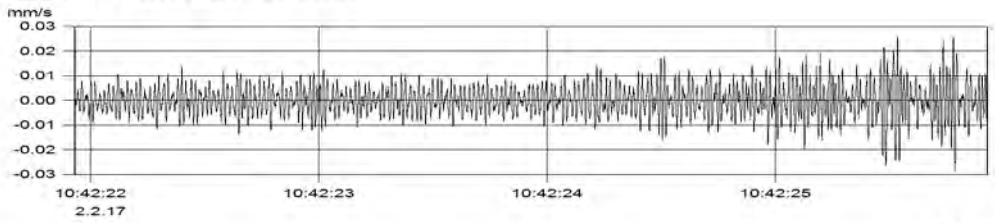
2017-02-02 10-41-59 (14): M8D Rill

MP1 (Kanal\_001) v(max) = 0.003 mm/s



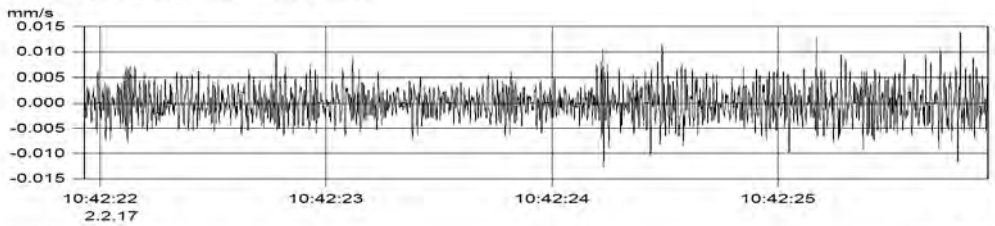
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.029 mm/s



h:m:s

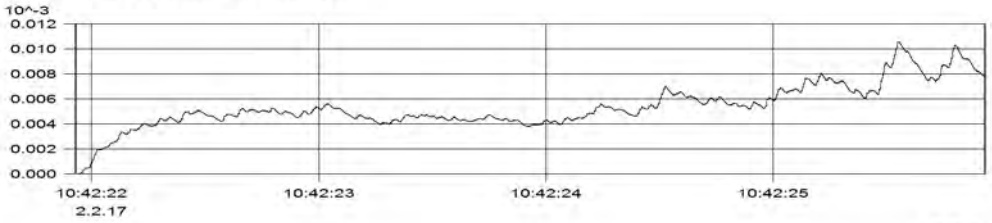
MP2.2 (Kanal\_003) v(max) = 0.014 mm/s



h:m:s

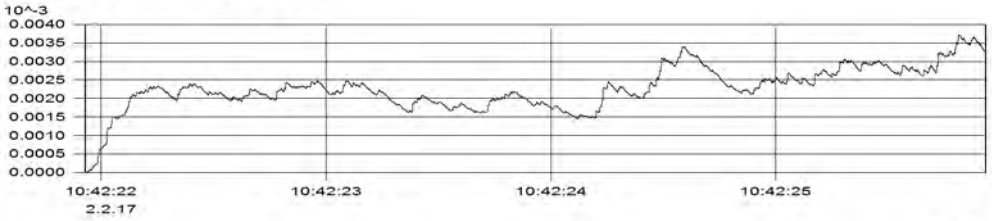
2017-02-02 10:41:59 (14): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.011[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.004[-]



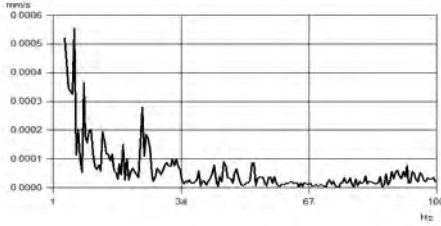
h:m:s

M8D Rill

2017-02-02 10-41-59 (14)

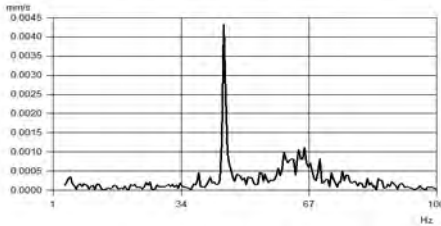
MP1 (Kanal\_001)

$f_e = 6.3 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



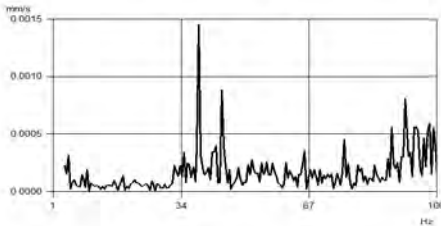
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



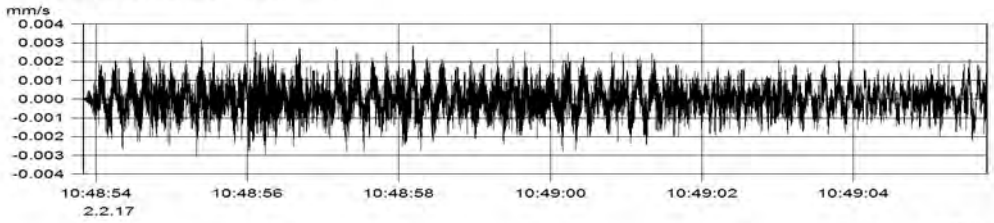
MP2.2 (Kanal\_003)

$f_e = 38.6 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$

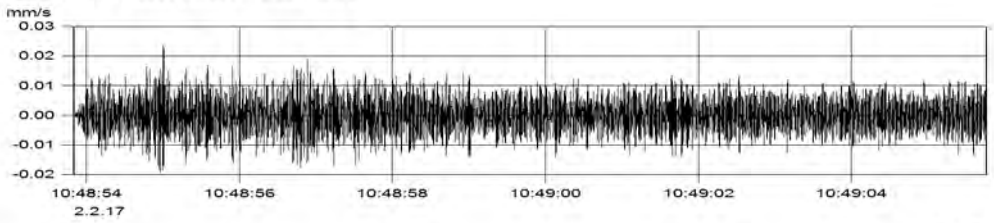


2017-02-02 10:42:47 (15): M8D Ril

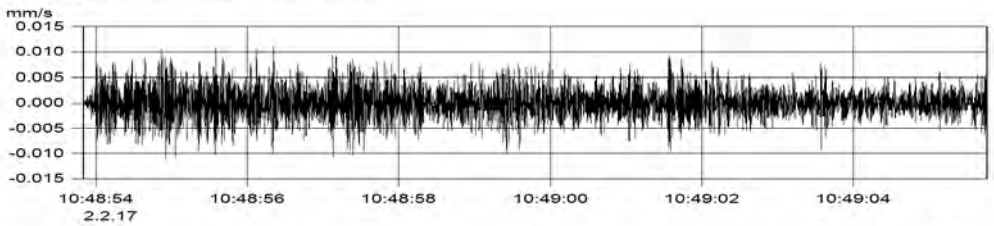
MP1 (Kanal\_001) v(max) = 0.003 mm/s



MP2.1 (Kanal\_002) v(max) = 0.024 mm/s

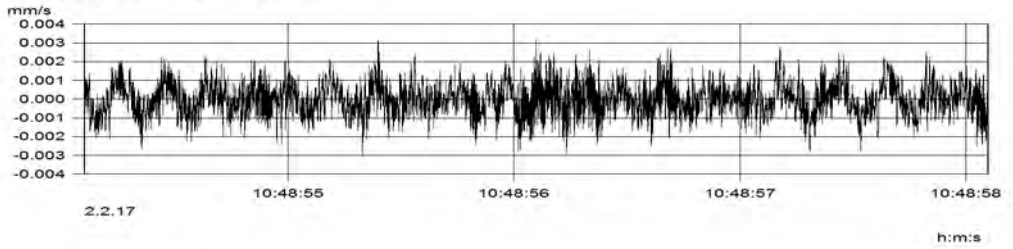


MP2.2 (Kanal\_003) v(max) = 0.011 mm/s

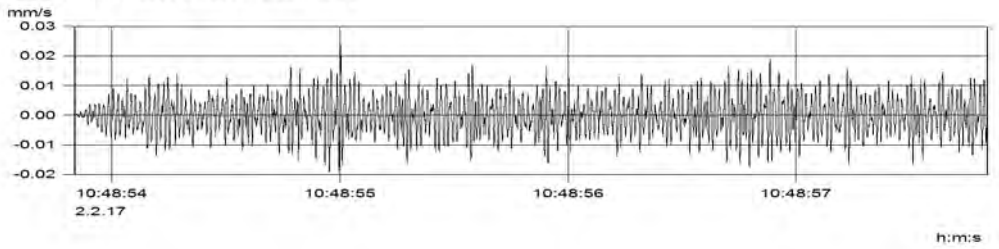


2017-02-02 10:42-47 (15): M8D Ril

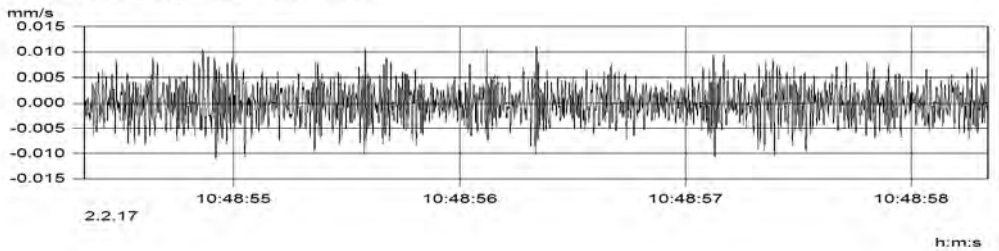
MP1 (Kanal\_001) v(max) = 0.003 mm/s



MP2.1 (Kanal\_002) v(max) = 0.024 mm/s

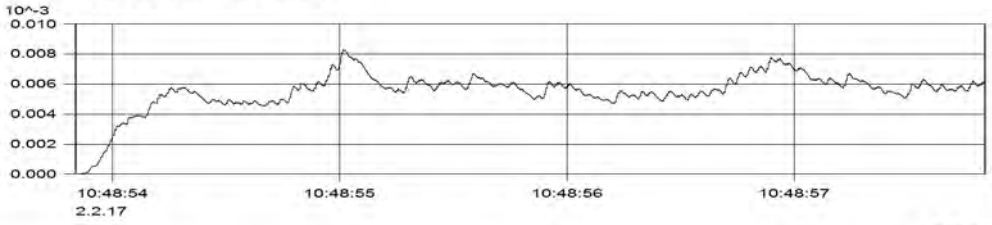


MP2.2 (Kanal\_003) v(max) = 0.011 mm/s

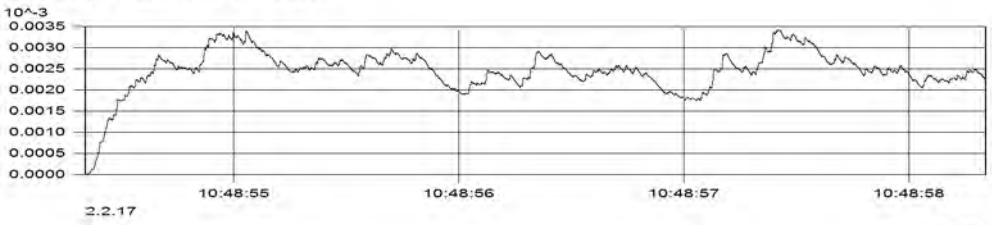


2017-02-02 10:42-47 (15): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.008[-]



MP2.2 (Kanal\_003) KB(max) = 0.003[-]

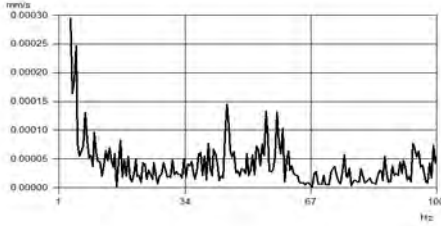


M8D Ril

2017-02-02 10-42-47 (15)

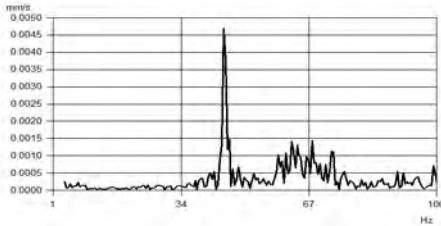
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



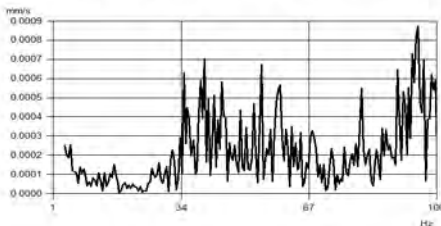
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



MP2.2 (Kanal\_003)

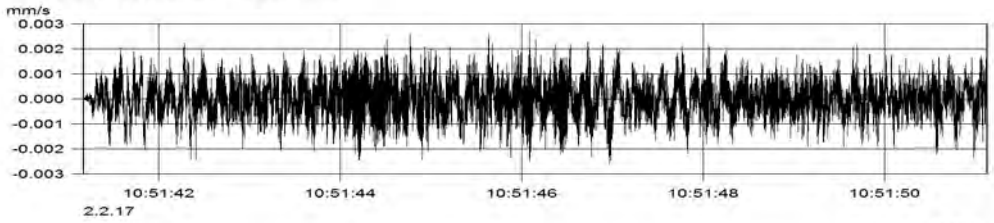
$f_e = 100.6 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$





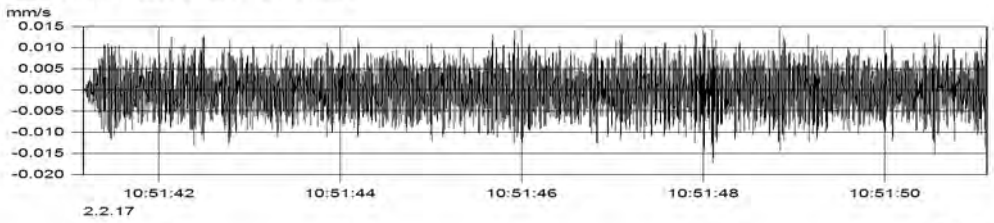
2017-02-02 10-49-12 (16): M8D Ril

MP1 (Kanal\_001) v(max) = 0.003 mm/s



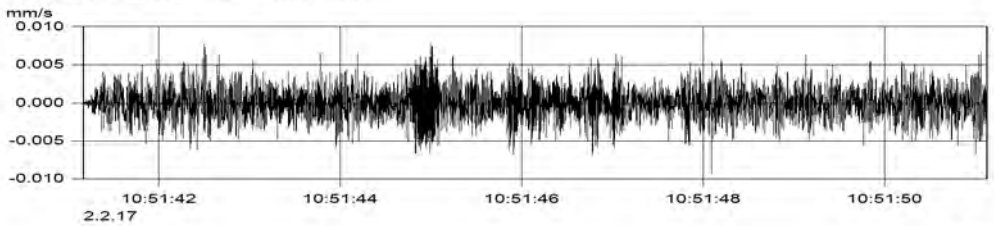
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.017 mm/s



h:m:s

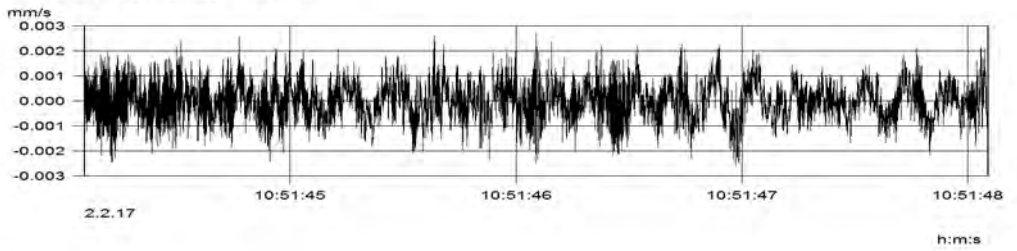
MP2.2 (Kanal\_003) v(max) = 0.009 mm/s



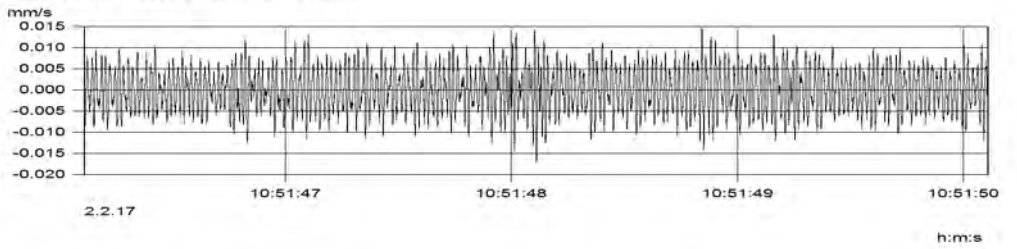
h:m:s

2017-02-02 10:49-12 (16): M8D Ril

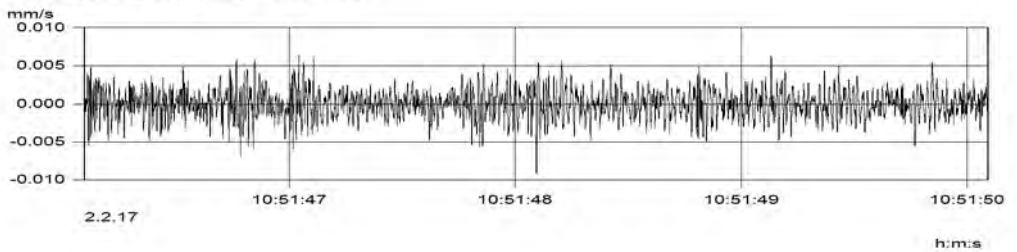
MP1 (Kanal\_001) v(max) = 0.003 mm/s



MP2.1 (Kanal\_002) v(max) = 0.017 mm/s

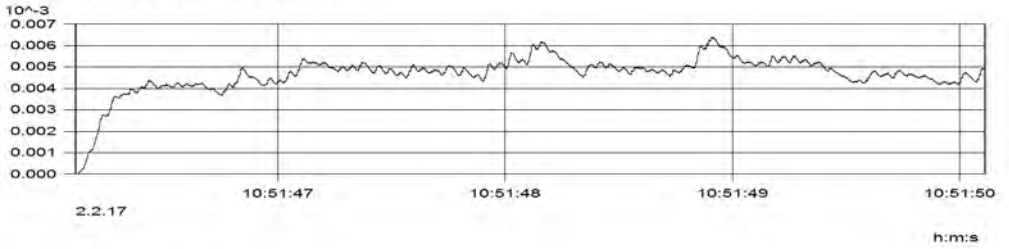


MP2.2 (Kanal\_003) v(max) = 0.009 mm/s

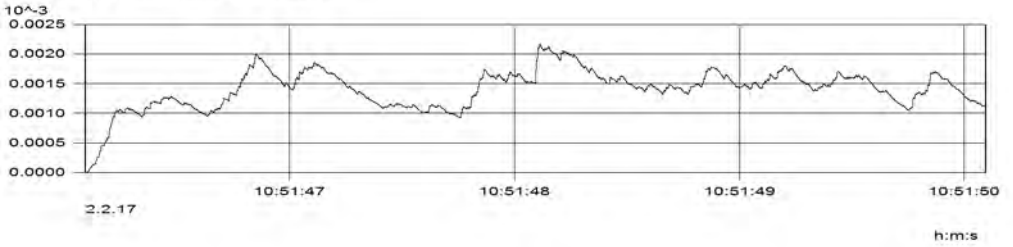


2017-02-02 10-49-12 (16): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.006[-]



MP2.2 (Kanal\_003) KB(max) = 0.002[-]

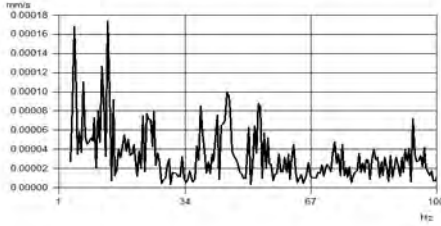


M8D Ril

2017-02-02 10-49-12 (16)

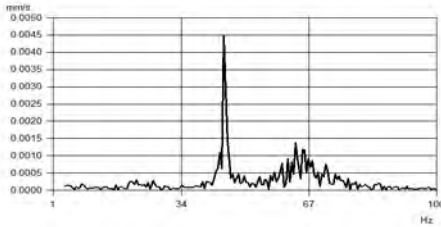
MP1 (Kanal\_001)

$f_e = 13.7 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



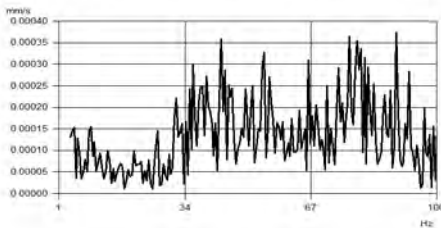
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



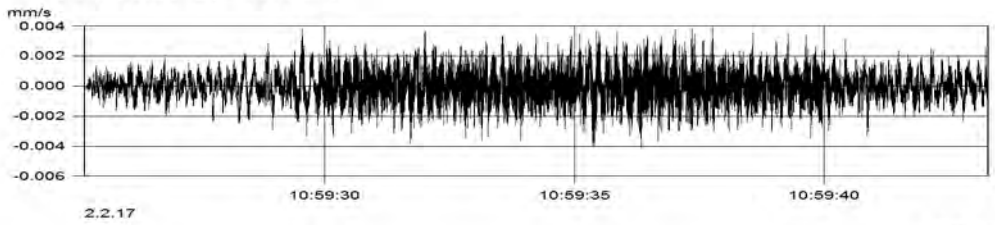
MP2.2 (Kanal\_003)

$f_e = 89.4 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



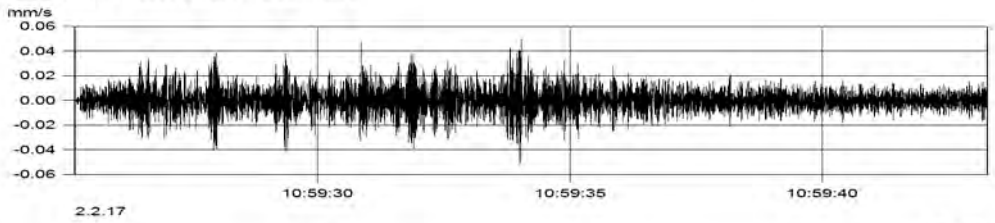
2017-02-02 10:52-07 (17): M8D 3fach Ril

MP1 (Kanal\_001) v(max) = 0.004 mm/s



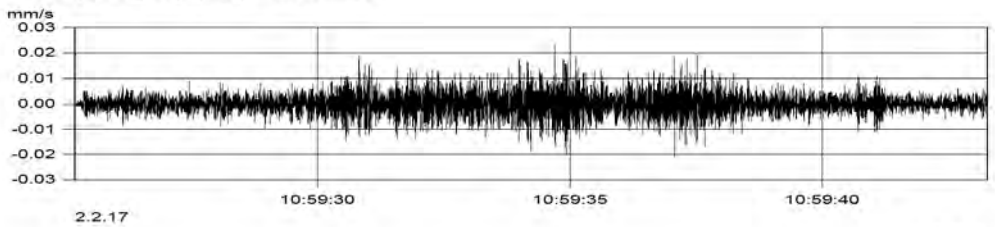
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.051 mm/s



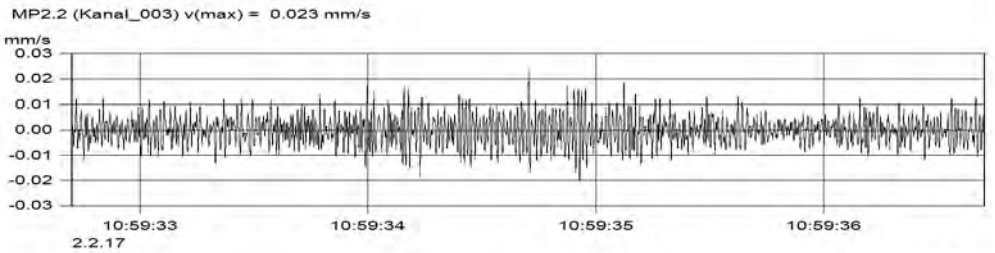
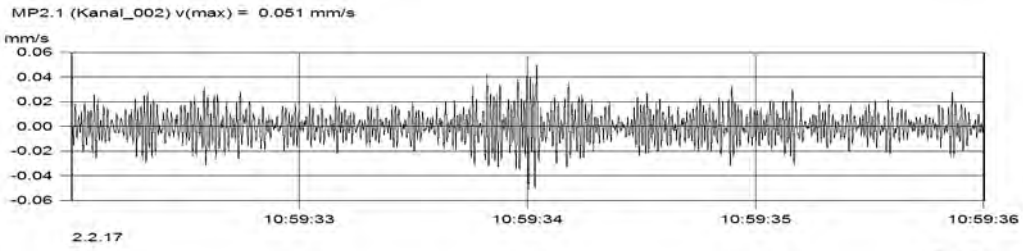
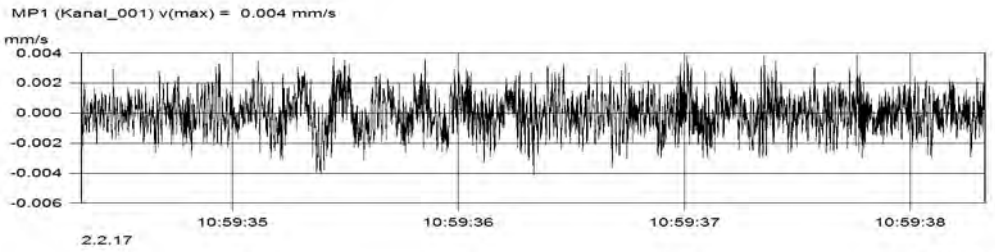
h:m:s

MP2.2 (Kanal\_003) v(max) = 0.023 mm/s



h:m:s

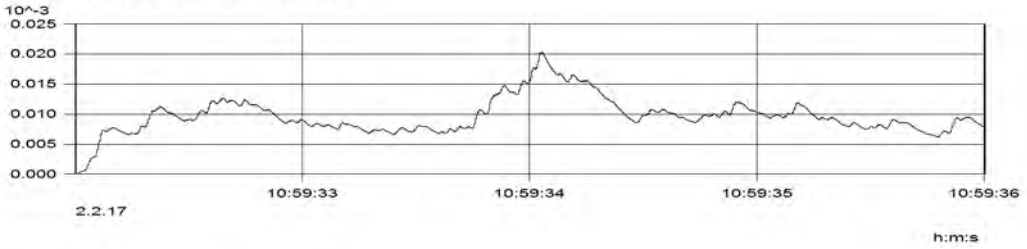
2017-02-02 10:52-07 (17): M8D 3fach Ril



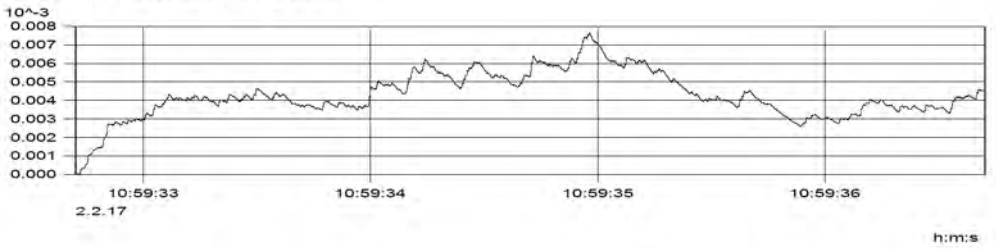


2017-02-02 10:52-07 (17): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.020[-]



MP2.2 (Kanal\_003) KB(max) = 0.008[-]



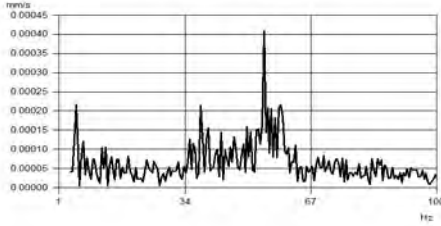


M8D 3fach Ril

2017-02-02 10-52-07 (17)

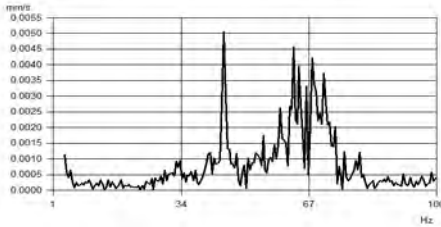
MP1 (Kanal\_001)

$f_e = 54.7 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



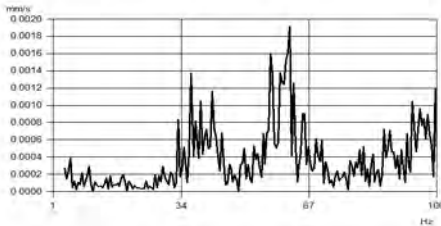
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



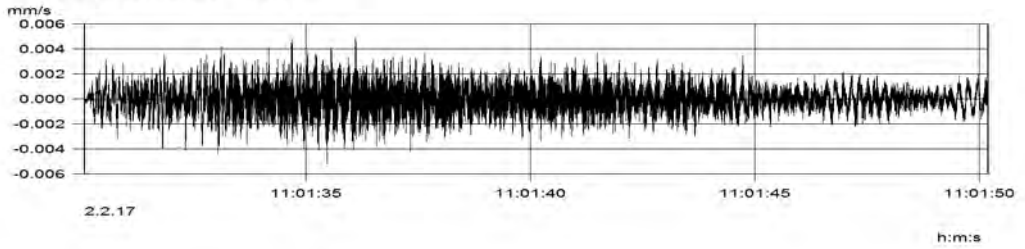
MP2.2 (Kanal\_003)

$f_e = 62.0 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

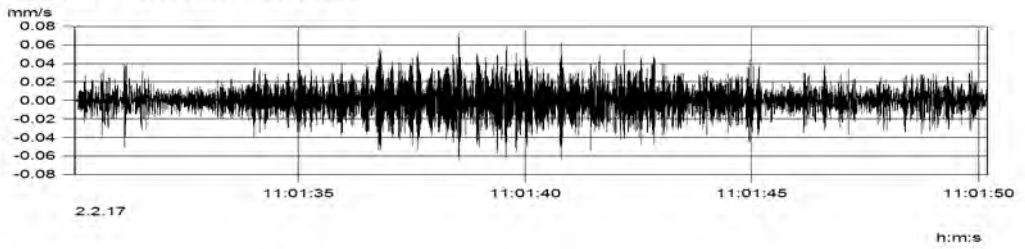


2017-02-02 10-59-53 (18): M8D 3fach Rill

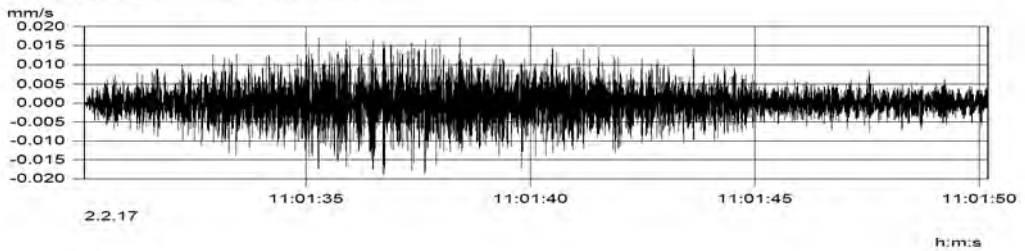
MP1 (Kanal\_001) v(max) = 0.005 mm/s



MP2.1 (Kanal\_002) v(max) = 0.073 mm/s

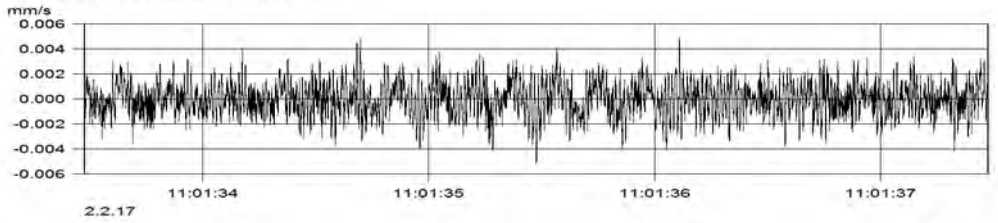


MP2.2 (Kanal\_003) v(max) = 0.019 mm/s



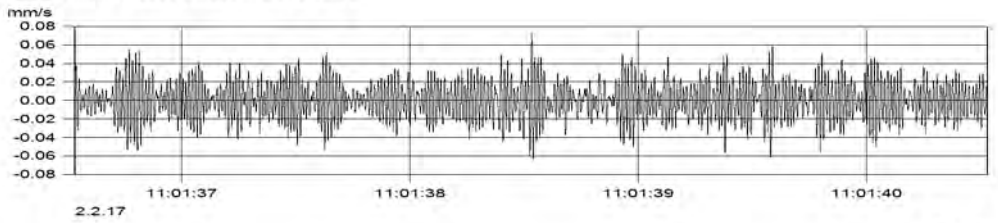
2017-02-02 10-59-53 (18): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.005 mm/s



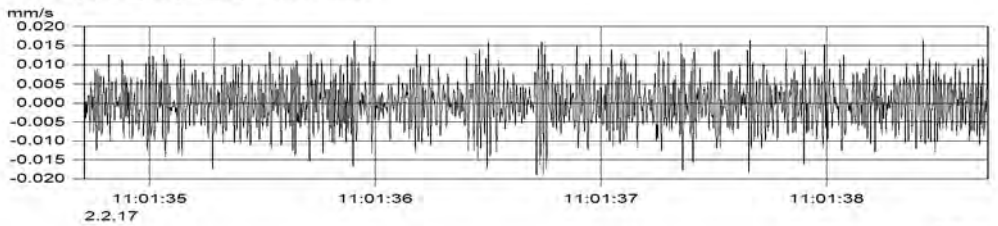
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.073 mm/s



h:m:s

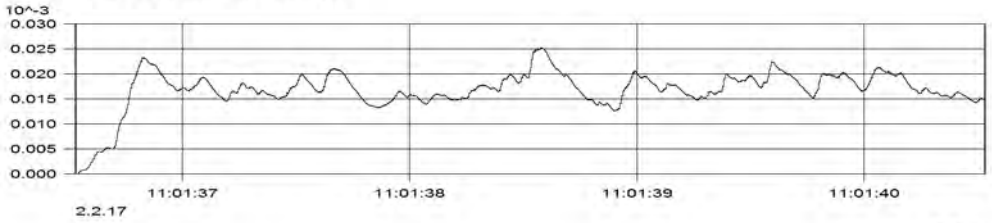
MP2.2 (Kanal\_003) v(max) = 0.019 mm/s



h:m:s

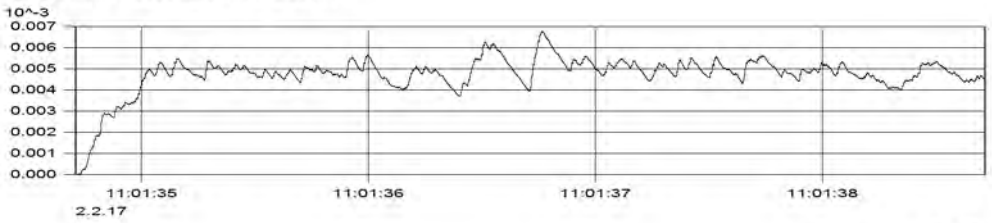
2017-02-02 10-59-53 (18): M8D 3fach Rill

MP2.1 (Kanal\_002) KB(max) = 0.025[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.007[-]



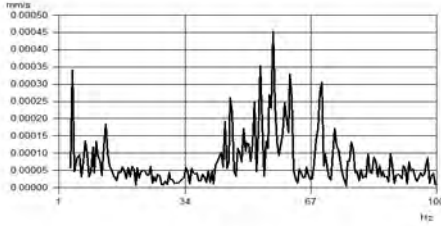
h:m:s

M8D 3fach Rill

2017-02-02 10-59-53 (18)

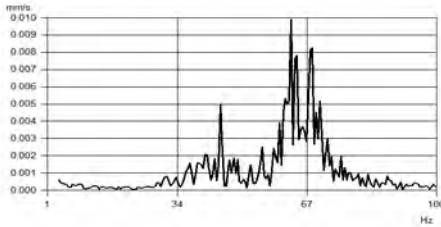
MP1 (Kanal\_001)

fe = 57.1 Hz / v(max) = 0.000 mm/s



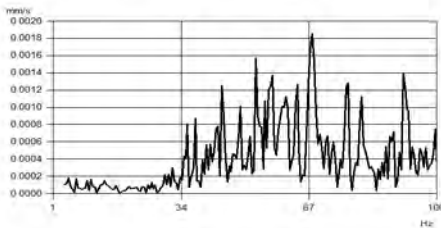
MP2.1 (Kanal\_002)

fe = 63.0 Hz / v(max) = 0.010 mm/s



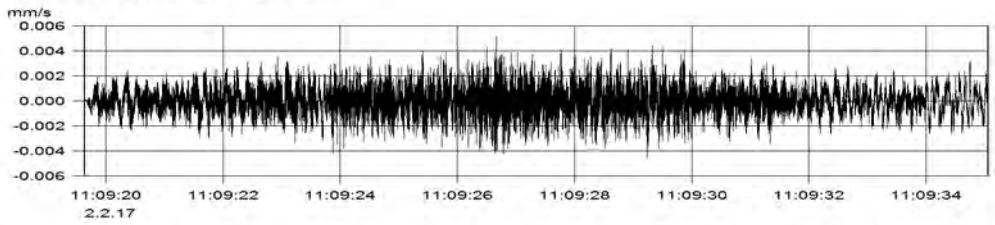
MP2.2 (Kanal\_003)

fe = 67.9 Hz / v(max) = 0.002 mm/s



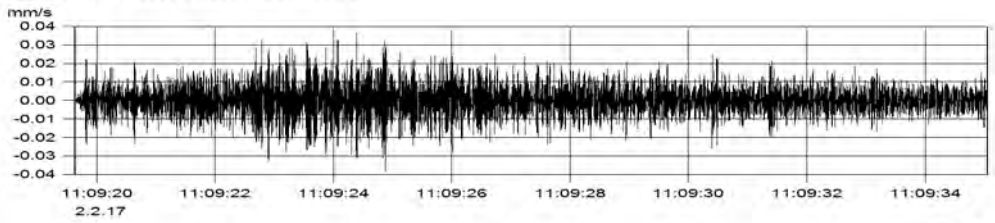
2017-02-02 11-01-55 (19): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



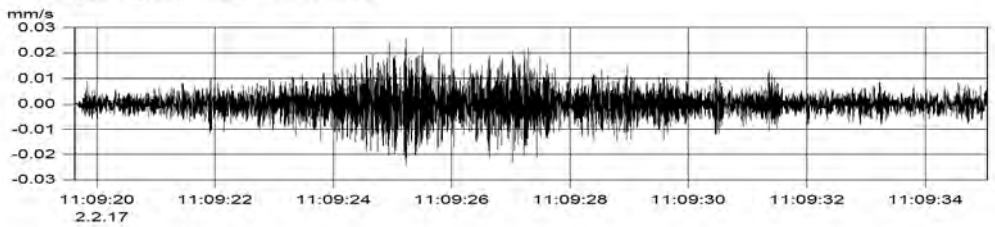
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.038 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.026 mm/s

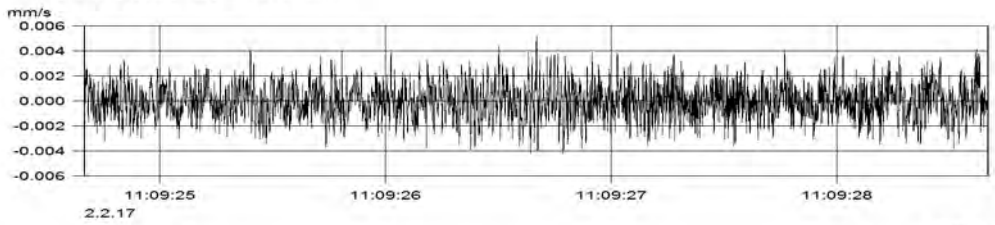


h:m:s

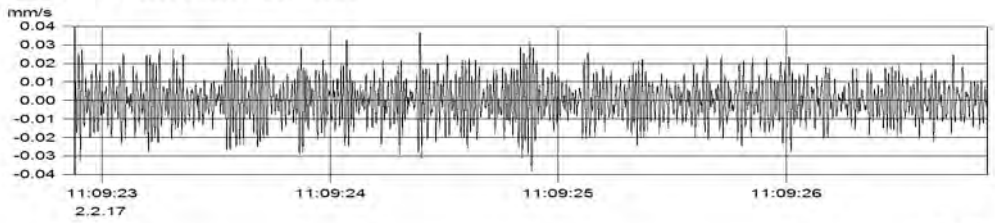


2017-02-02 11-01-55 (19): M8D Ril

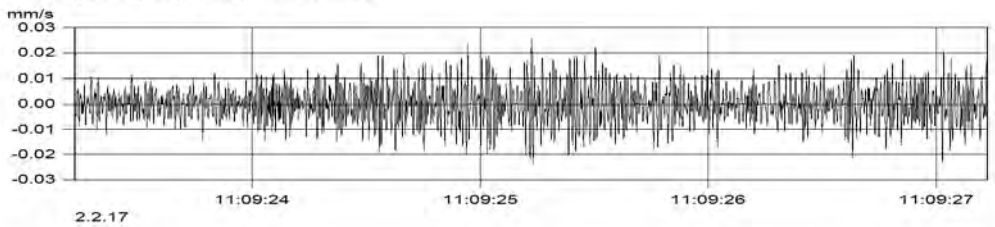
MP1 (Kanal\_001) v(max) = 0.005 mm/s



MP2.1 (Kanal\_002) v(max) = 0.038 mm/s



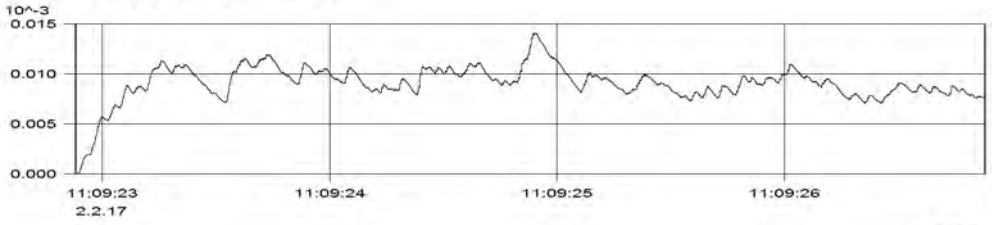
MP2.2 (Kanal\_003) v(max) = 0.026 mm/s





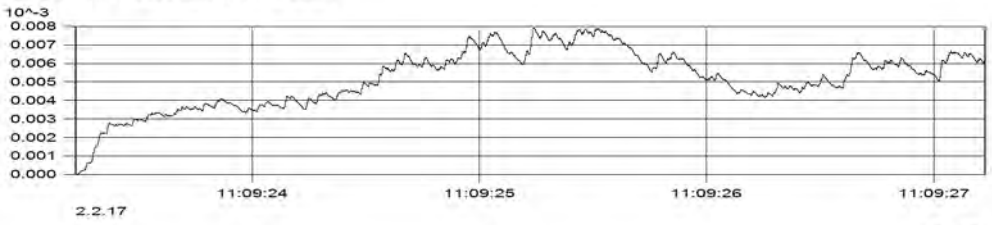
2017-02-02 11-01-55 (19): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.014[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.008[-]



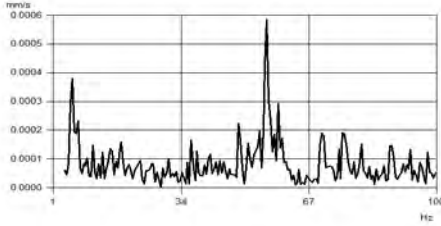
h:m:s

M8D Ril

2017-02-02 11-01-55 (19)

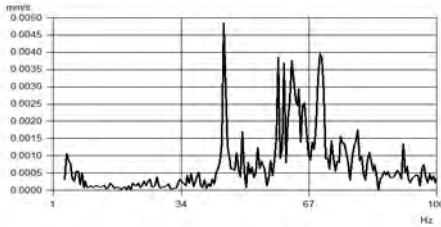
MP1 (Kanal\_001)

$f_e = 56.2 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



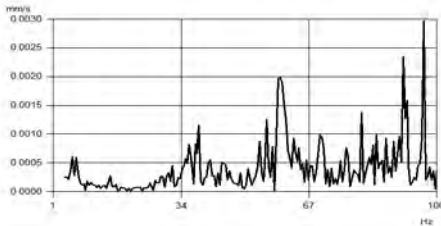
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$

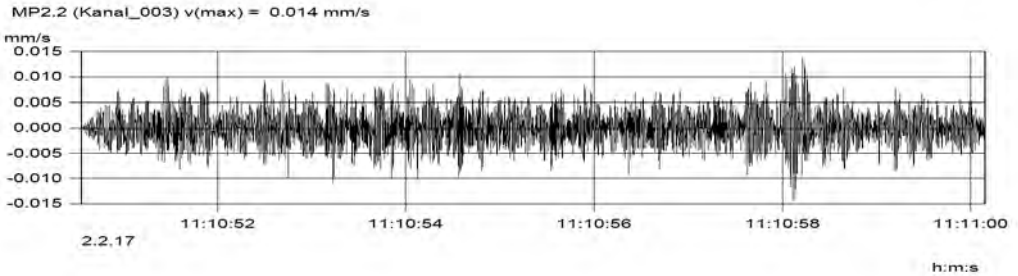
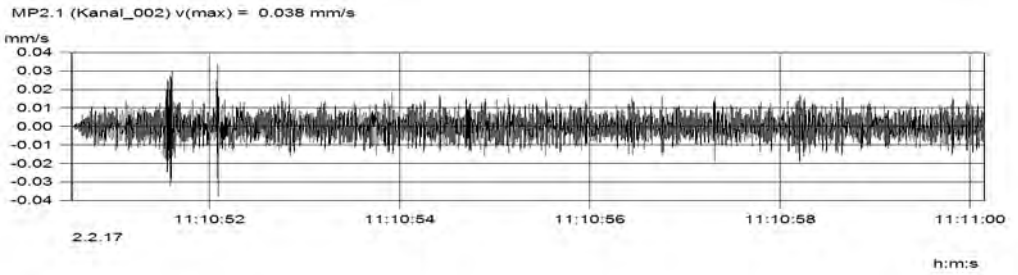
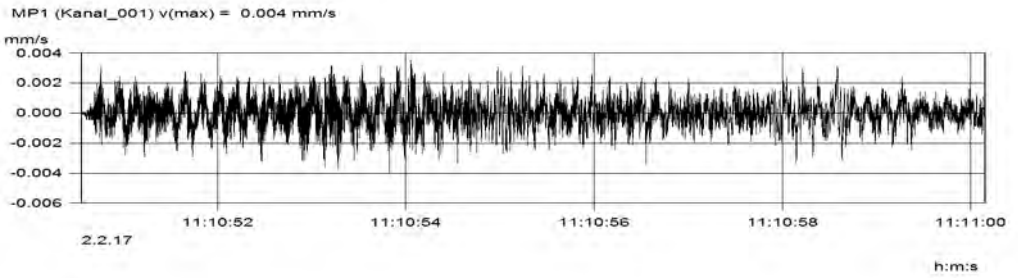


MP2.2 (Kanal\_003)

$f_e = 96.7 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

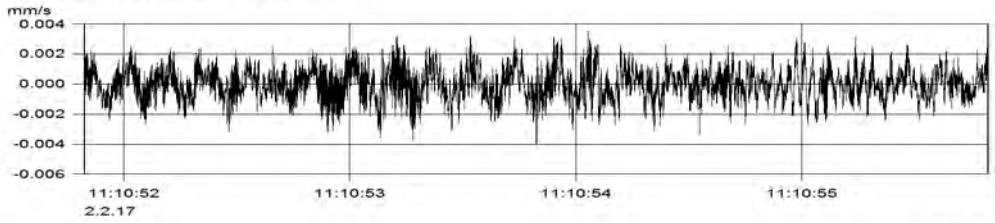


2017-02-02 11-09-47 (20): M8D Rill

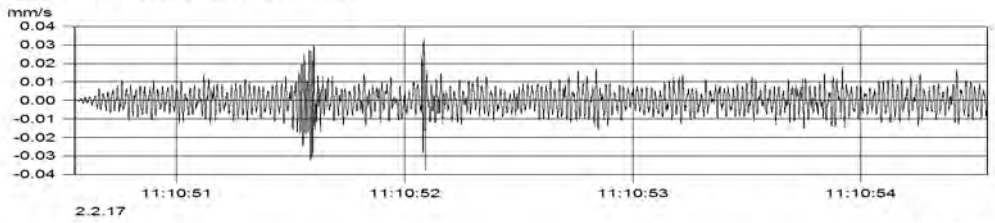


2017-02-02 11-09-47 (20): M8D Rill

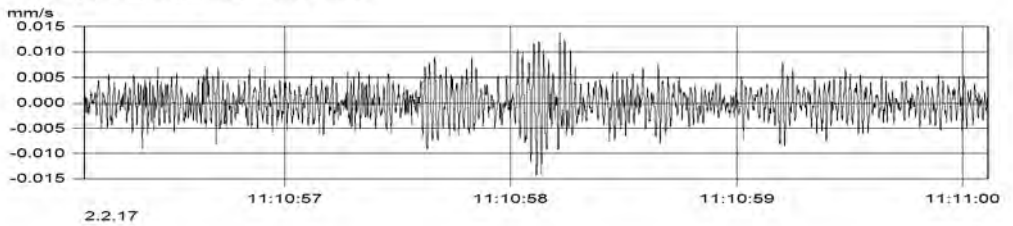
MP1 (Kanal\_001) v(max) = 0.004 mm/s



MP2.1 (Kanal\_002) v(max) = 0.038 mm/s

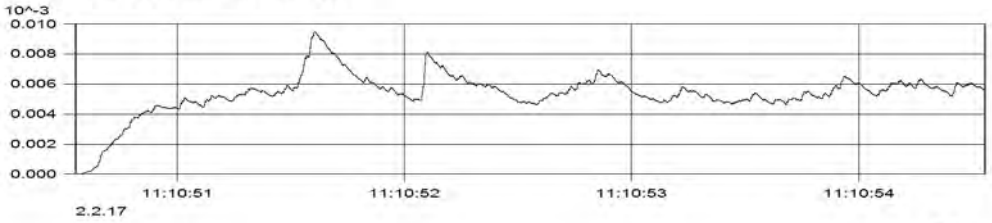


MP2.2 (Kanal\_003) v(max) = 0.014 mm/s



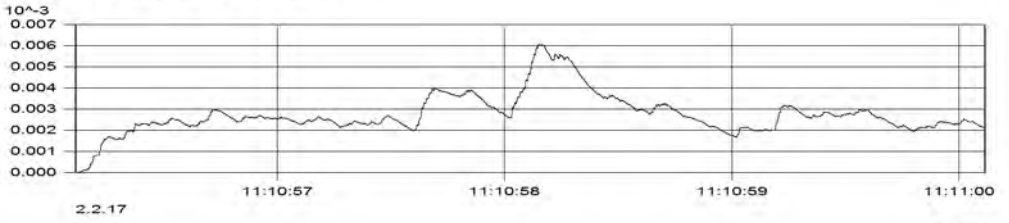
2017-02-02 11-09-47 (20): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.010[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.006[-]



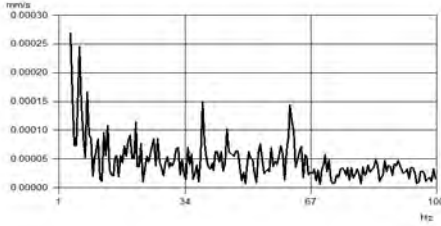
h:m:s

M8D Rill

2017-02-02 11-09-47 (20)

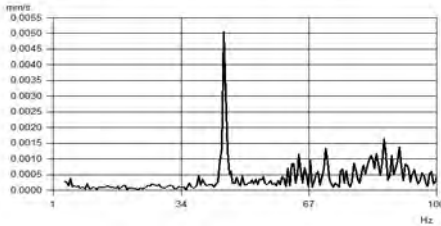
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



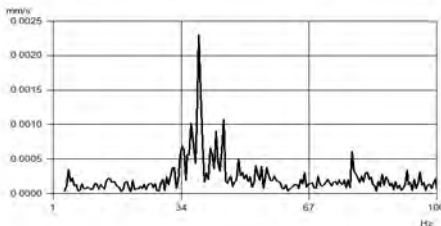
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



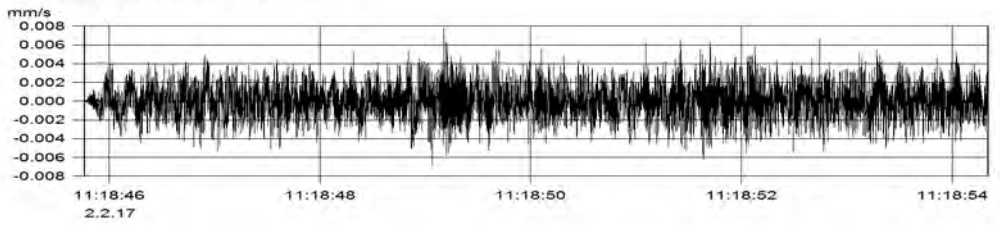
MP2.2 (Kanal\_003)

$f_e = 38.6 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

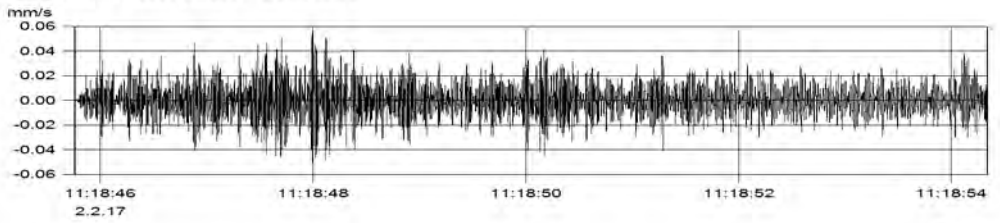


2017-02-02 11-11-10 (21): M8D Ril

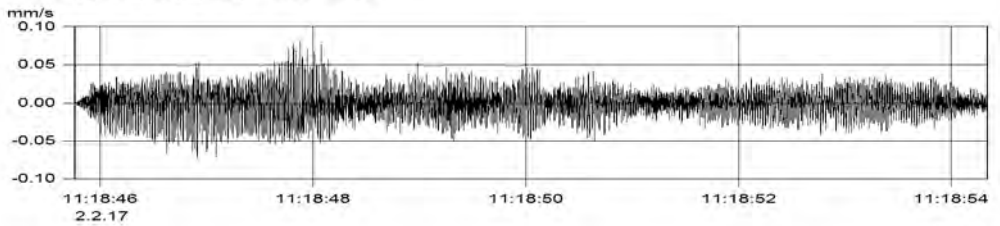
MP1 (Kanal\_001) v(max) = 0.008 mm/s



MP2.1 (Kanal\_002) v(max) = 0.055 mm/s



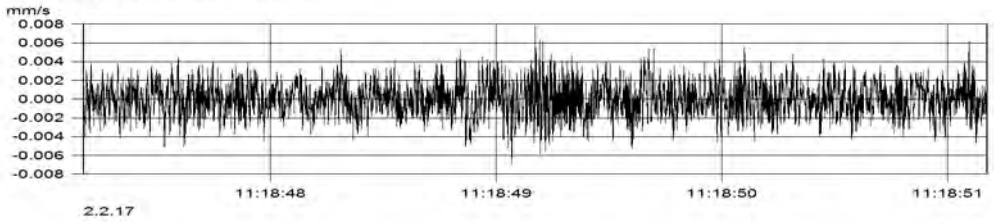
MP2.2 (Kanal\_003) v(max) = 0.081 mm/s





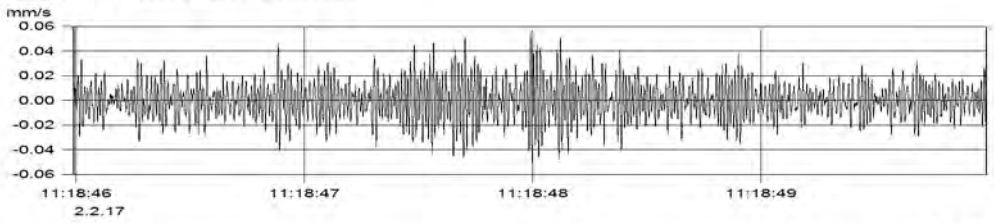
2017-02-02 11-11-10 (21): M8D Ril

MP1 (Kanal\_001) v(max) = 0.008 mm/s



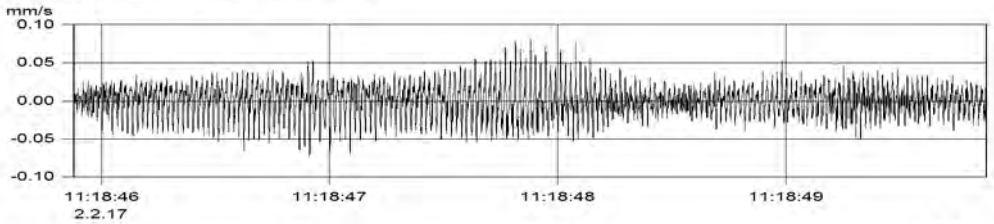
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.055 mm/s



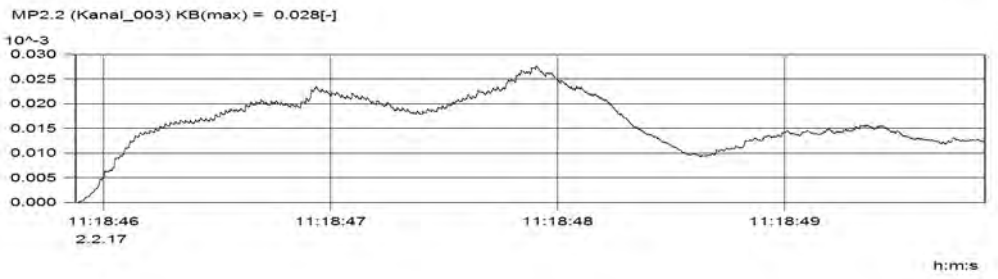
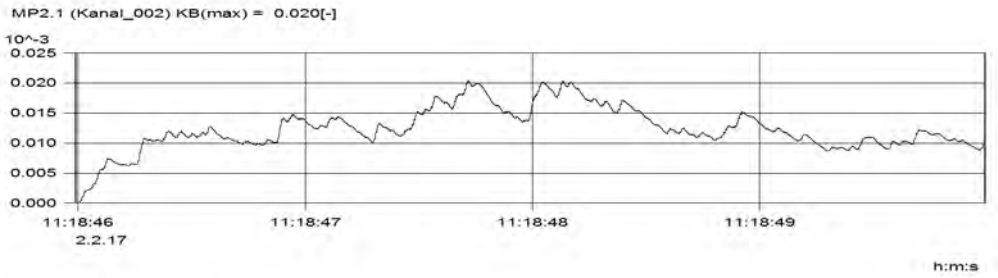
h:m:s

MP2.2 (Kanal\_003) v(max) = 0.081 mm/s



h:m:s

2017-02-02 11-11-10 (21): M8D Ril

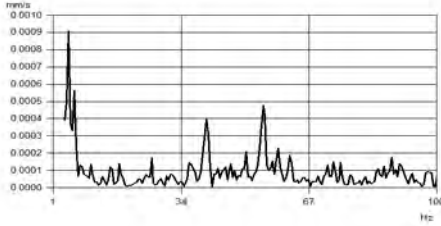


M8D Ril

2017-02-02 11-11-10 (21)

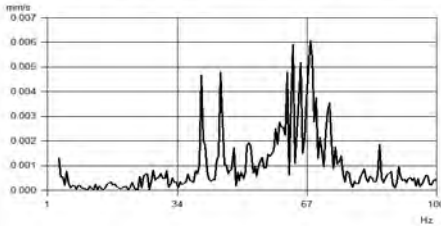
MP1 (Kanal\_001)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



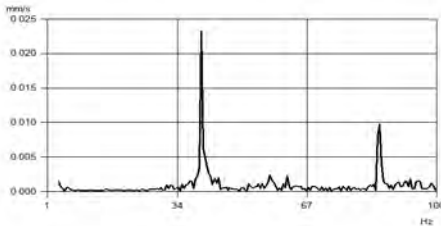
MP2.1 (Kanal\_002)

$f_e = 67.9 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



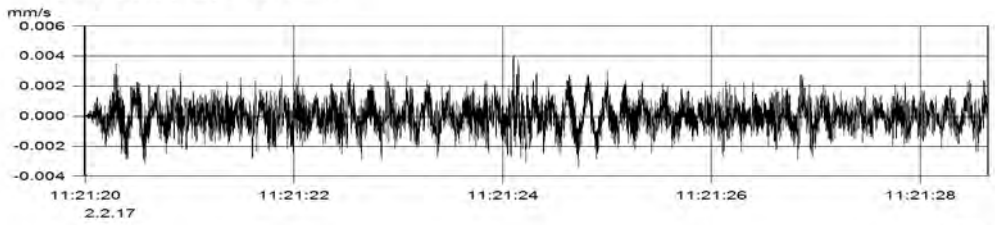
MP2.2 (Kanal\_003)

$f_e = 40.0 \text{ Hz} / v(\text{max}) = 0.023 \text{ mm/s}$



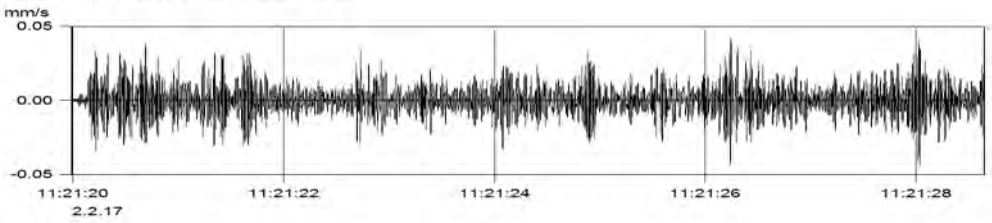
2017-02-02 11-19-12 (22): M8D Rill

MP1 (Kanal\_001) v(max) = 0.004 mm/s



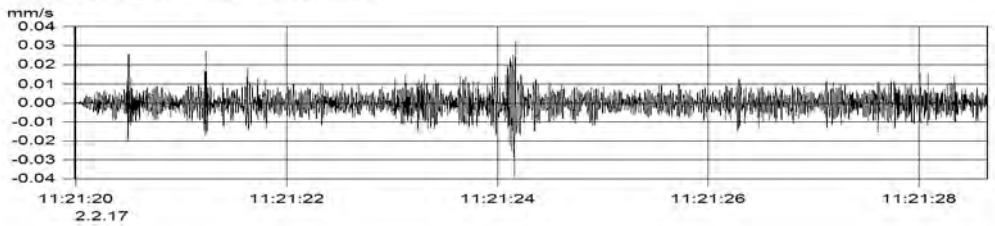
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.044 mm/s



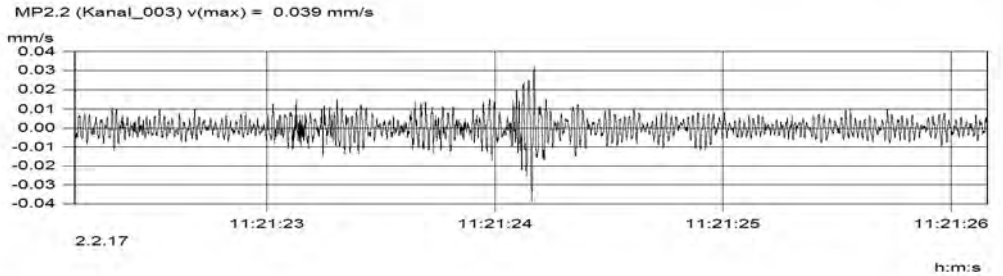
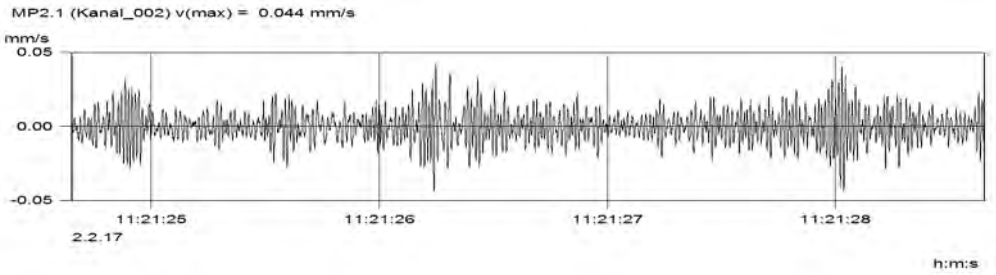
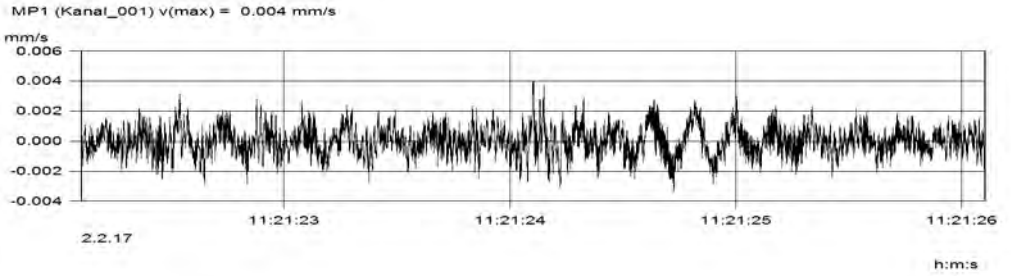
h:m:s

MP2.2 (Kanal\_003) v(max) = 0.039 mm/s



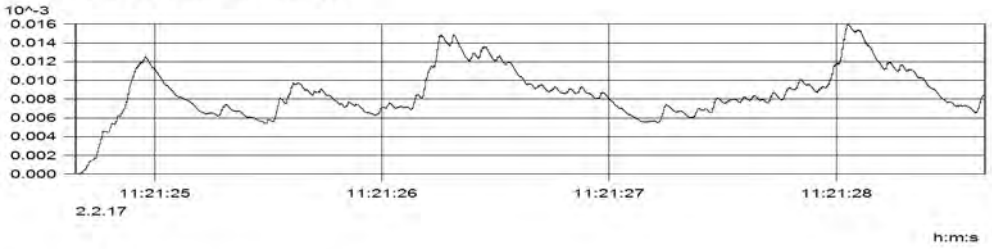
h:m:s

2017-02-02 11-19-12 (22): M8D Rill

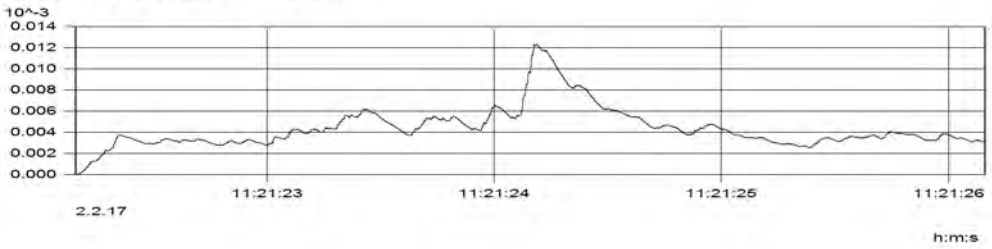


2017-02-02 11-19-12 (22): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.016[-]



MP2.2 (Kanal\_003) KB(max) = 0.012[-]

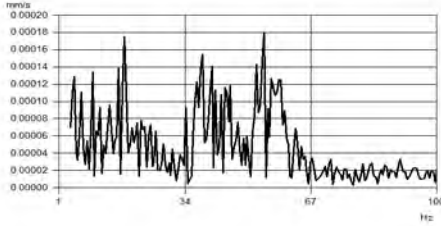


M8D Rill

2017-02-02 11-19-12 (22)

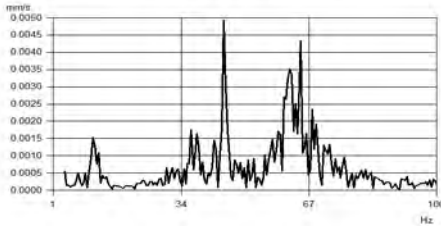
MP1 (Kanal\_001)

$f_e = 54.7 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



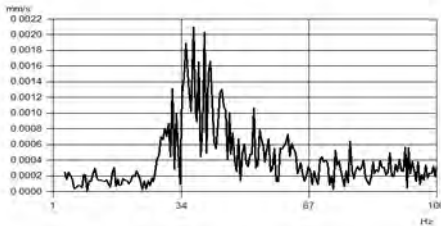
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



MP2.2 (Kanal\_003)

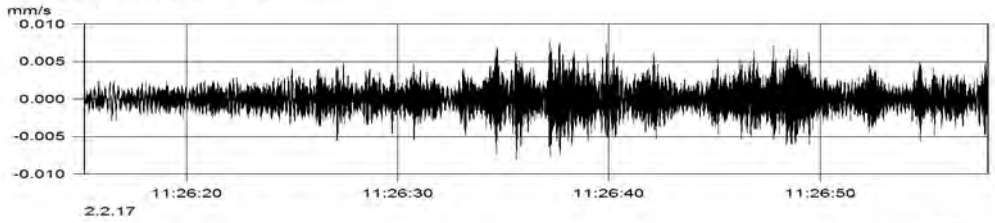
$f_e = 37.1 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$





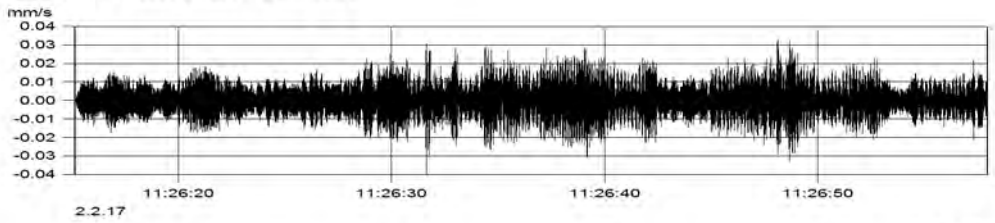
2017-02-02 11:21-38 (23): M8D 3fach Ril

MP1 (Kanal\_001) v(max) = 0.008 mm/s



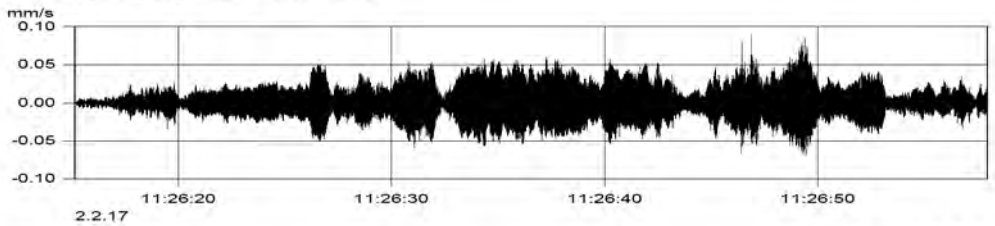
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.040 mm/s



h:m:s

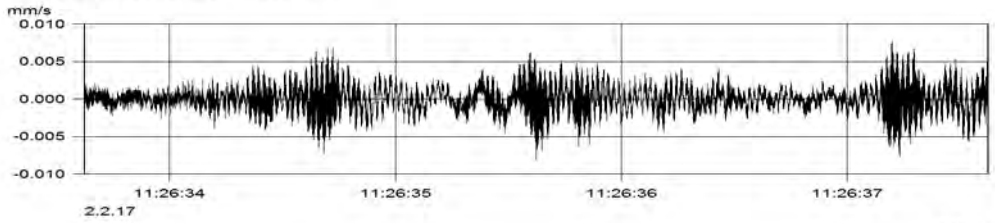
MP2.2 (Kanal\_003) v(max) = 0.091 mm/s



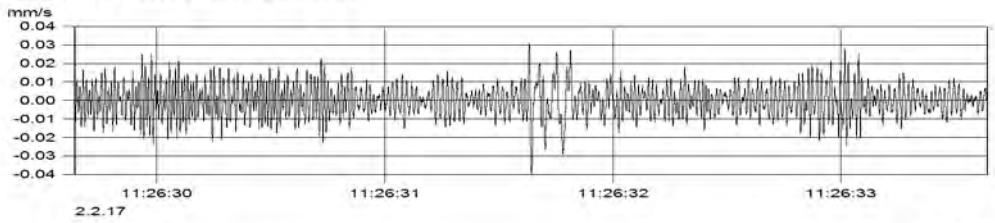
h:m:s

2017-02-02 11-21-38 (23): M8D 3fach Ril

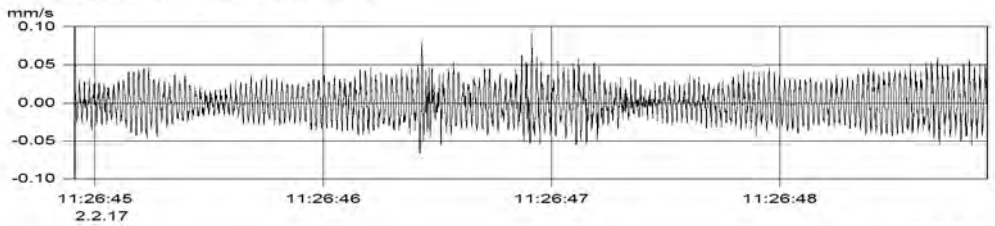
MP1 (Kanal\_001) v(max) = 0.008 mm/s



MP2.1 (Kanal\_002) v(max) = 0.040 mm/s

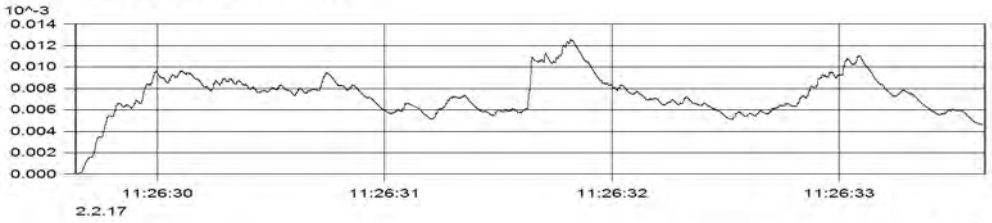


MP2.2 (Kanal\_003) v(max) = 0.091 mm/s

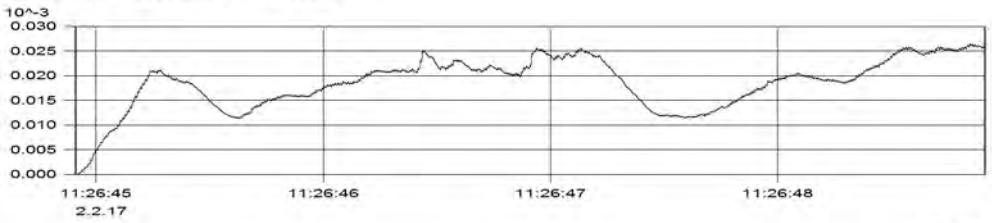


2017-02-02 11:21-38 (23): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.013[-]



MP2.2 (Kanal\_003) KB(max) = 0.026[-]

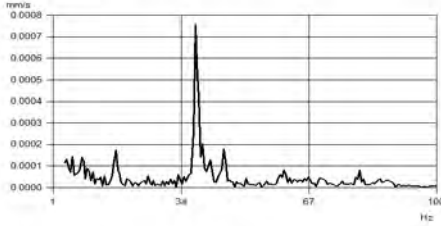


M8D 3fach Ril

2017-02-02 11-21-38 (23)

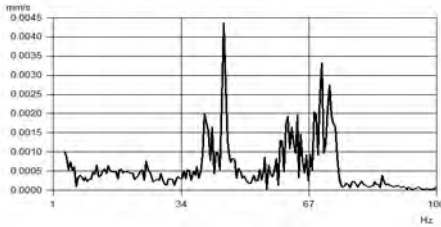
MP1 (Kanal\_001)

$f_e = 37.6 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



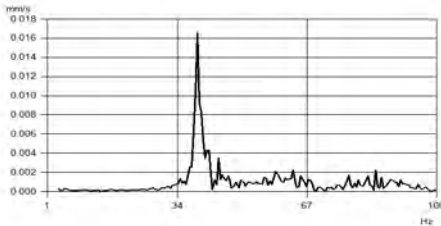
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.004 \text{ mm/s}$



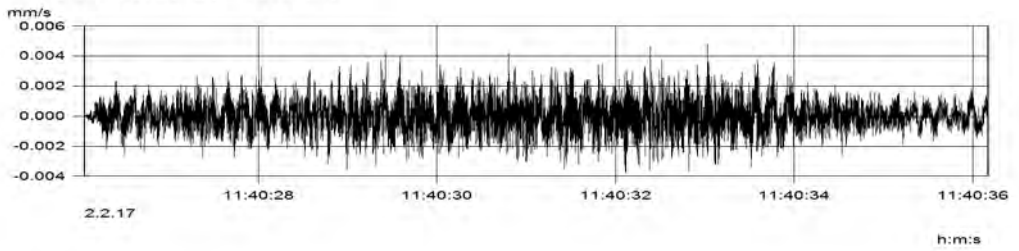
MP2.2 (Kanal\_003)

$f_e = 39.1 \text{ Hz} / v(\text{max}) = 0.017 \text{ mm/s}$

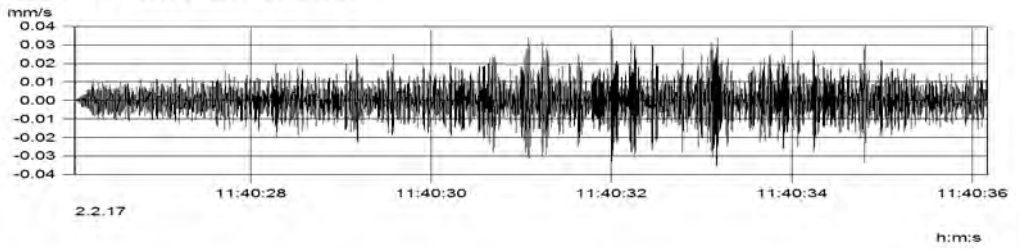


2017-02-02 11:31-20 (25): M8D Rill

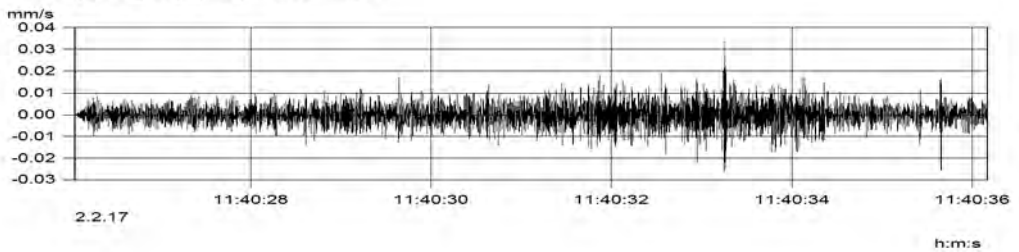
MP1 (Kanal\_001) v(max) = 0.005 mm/s



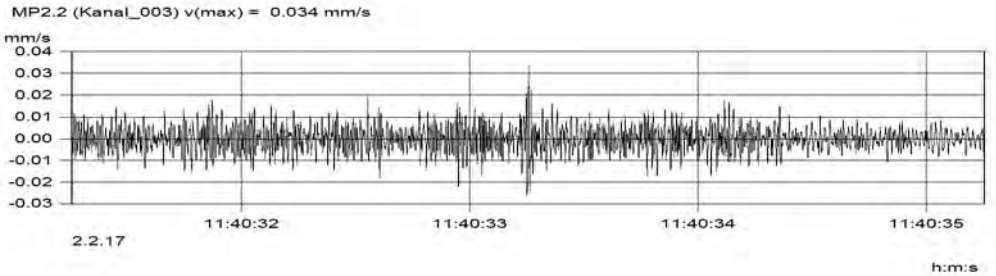
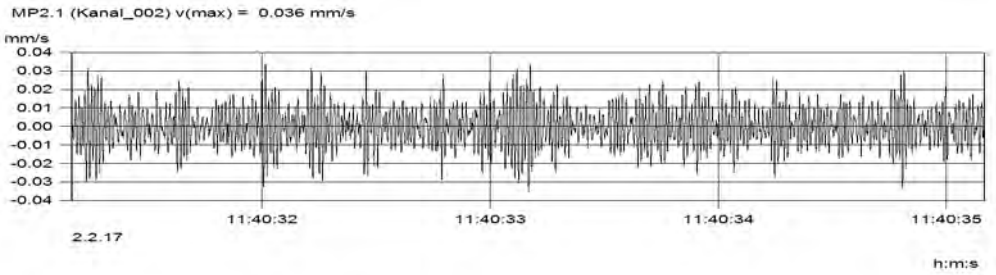
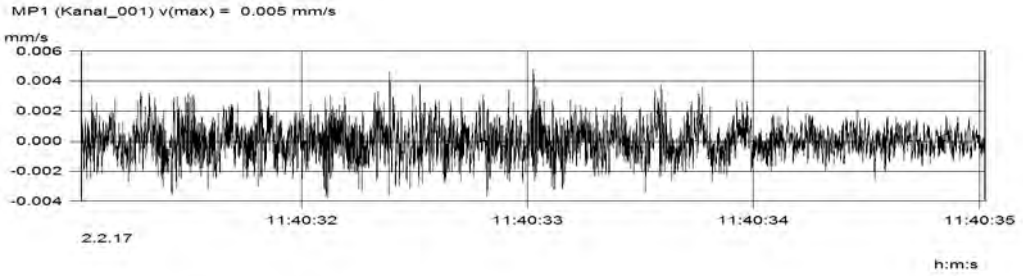
MP2.1 (Kanal\_002) v(max) = 0.036 mm/s



MP2.2 (Kanal\_003) v(max) = 0.034 mm/s

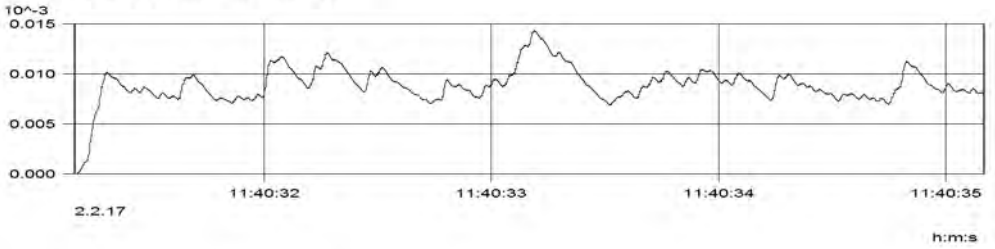


2017-02-02 11:31-20 (25): M8D Rill

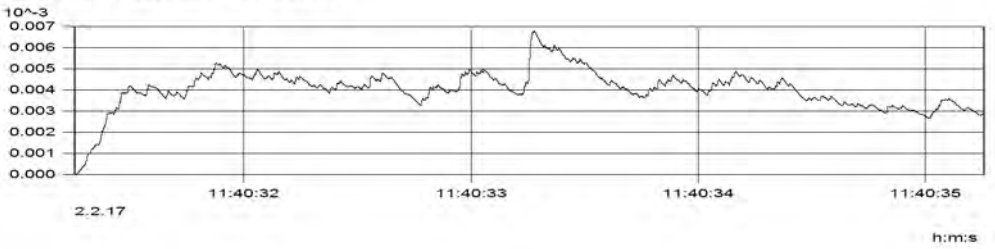


2017-02-02 11-31-20 (25): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.014[-]



MP2.2 (Kanal\_003) KB(max) = 0.007[-]



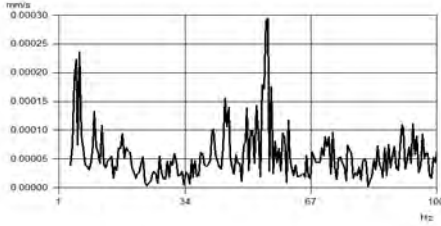


M8D Rill

2017-02-02 11-31-20 (25)

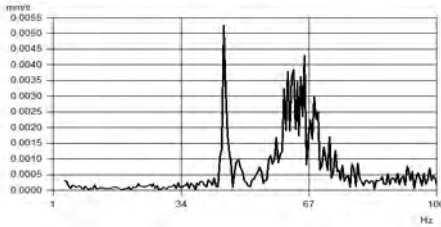
MP1 (Kanal\_001)

$f_e = 55.7 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



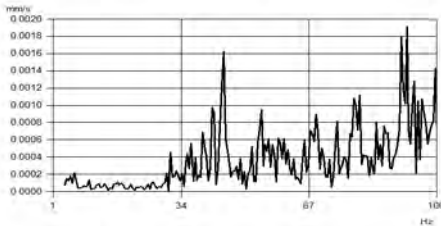
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



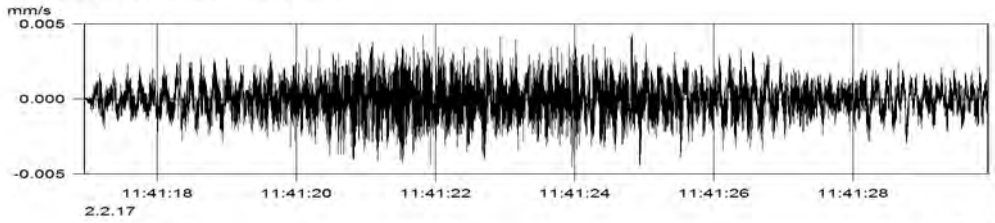
MP2.2 (Kanal\_003)

$f_e = 92.3 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



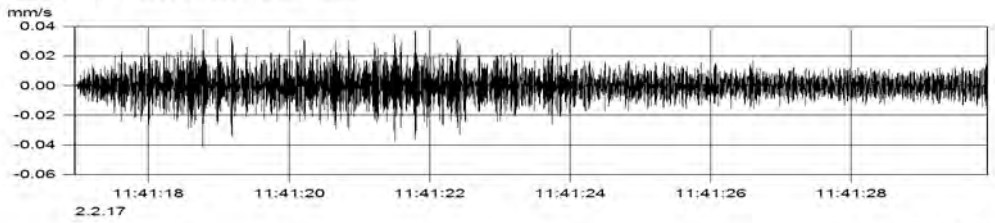
2017-02-02 11-40-44 (26): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



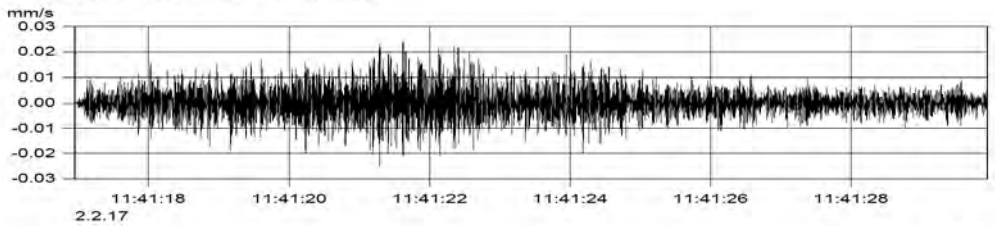
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.041 mm/s



h:m:s

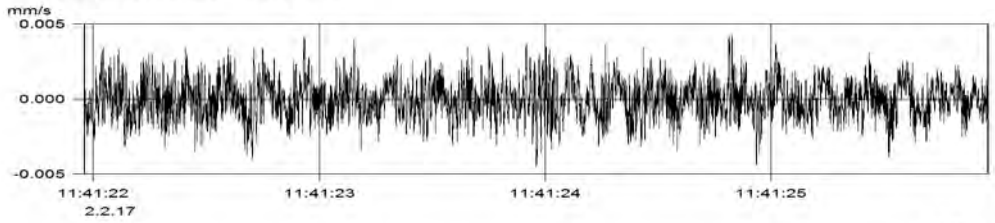
MP2.2 (Kanal\_003) v(max) = 0.025 mm/s



h:m:s

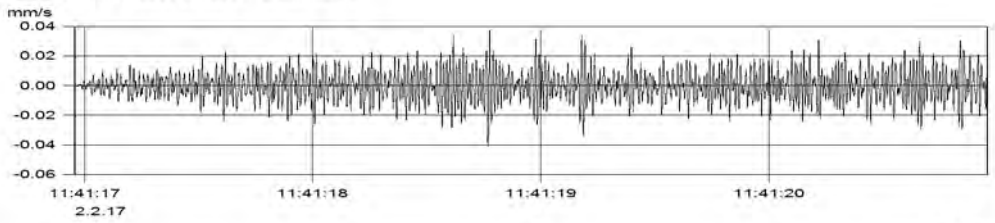
2017-02-02 11-40-44 (26): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



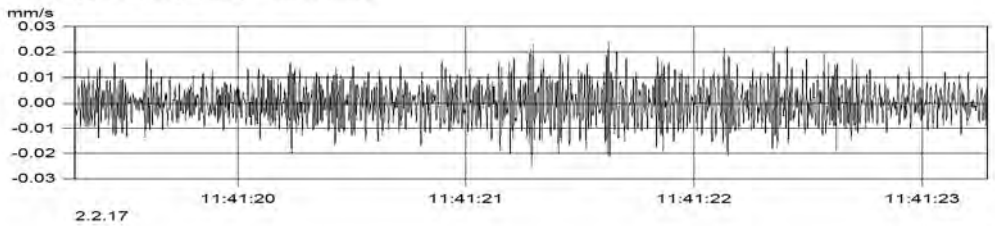
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.041 mm/s



h:m:s

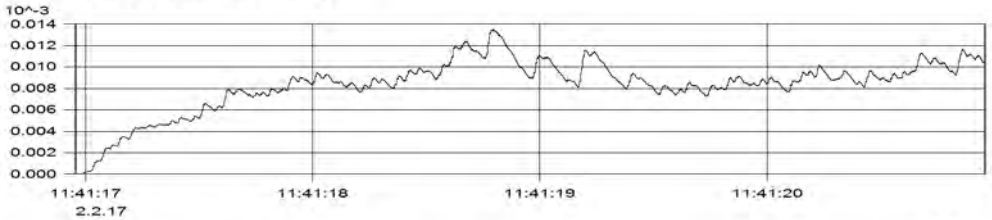
MP2.2 (Kanal\_003) v(max) = 0.025 mm/s



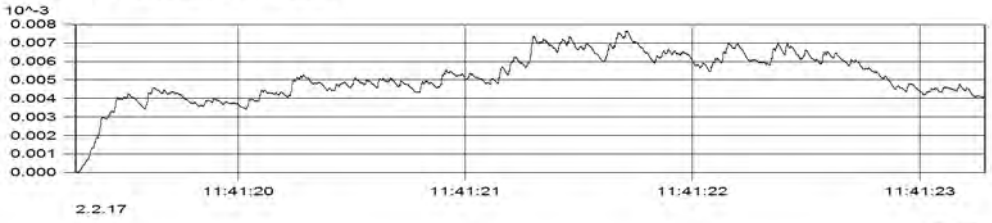
h:m:s

2017-02-02 11-40-44 (26): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.014[-]



MP2.2 (Kanal\_003) KB(max) = 0.008[-]

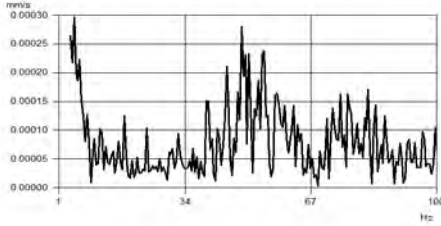


M8D Ril

2017-02-02 11-40-44 (26)

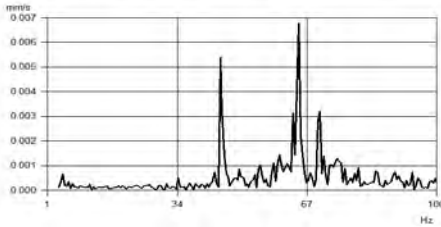
MP1 (Kanal\_001)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



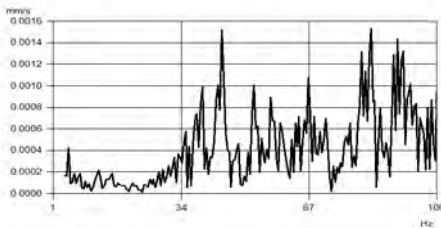
MP2.1 (Kanal\_002)

$f_e = 64.9 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



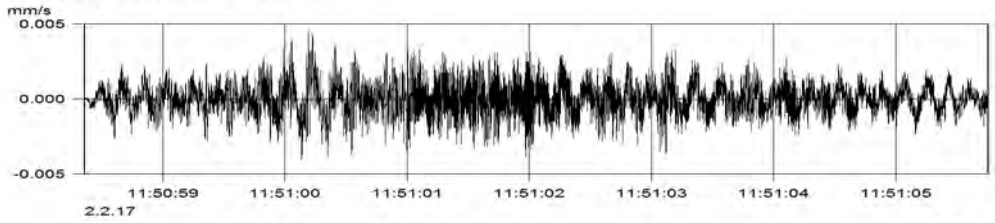
MP2.2 (Kanal\_003)

$f_e = 101.1 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



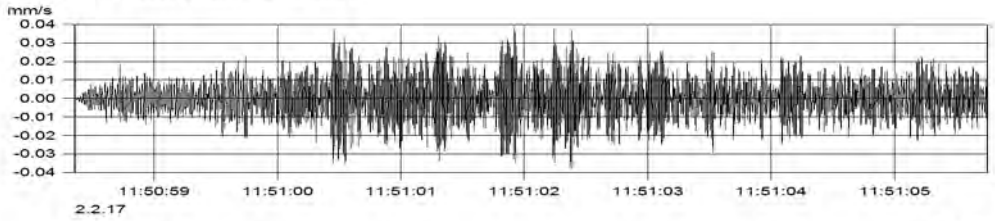
2017-02-02 11:50-28 (30): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.005 mm/s



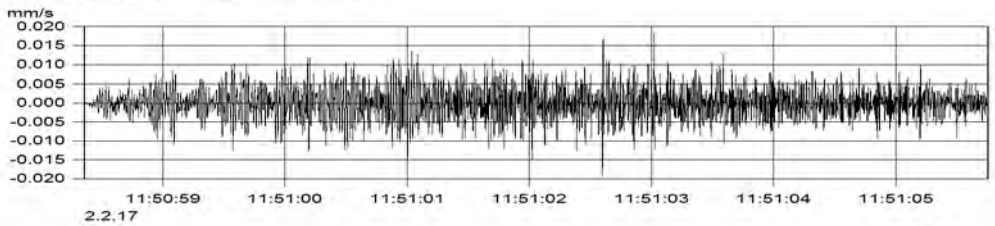
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.040 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.019 mm/s

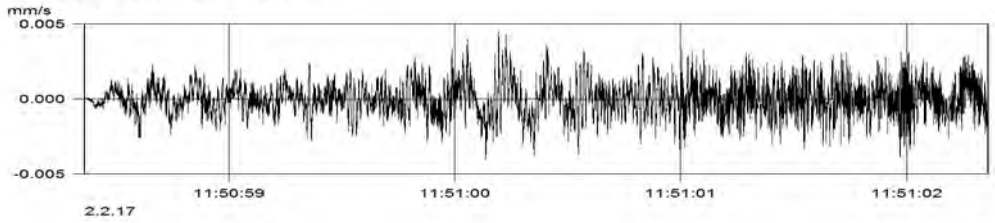


h:m:s



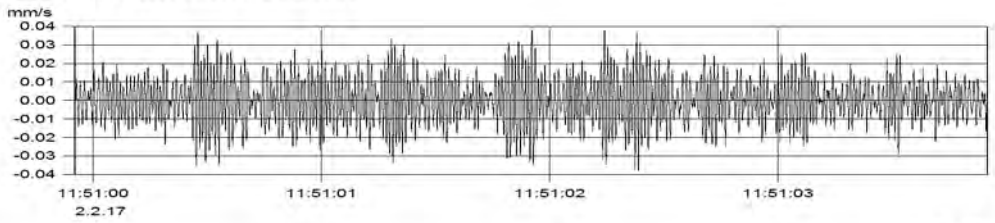
2017-02-02 11:50-28 (30): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.005 mm/s



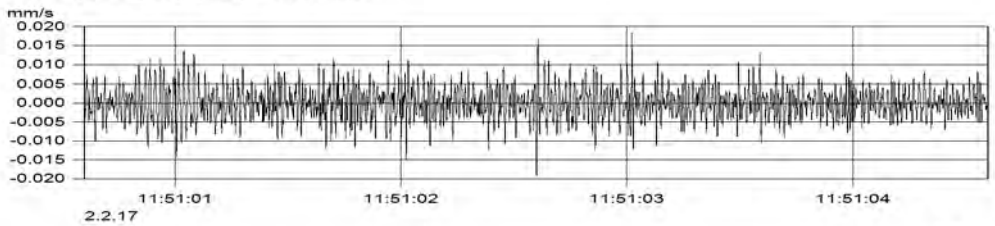
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.040 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.019 mm/s

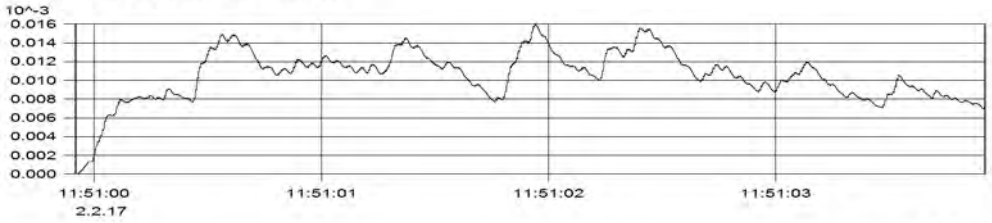


h:m:s

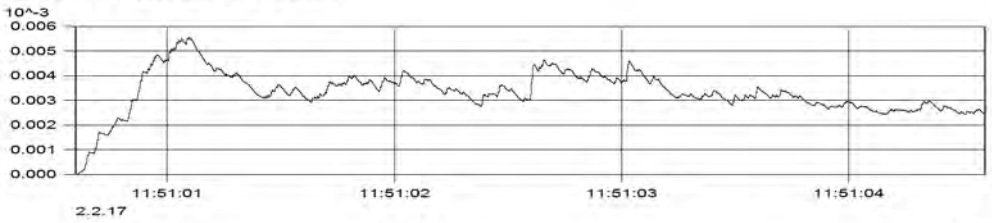


2017-02-02 11-50-28 (30): M8D 3fach Rill

MP2.1 (Kanal\_002) KB(max) = 0.016[-]



MP2.2 (Kanal\_003) KB(max) = 0.006[-]

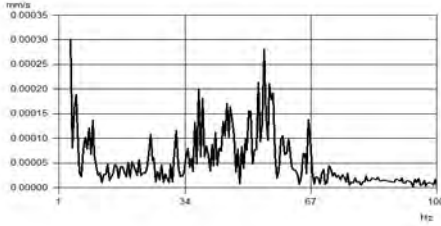


M8D 3fach Rill

2017-02-02 11-50-28 (30)

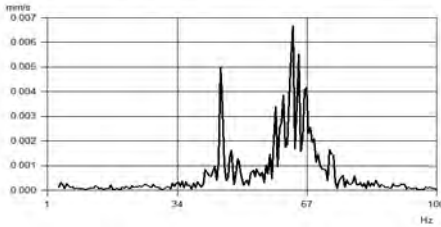
MP1 (Kanal\_001)

$f_e = 3.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



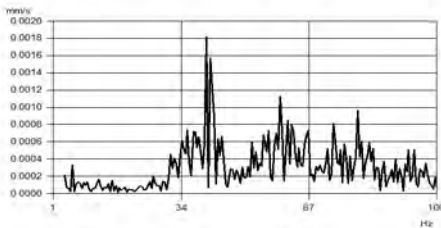
MP2.1 (Kanal\_002)

$f_e = 63.5 \text{ Hz} / v(\text{max}) = 0.007 \text{ mm/s}$



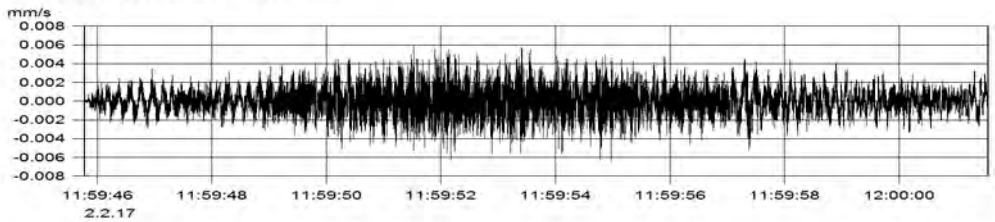
MP2.2 (Kanal\_003)

$f_e = 40.5 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$



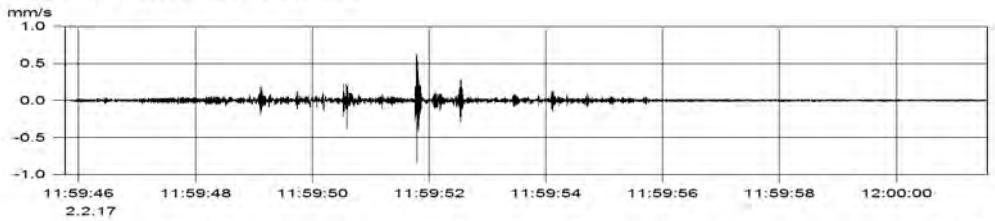
2017-02-02 11:52-03 (32): M8D 3fach Ril

MP1 (Kanal\_001) v(max) = 0.006 mm/s



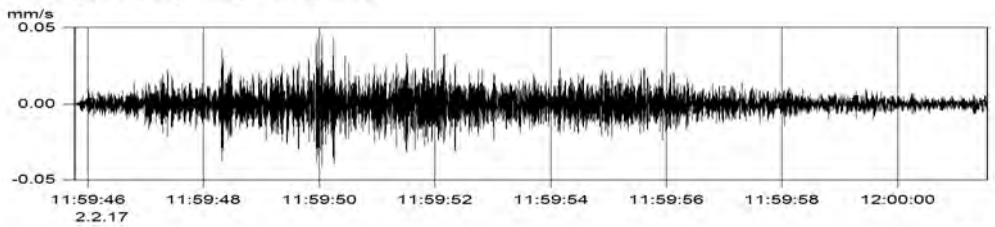
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.843 mm/s



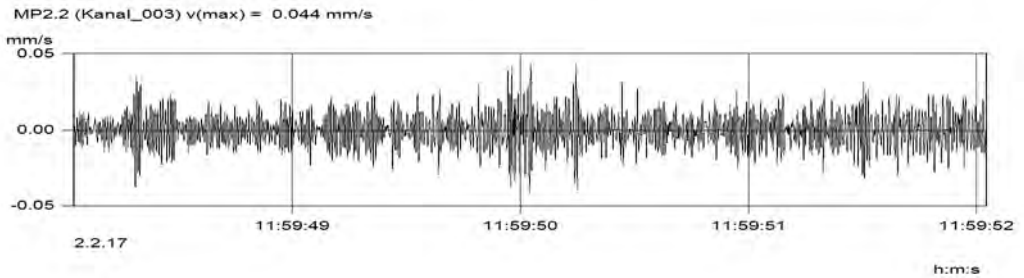
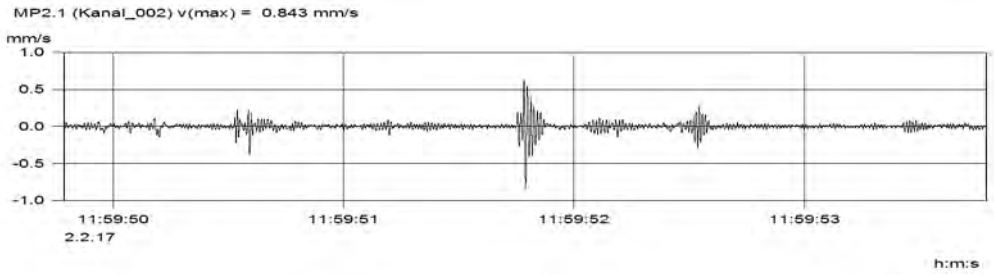
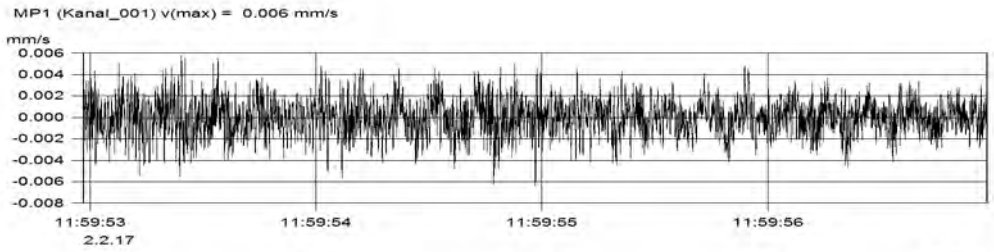
h:m:s

MP2.2 (Kanal\_003) v(max) = 0.044 mm/s



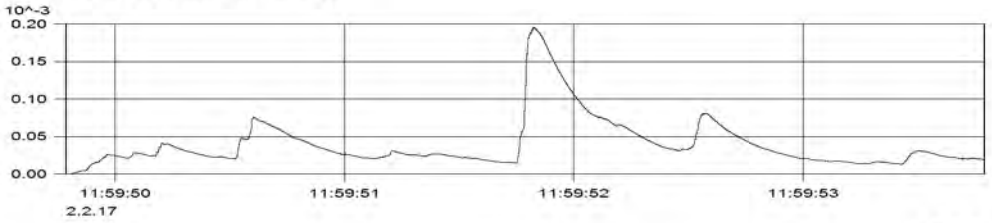
h:m:s

2017-02-02 11:52-03 (32): M8D 3fach Ril



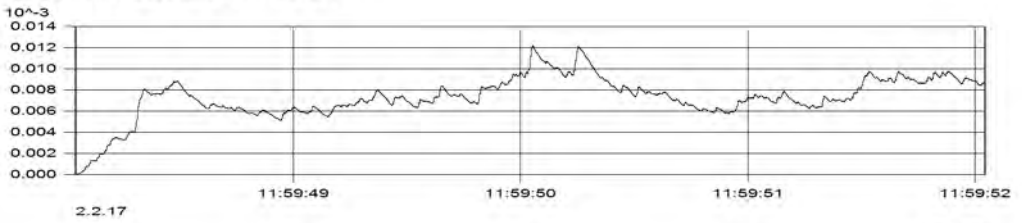
2017-02-02 11:52-03 (32): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.196[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.012[-]



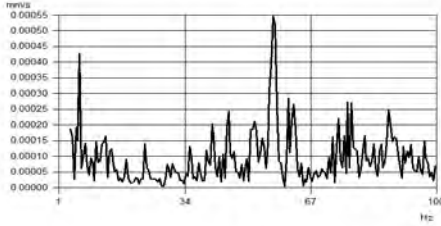
h:m:s

M8D 3fach Ril

2017-02-02 11-52-03 (32)

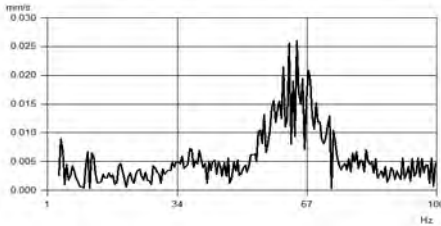
MP1 (Kanal\_001)

$f_e = 57.1 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



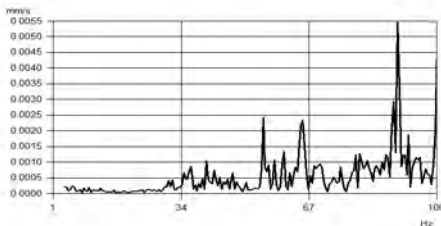
MP2.1 (Kanal\_002)

$f_e = 64.5 \text{ Hz} / v(\text{max}) = 0.026 \text{ mm/s}$



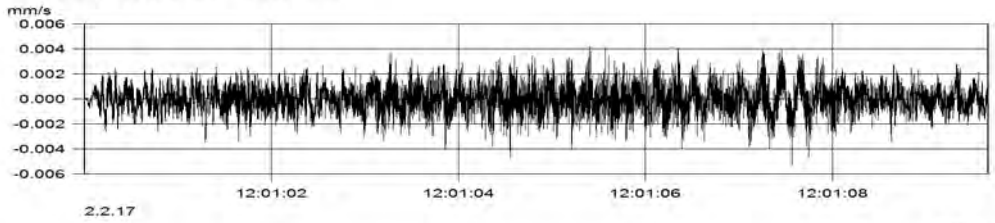
MP2.2 (Kanal\_003)

$f_e = 89.8 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



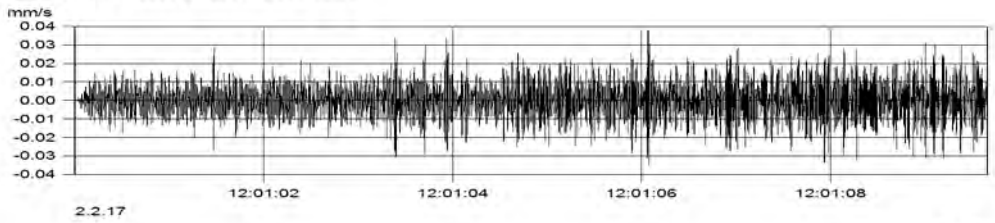
2017-02-02 12:00-11 (33): M8D Rill

MP1 (Kanal\_001) v(max) = 0.005 mm/s



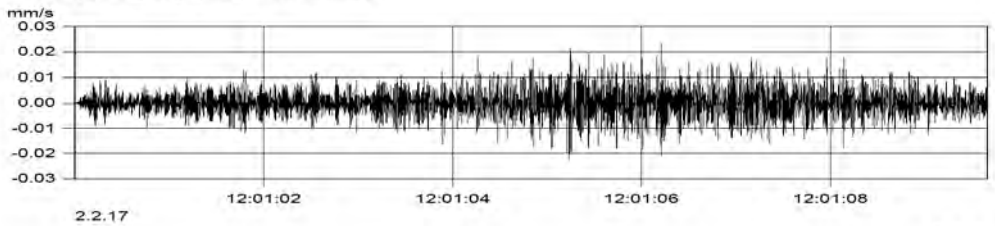
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.038 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.024 mm/s

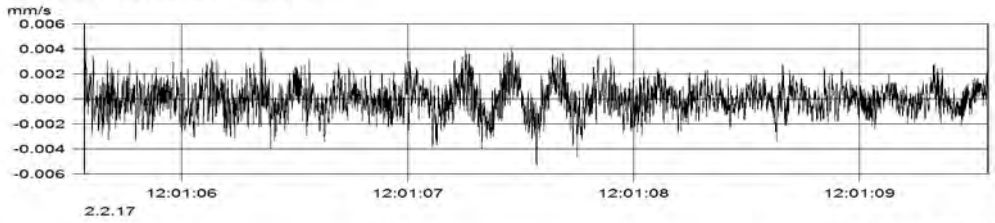


h:m:s



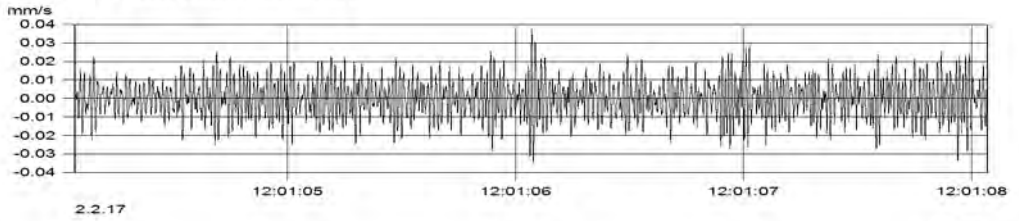
2017-02-02 12-00-11 (33): M8D Rill

MP1 (Kanal\_001) v(max) = 0.005 mm/s



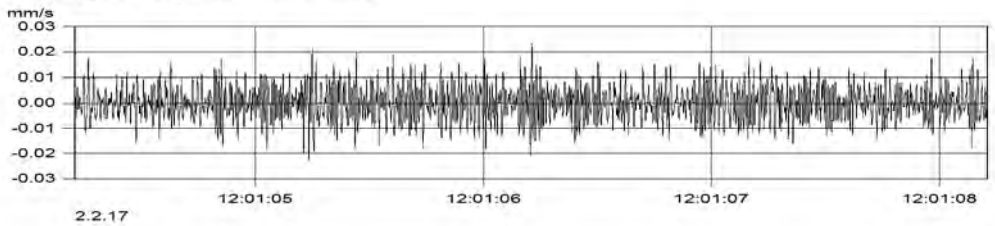
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.038 mm/s



h:m:s

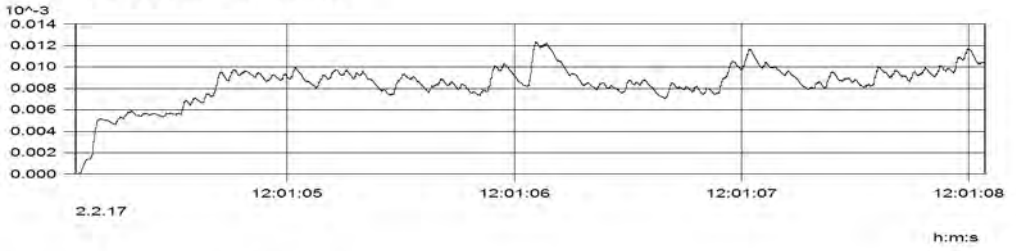
MP2.2 (Kanal\_003) v(max) = 0.024 mm/s



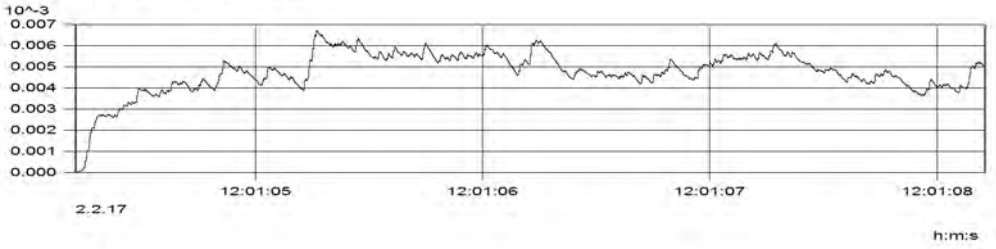
h:m:s

2017-02-02 12:00-11 (33): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.012[-]



MP2.2 (Kanal\_003) KB(max) = 0.007[-]

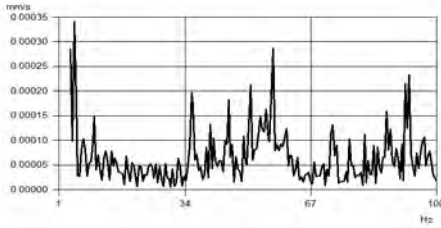


M8D Rill

2017-02-02 12-00-11 (33)

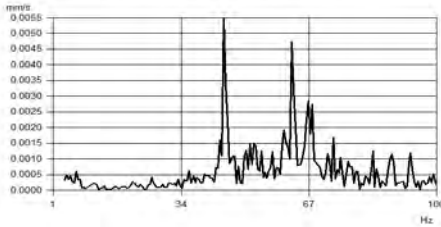
MP1 (Kanal\_001)

$f_e = 4.9 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



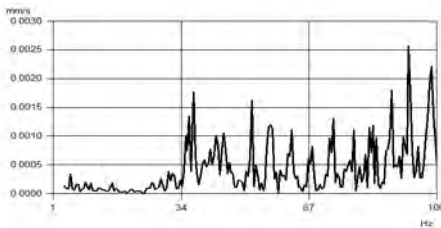
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



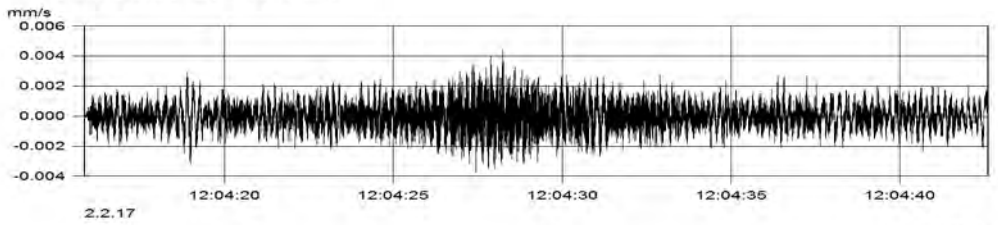
MP2.2 (Kanal\_003)

$f_e = 92.8 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

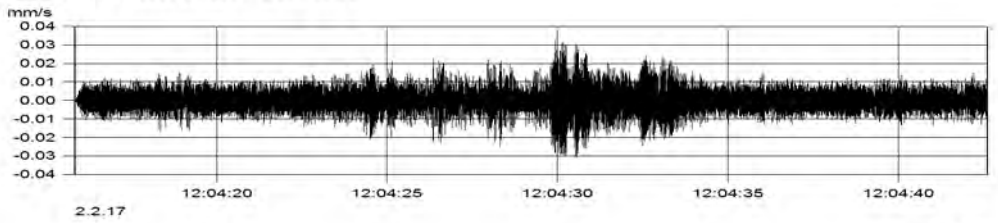


2017-02-02 12-01-21 (34): M8D Ril

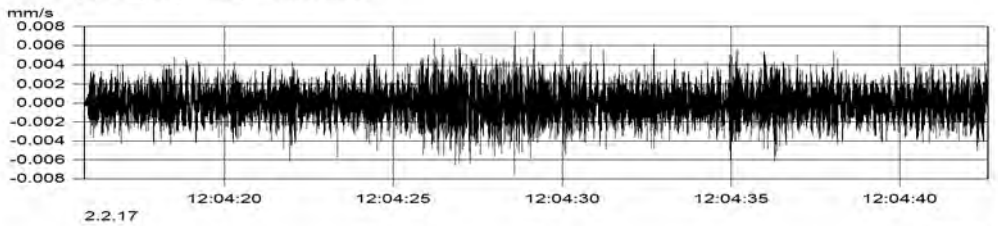
MP1 (Kanal\_001) v(max) = 0.004 mm/s



MP2.1 (Kanal\_002) v(max) = 0.032 mm/s

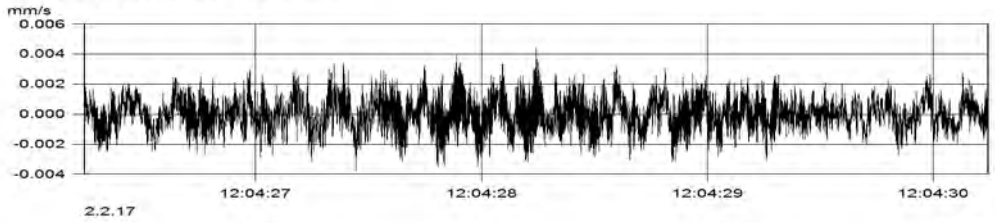


MP2.2 (Kanal\_003) v(max) = 0.008 mm/s

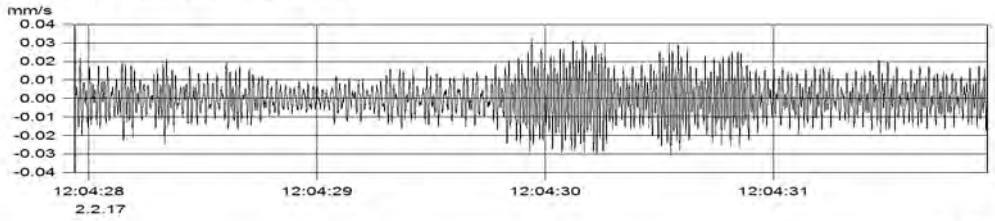


2017-02-02 12-01-21 (34): M8D Ril

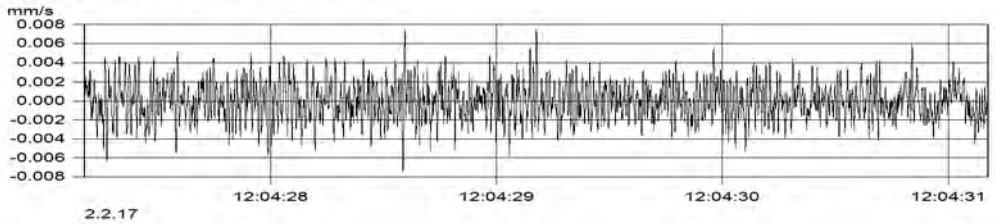
MP1 (Kanal\_001) v(max) = 0.004 mm/s



MP2.1 (Kanal\_002) v(max) = 0.032 mm/s

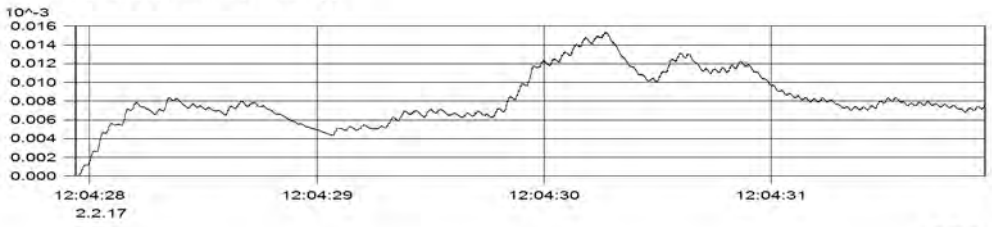


MP2.2 (Kanal\_003) v(max) = 0.008 mm/s

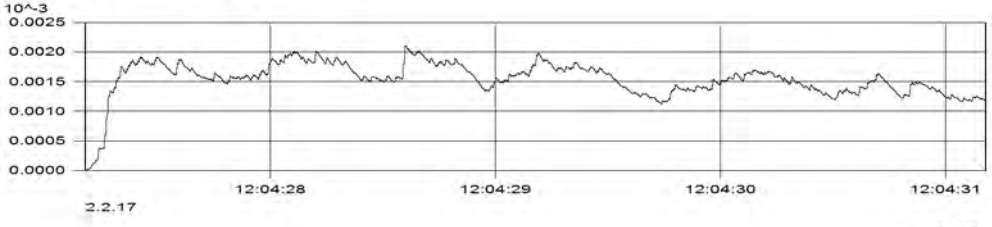


2017-02-02 12-01-21 (34): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.015[-]



MP2.2 (Kanal\_003) KB(max) = 0.002[-]

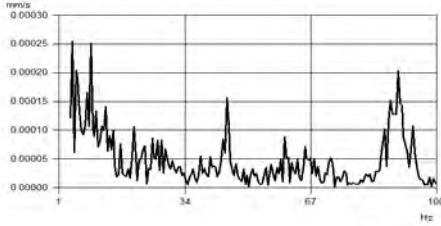


M8D Ril

2017-02-02 12-01-21 (34)

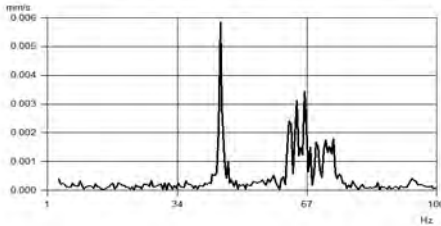
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



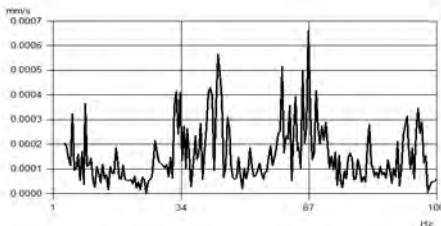
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



MP2.2 (Kanal\_003)

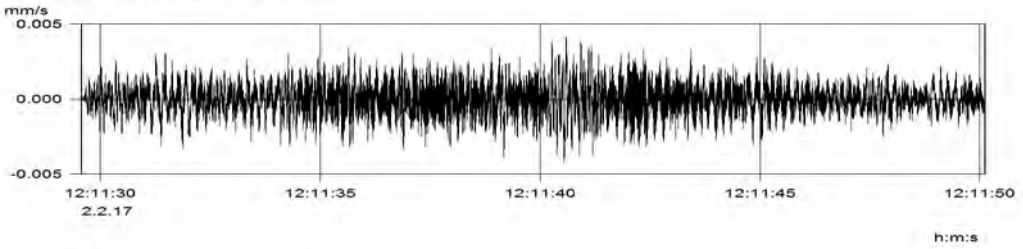
$f_e = 66.9 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



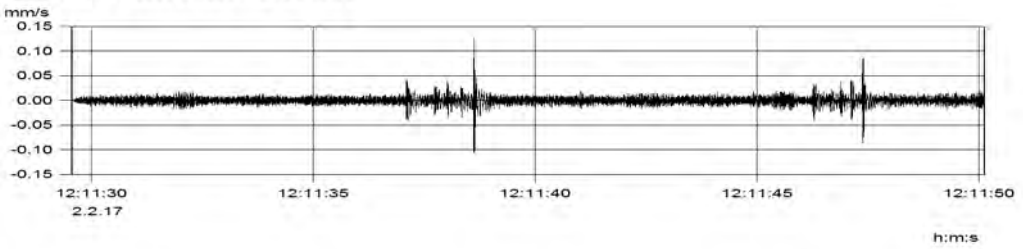


2017-02-02 12-10-41 (35): M8D Rill

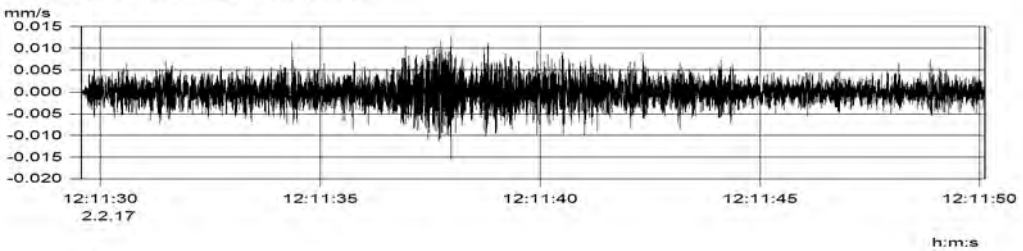
MP1 (Kanal\_001) v(max) = 0.004 mm/s



MP2.1 (Kanal\_002) v(max) = 0.125 mm/s

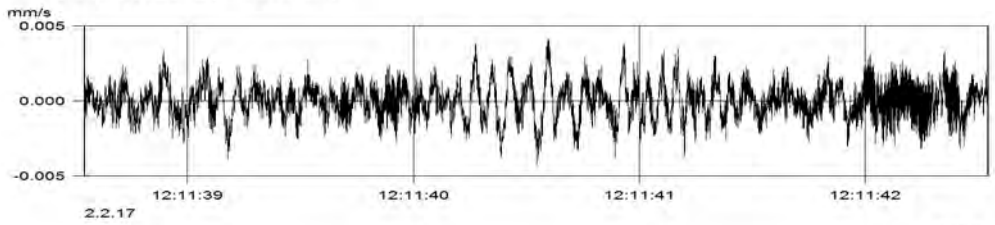


MP2.2 (Kanal\_003) v(max) = 0.016 mm/s



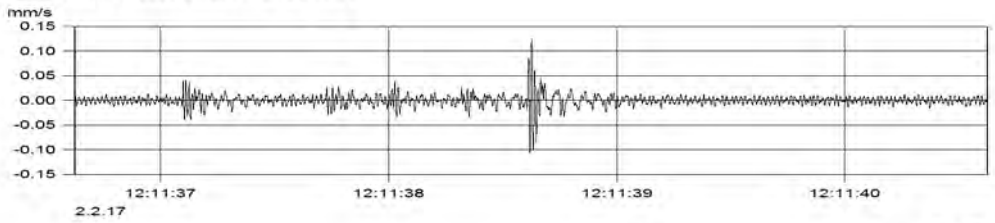
2017-02-02 12-10-41 (35): M8D Rill

MP1 (Kanal\_001) v(max) = 0.004 mm/s



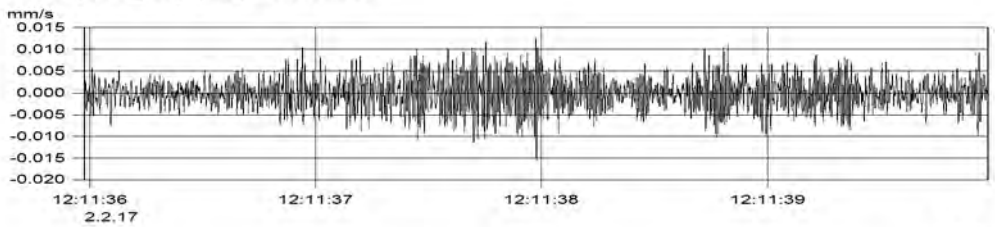
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.125 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.016 mm/s



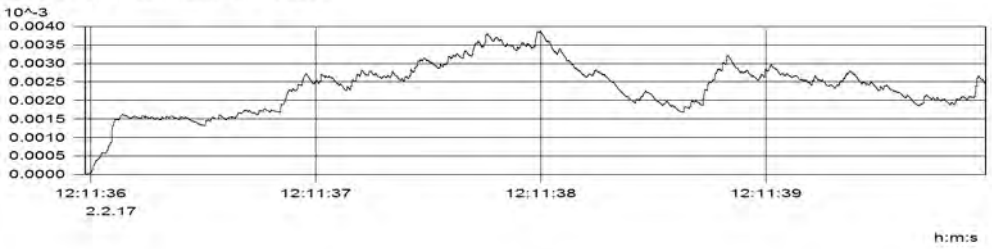
h:m:s

2017-02-02 12-10-41 (35): M8D Rill

MP2.1 (Kanal\_002) KB(max) = 0.032[-]



MP2.2 (Kanal\_003) KB(max) = 0.004[-]

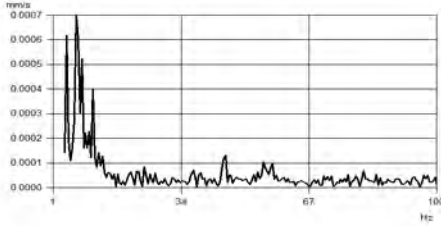


M8D Rill

2017-02-02 12-10-41 (35)

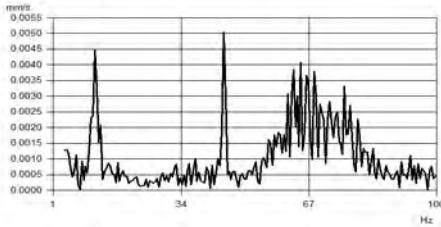
MP1 (Kanal\_001)

$f_e = 6.8 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



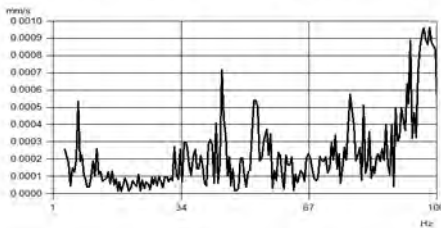
MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



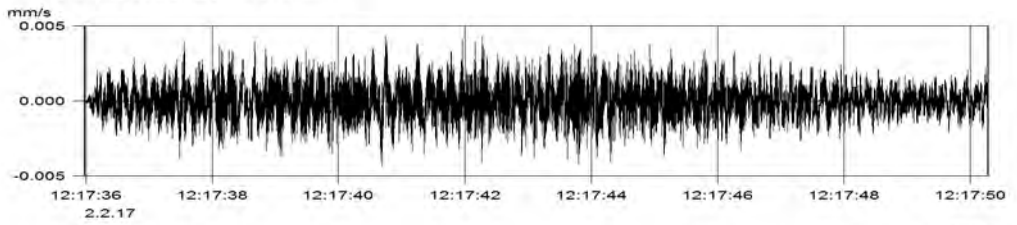
MP2.2 (Kanal\_003)

$f_e = 103.5 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$

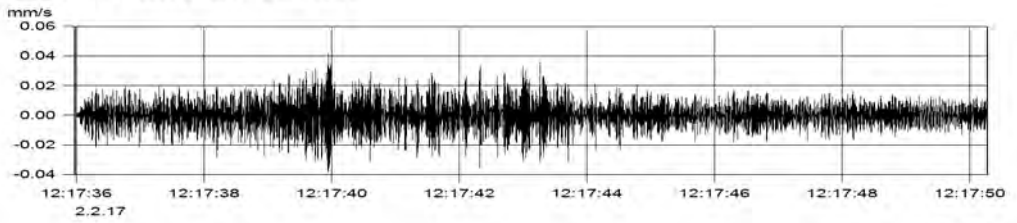


2017-02-02 12-11-57 (36): M8D 3fach Ril

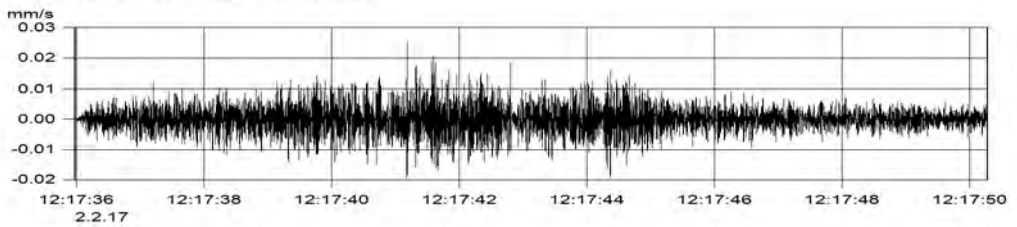
MP1 (Kanal\_001) v(max) = 0.004 mm/s



MP2.1 (Kanal\_002) v(max) = 0.042 mm/s

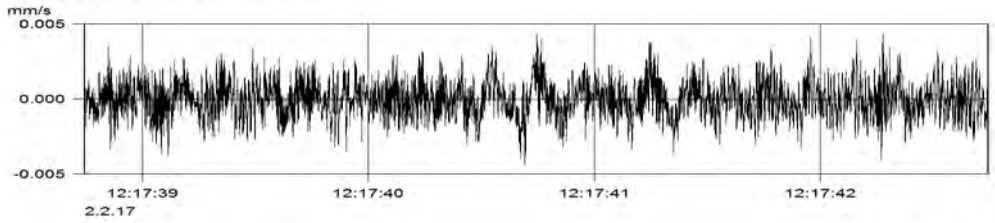


MP2.2 (Kanal\_003) v(max) = 0.026 mm/s

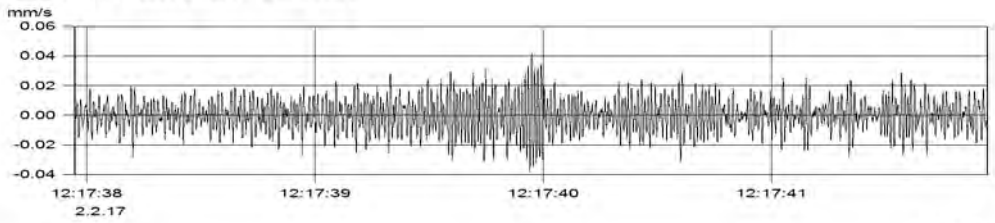


2017-02-02 12-11-57 (36): M8D 3fach Ril

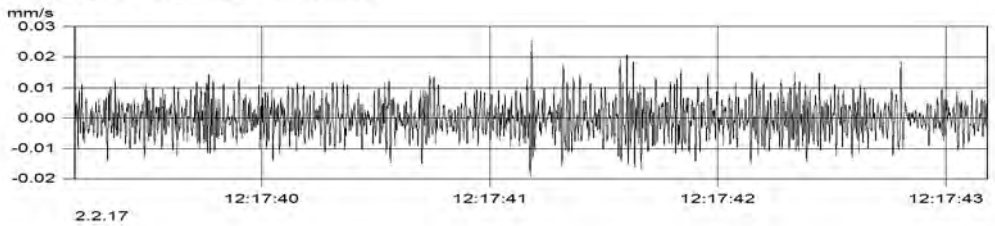
MP1 (Kanal\_001) v(max) = 0.004 mm/s



MP2.1 (Kanal\_002) v(max) = 0.042 mm/s

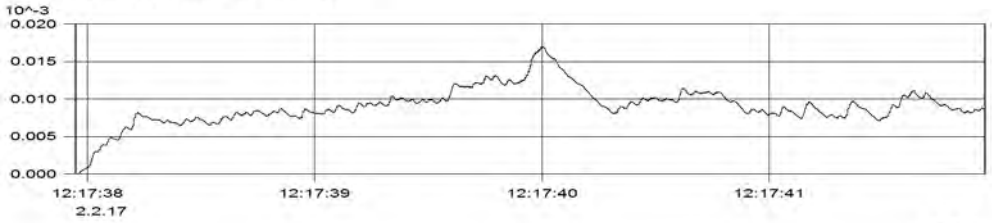


MP2.2 (Kanal\_003) v(max) = 0.026 mm/s



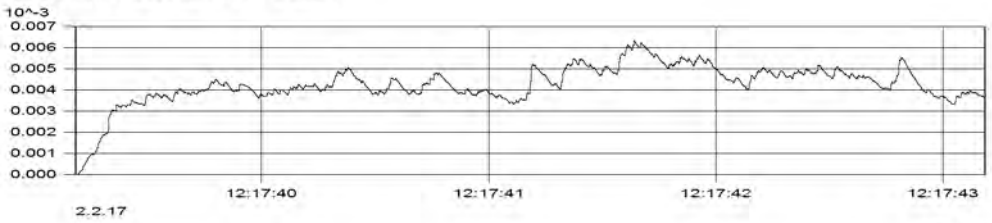
2017-02-02 12-11-57 (36): M8D 3fach Ril

MP2.1 (Kanal\_002) KB(max) = 0.017[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.006[-]



h:m:s

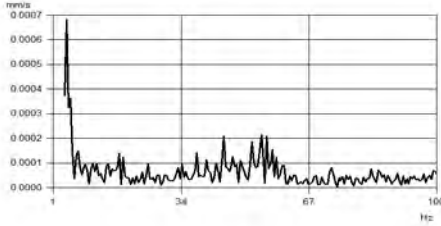


M8D 3fach Ril

2017-02-02 12-11-57 (36)

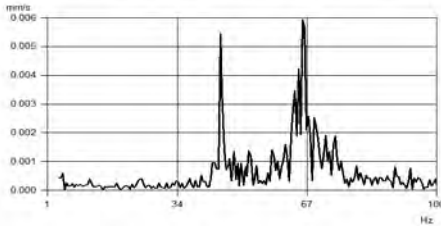
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



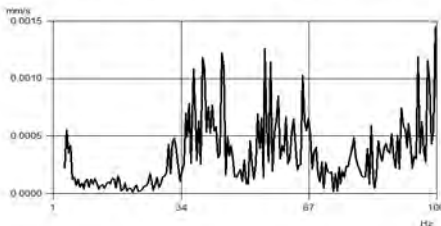
MP2.1 (Kanal\_002)

$f_e = 65.9 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



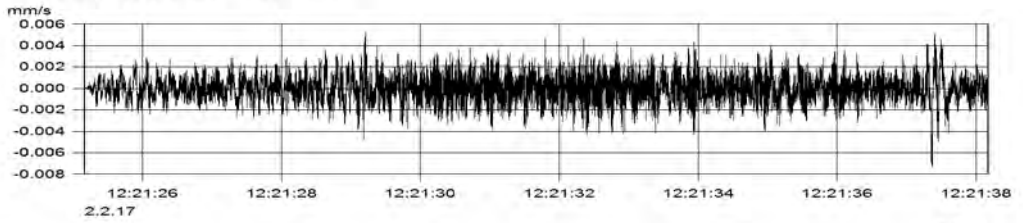
MP2.2 (Kanal\_003)

$f_e = 104.0 \text{ Hz} / v(\text{max}) = 0.002 \text{ mm/s}$

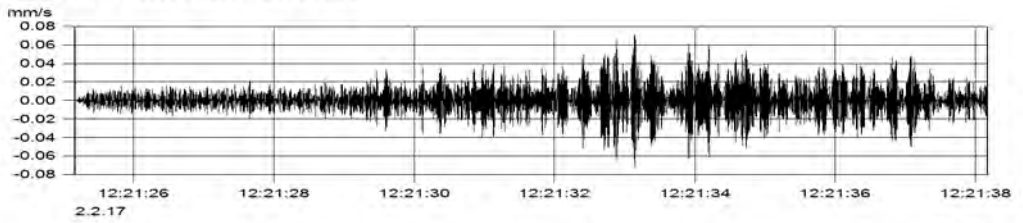


2017-02-02 12:17-56 (37): M8D 3fach Rill

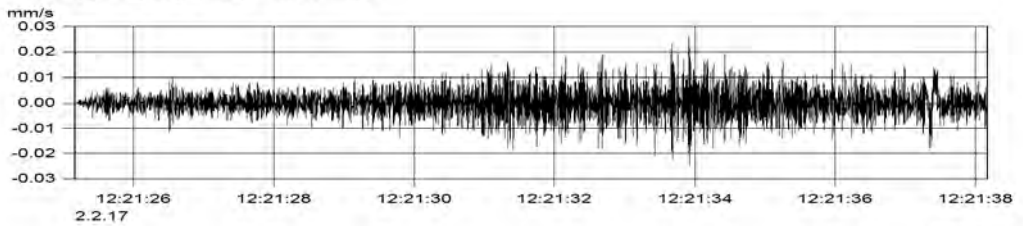
MP1 (Kanal\_001) v(max) = 0.007 mm/s



MP2.1 (Kanal\_002) v(max) = 0.073 mm/s

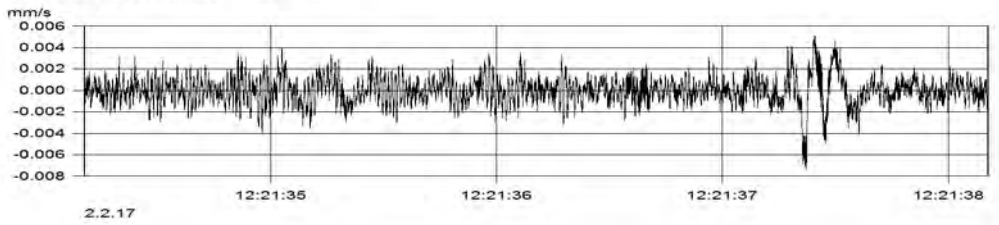


MP2.2 (Kanal\_003) v(max) = 0.026 mm/s



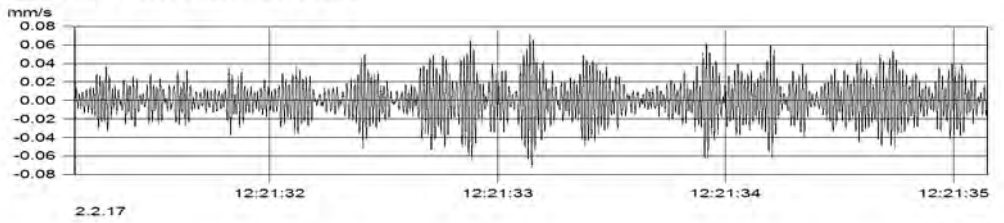
2017-02-02 12-17-56 (37): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.007 mm/s



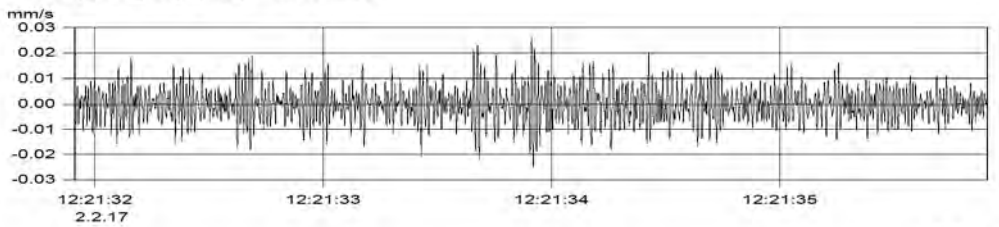
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.073 mm/s



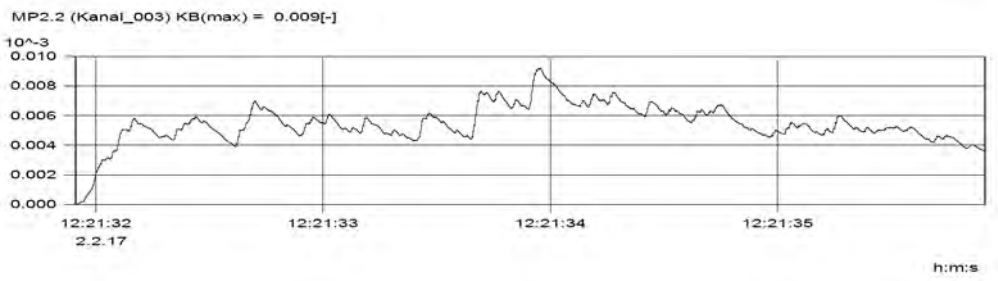
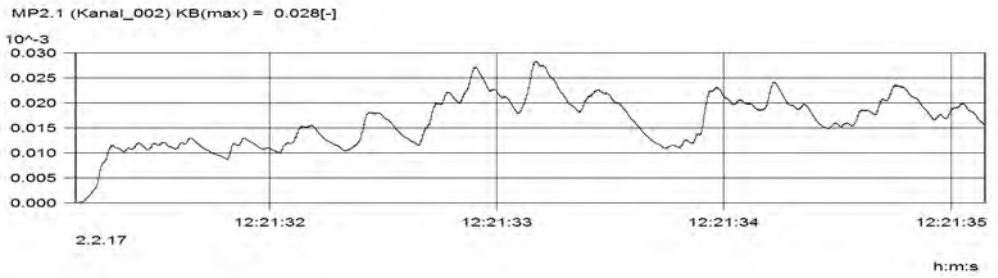
h:m:s

MP2.2 (Kanal\_003) v(max) = 0.026 mm/s



h:m:s

2017-02-02 12-17-56 (37): M8D 3fach Rill

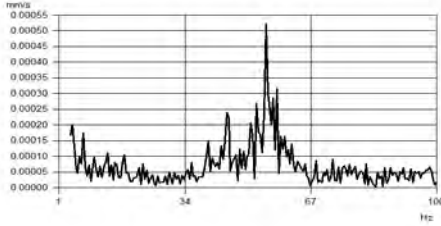


M8D 3fach Rill

2017-02-02 12-17-56 (37)

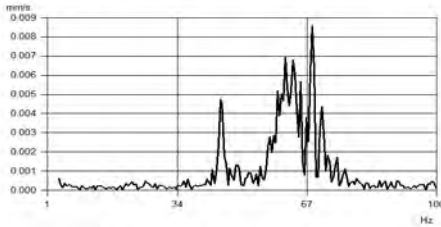
MP1 (Kanal\_001)

$f_e = 55.2 \text{ Hz} / v(\text{max}) = 0.001 \text{ mm/s}$



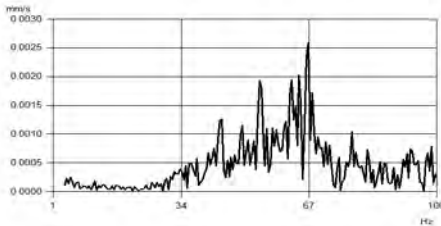
MP2.1 (Kanal\_002)

$f_e = 68.4 \text{ Hz} / v(\text{max}) = 0.009 \text{ mm/s}$



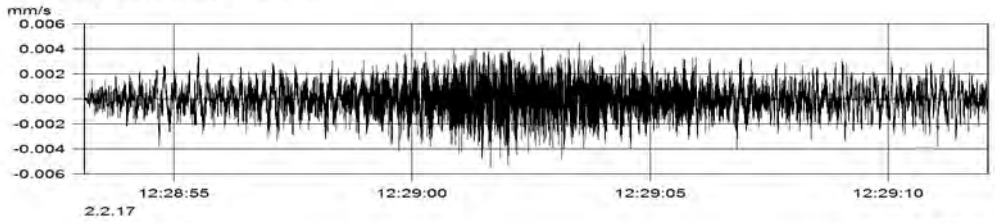
MP2.2 (Kanal\_003)

$f_e = 66.9 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

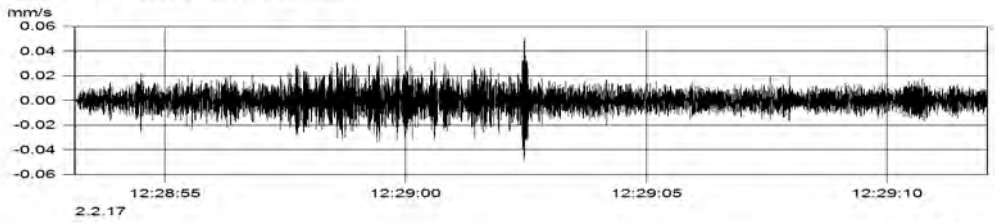


2017-02-02 12-21-53 (38): M8D Ril

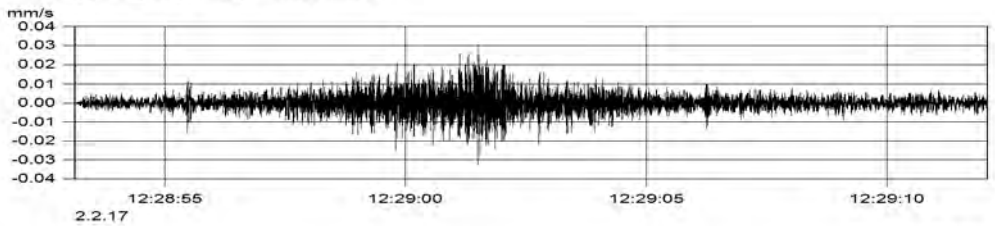
MP1 (Kanal\_001) v(max) = 0.005 mm/s



MP2.1 (Kanal\_002) v(max) = 0.051 mm/s



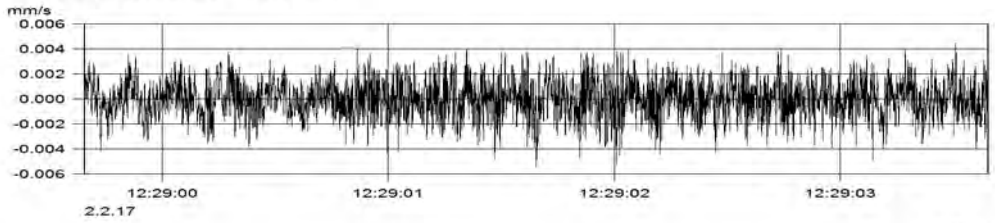
MP2.2 (Kanal\_003) v(max) = 0.033 mm/s





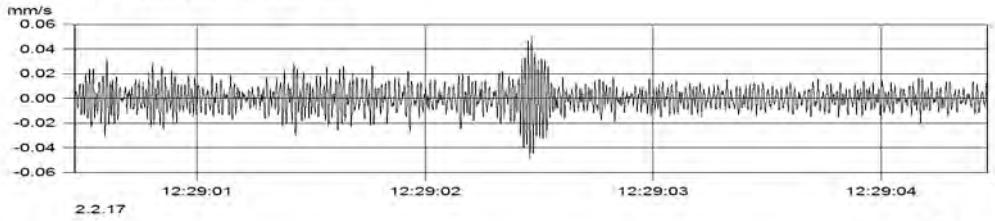
2017-02-02 12-21-53 (38): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



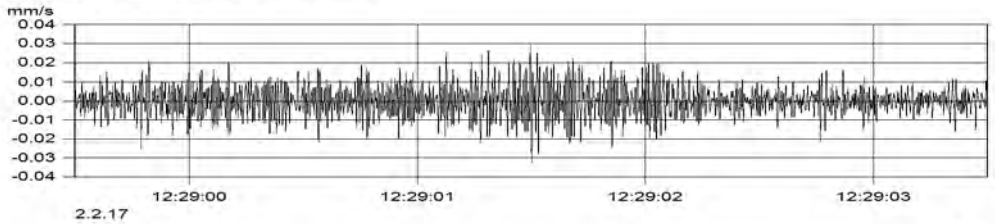
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.051 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.033 mm/s

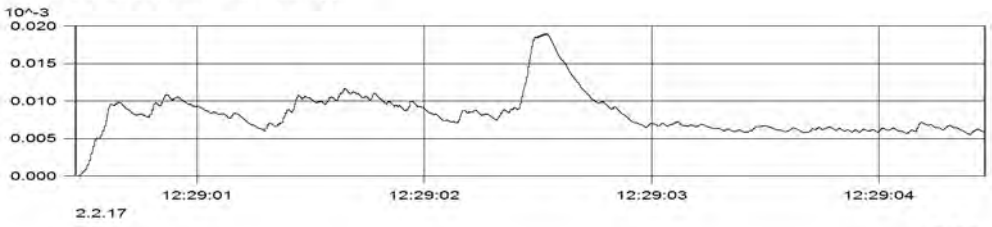


h:m:s



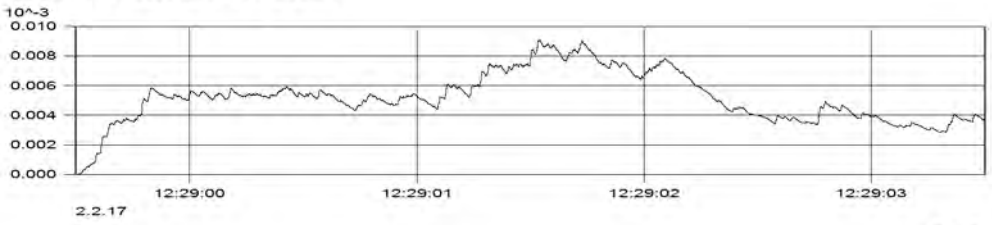
2017-02-02 12-21-53 (38): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.019[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.009[-]



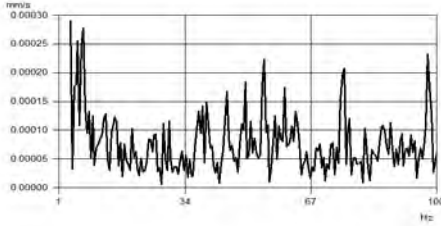
h:m:s

M8D Ril

2017-02-02 12-21-53 (38)

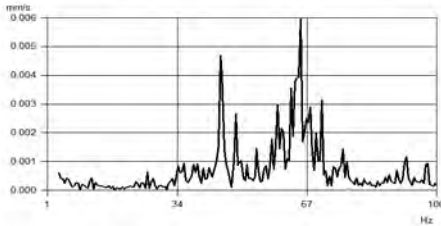
MP1 (Kanal\_001)

$f_e = 119.6 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



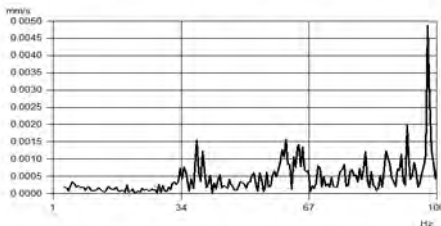
MP2.1 (Kanal\_002)

$f_e = 65.4 \text{ Hz} / v(\text{max}) = 0.006 \text{ mm/s}$



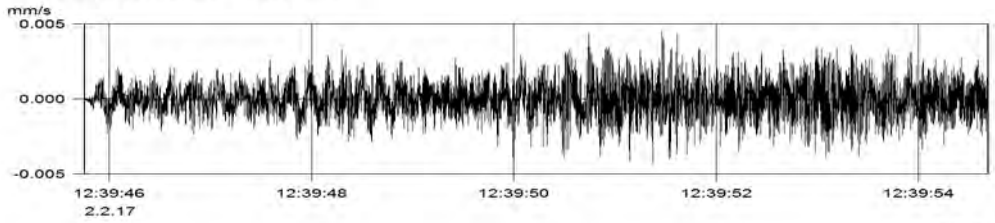
MP2.2 (Kanal\_003)

$f_e = 97.7 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$

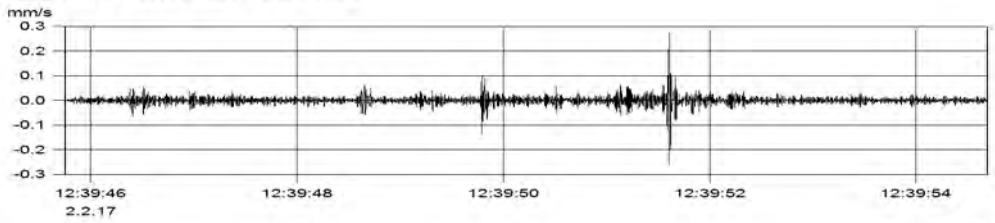


2017-02-02 12-29-17 (39): M8D Ril

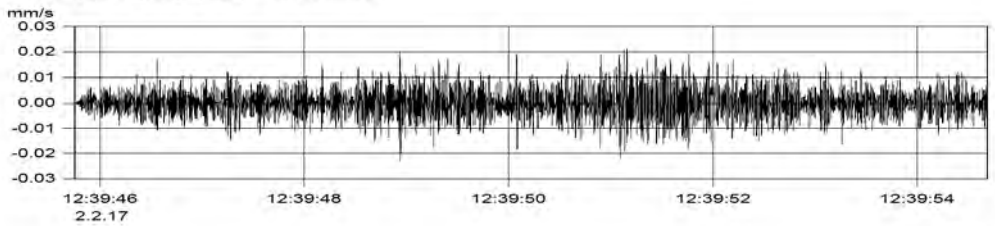
MP1 (Kanal\_001) v(max) = 0.005 mm/s



MP2.1 (Kanal\_002) v(max) = 0.273 mm/s

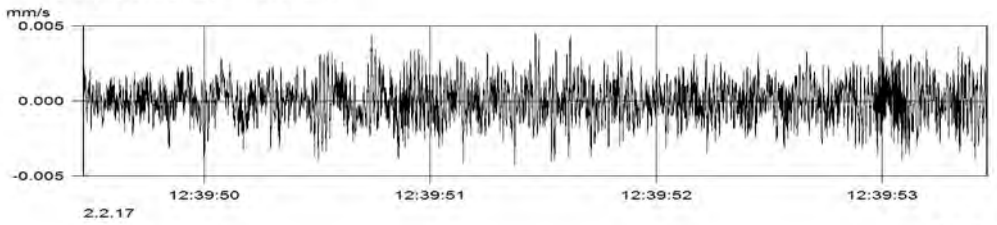


MP2.2 (Kanal\_003) v(max) = 0.023 mm/s



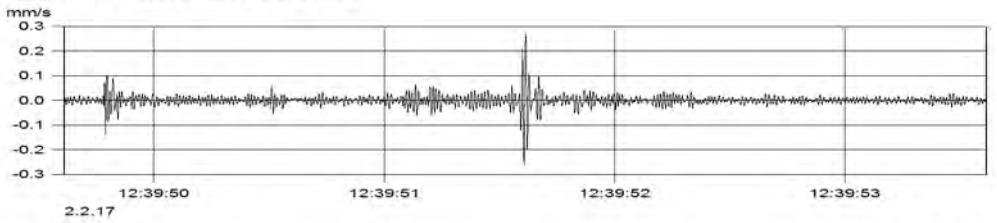
2017-02-02 12:29-17 (39): M8D Ril

MP1 (Kanal\_001) v(max) = 0.005 mm/s



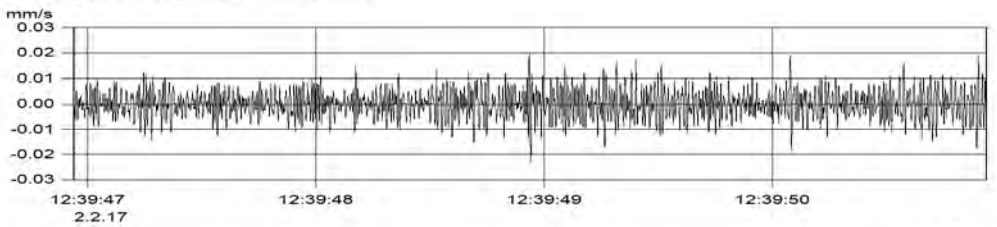
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.273 mm/s



h:m:s

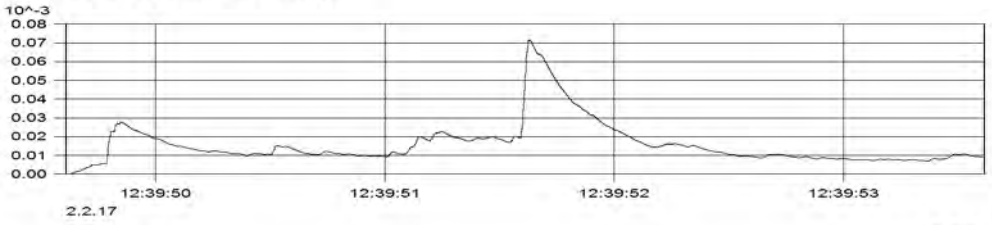
MP2.2 (Kanal\_003) v(max) = 0.023 mm/s



h:m:s

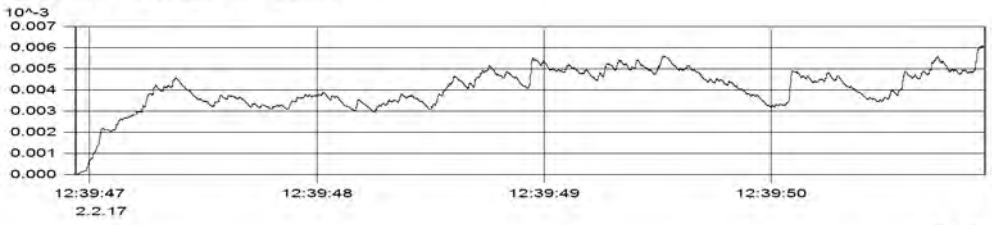
2017-02-02 12:29:17 (39): M8D Ril

MP2.1 (Kanal\_002) KB(max) = 0.072[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.006[-]



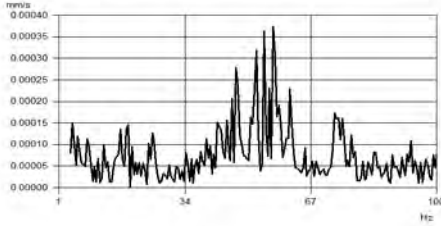
h:m:s

M8D Ril

2017-02-02 12-29-17 (39)

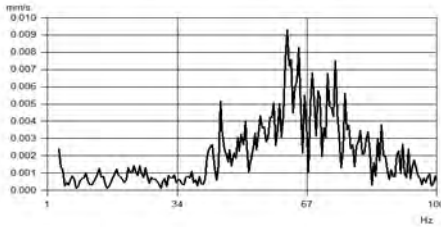
MP1 (Kanal\_001)

fe = 57.1 Hz / v(max) = 0.000 mm/s



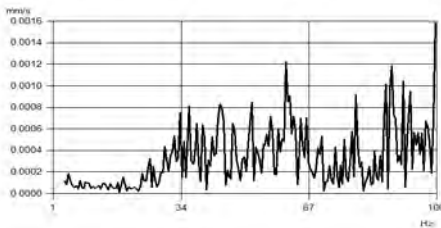
MP2.1 (Kanal\_002)

fe = 62.0 Hz / v(max) = 0.009 mm/s



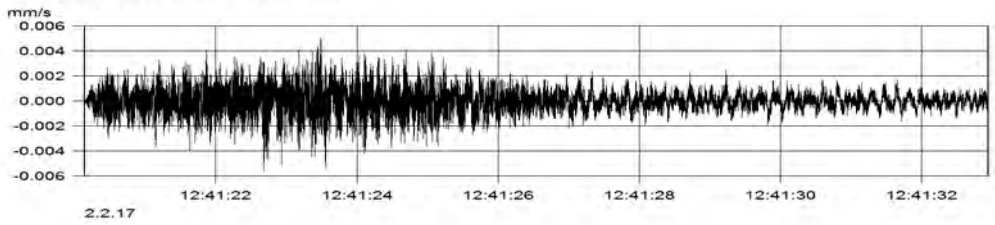
MP2.2 (Kanal\_003)

fe = 99.6 Hz / v(max) = 0.002 mm/s



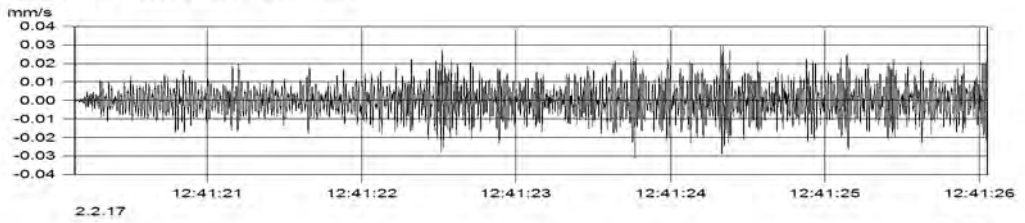
2017-02-02 12-40-07 (40): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.006 mm/s



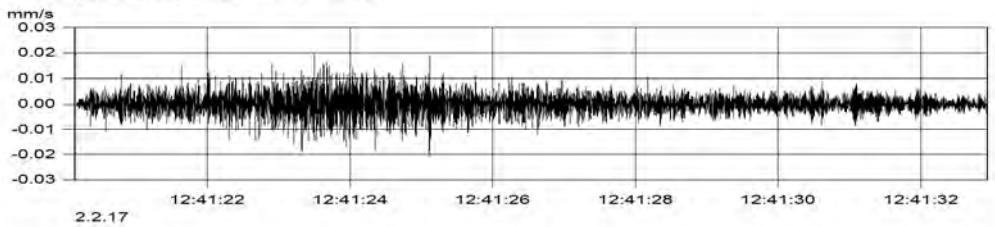
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.031 mm/s



h:m:s

MP2.2 (Kanal\_003) v(max) = 0.021 mm/s

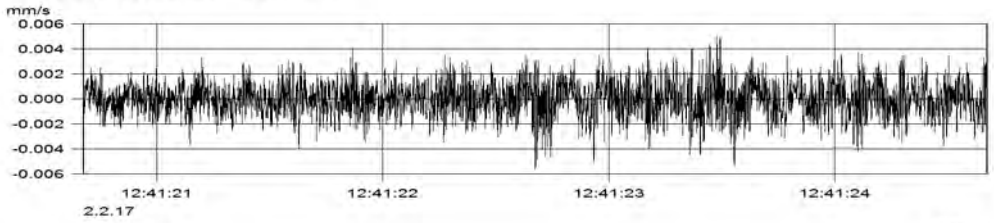


h:m:s



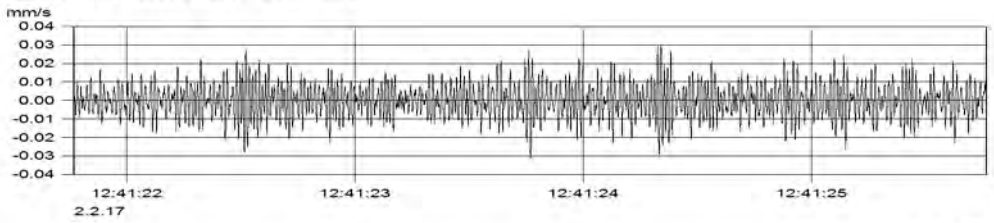
2017-02-02 12-40-07 (40): M8D 3fach Rill

MP1 (Kanal\_001) v(max) = 0.006 mm/s



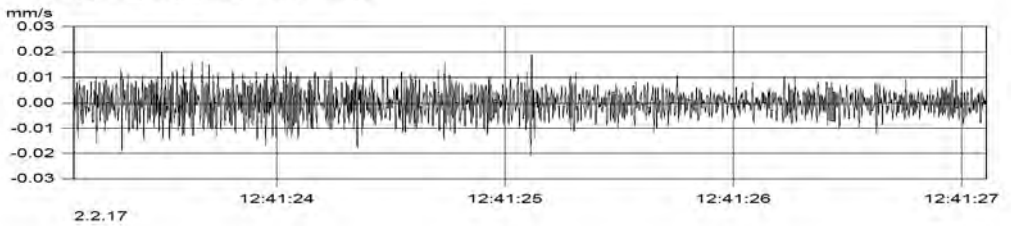
h:m:s

MP2.1 (Kanal\_002) v(max) = 0.031 mm/s



h:m:s

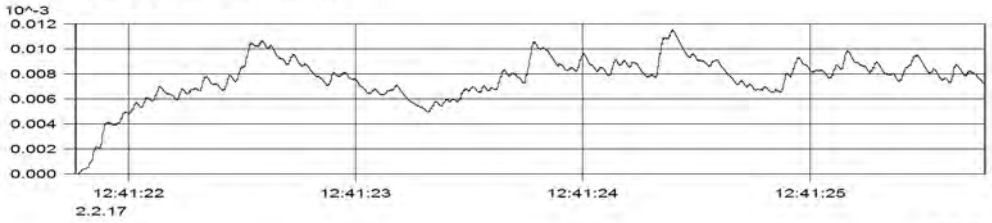
MP2.2 (Kanal\_003) v(max) = 0.021 mm/s



h:m:s

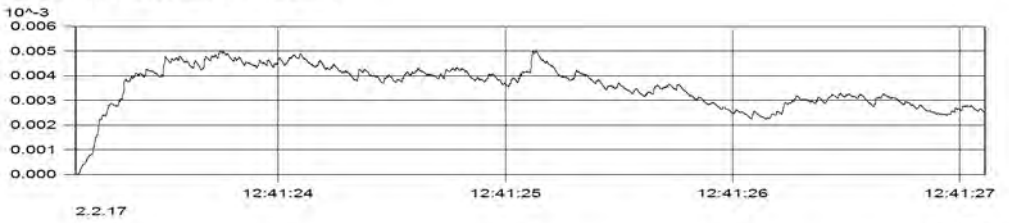
2017-02-02 12-40-07 (40): M8D 3fach Rill

MP2.1 (Kanal\_002) KB(max) = 0.012[-]



h:m:s

MP2.2 (Kanal\_003) KB(max) = 0.005[-]



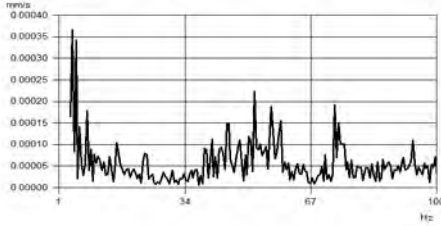
h:m:s

M8D 3fach Rill

2017-02-02 12-40-07 (40)

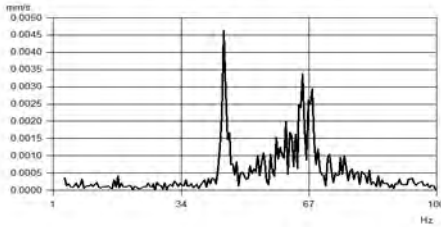
MP1 (Kanal\_001)

$f_e = 4.4 \text{ Hz} / v(\text{max}) = 0.000 \text{ mm/s}$



MP2.1 (Kanal\_002)

$f_e = 44.9 \text{ Hz} / v(\text{max}) = 0.005 \text{ mm/s}$



MP2.2 (Kanal\_003)

$f_e = 101.6 \text{ Hz} / v(\text{max}) = 0.003 \text{ mm/s}$

