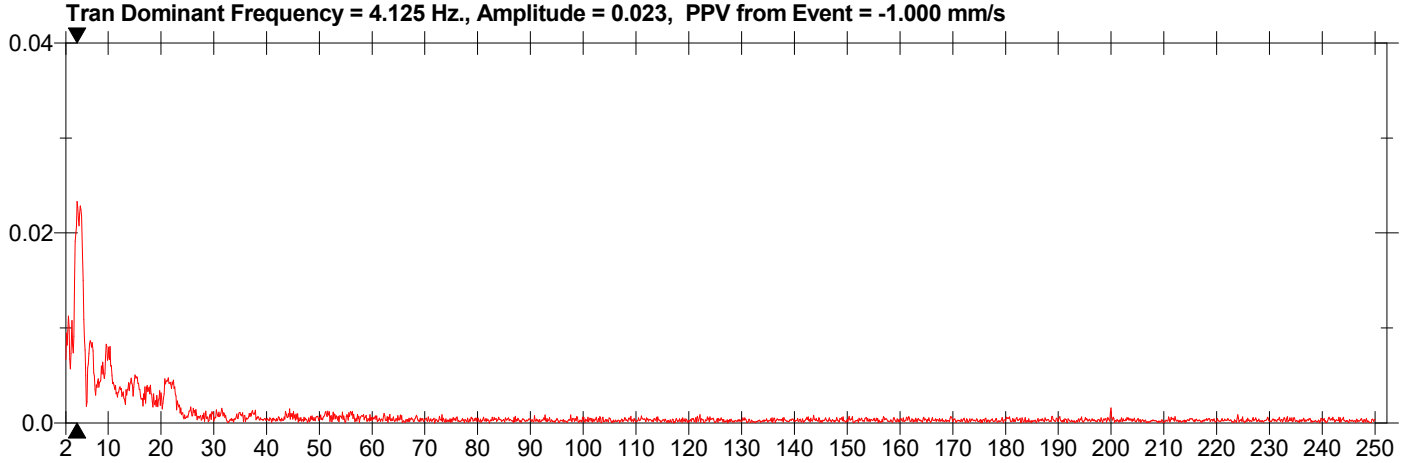
FFT Report

Date/Time	Tran at 10:47:07 January 3, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	January 19, 2021 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220103104707.IDFW
Operator/Setup:	Operator/factory.mmb		

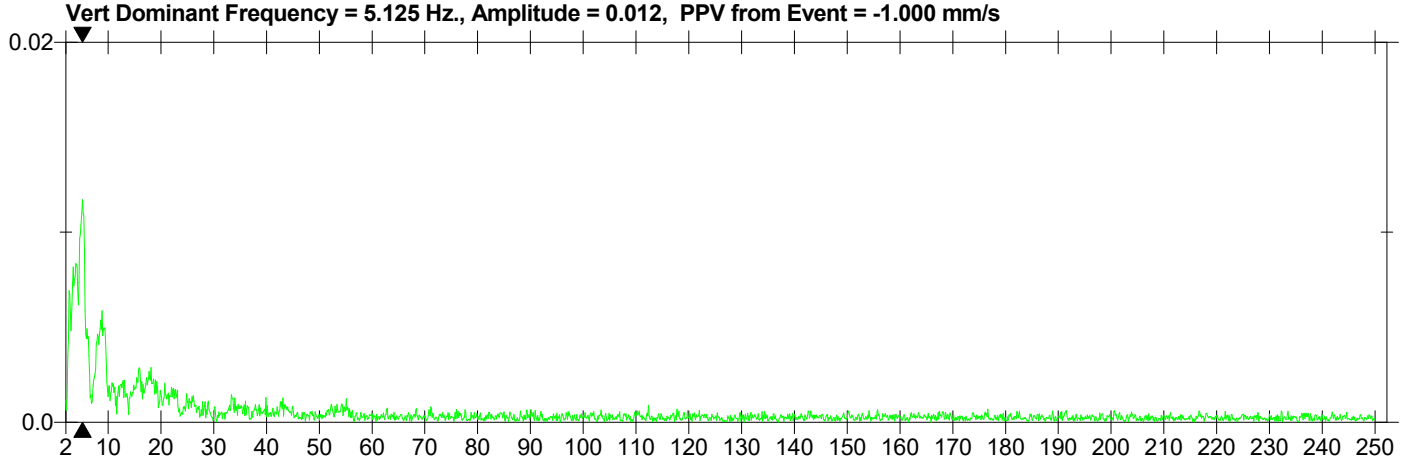
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1450 kg / 13 furos 18m

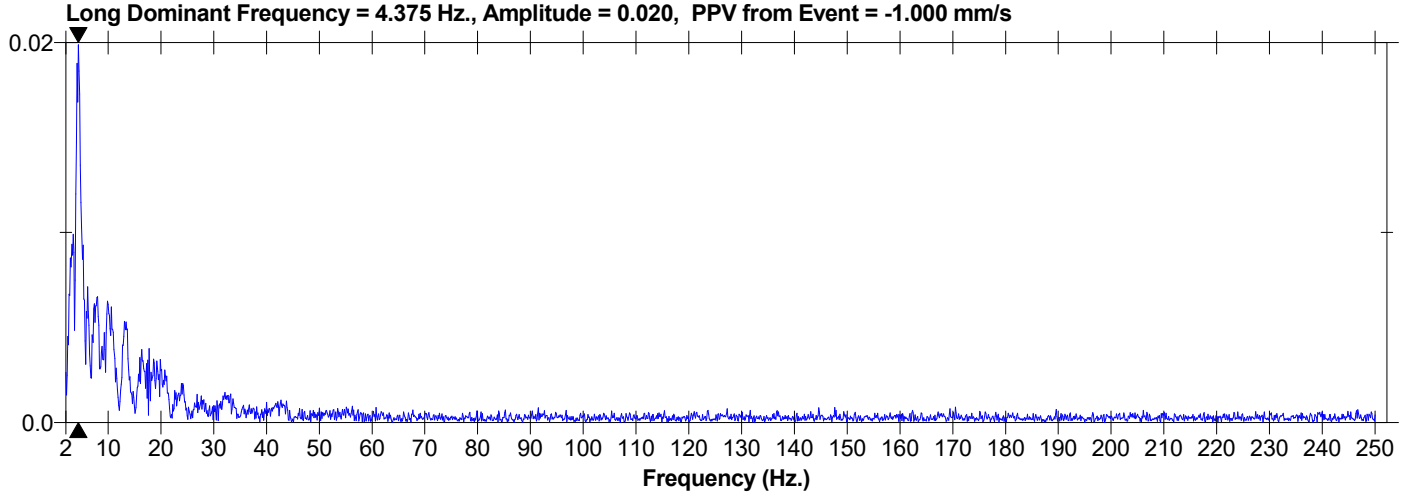
Tran Dominant Frequency = 4.125 Hz., Amplitude = 0.023, PPV from Event = -1.000 mm/s



Vert Dominant Frequency = 5.125 Hz., Amplitude = 0.012, PPV from Event = -1.000 mm/s



Long Dominant Frequency = 4.375 Hz., Amplitude = 0.020, PPV from Event = -1.000 mm/s



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Event Report

Date/Time	Tran at 10:47:07 January 3, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

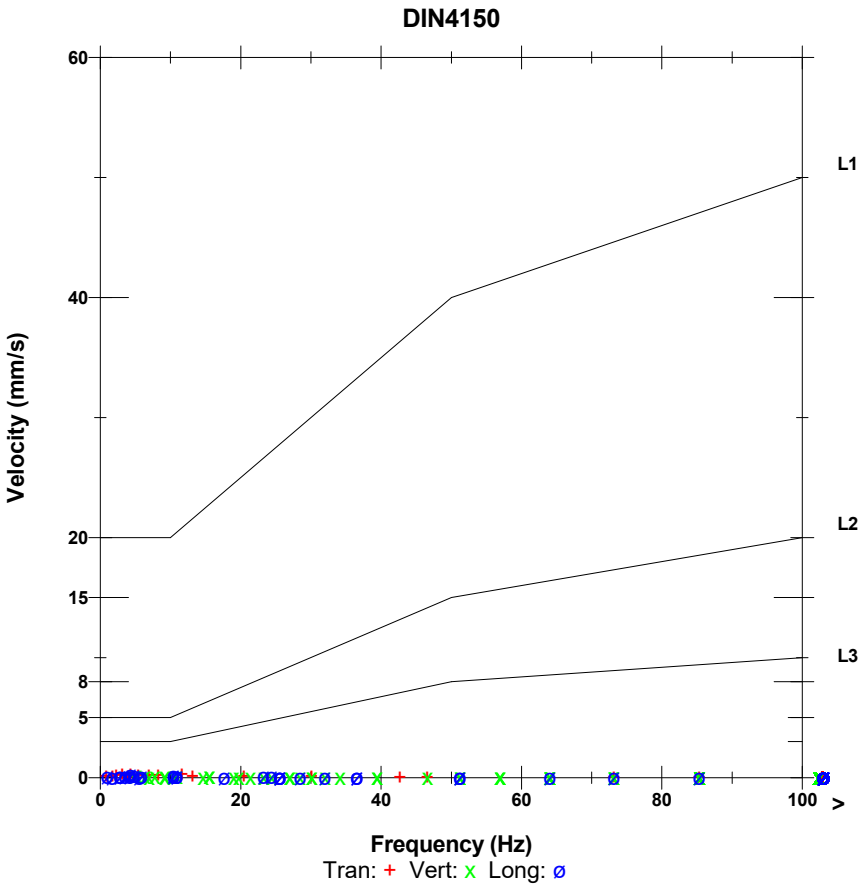
Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	January 19, 2021 by CEME
File Name	UM12438_20220103104707.IDFW

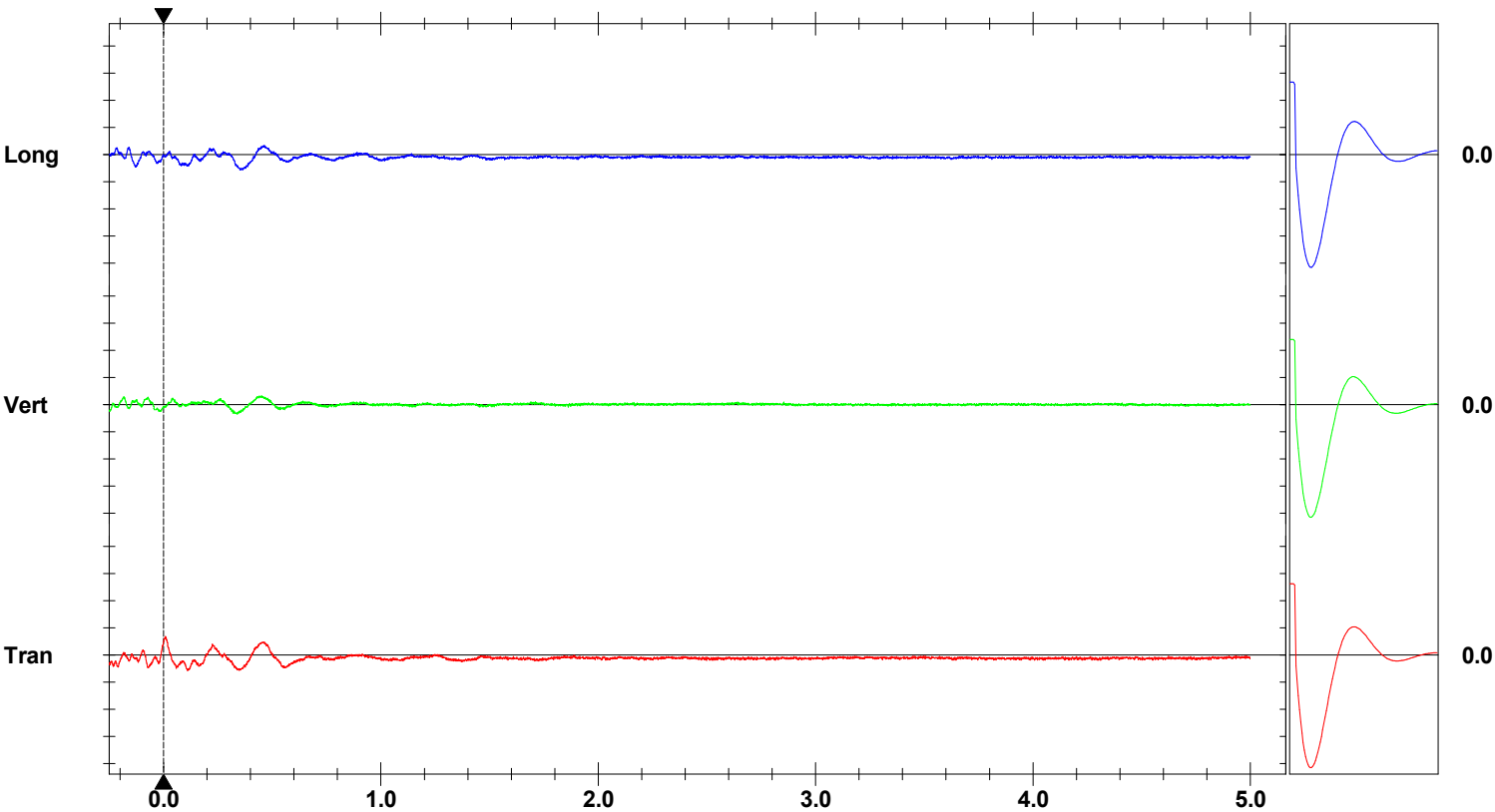
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1450 kg / 13 furos 18m

	Tran	Vert	Long	
PPV	0.339	0.173	0.284	mm/s
ZC Freq	12	5.1	4.3	Hz
Time (Rel. to Trig)	0.009	0.340	0.352	sec
Peak Acceleration	0.006	0.006	0.006	g
Peak Displacement	0.020	0.005	0.014	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.3	7.3	Hz
Overswing Ratio	4.0	4.0	3.4	

Peak Vector Sum 0.408 mm/s at 0.352 sec





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Sensor Check
Trigger = ▶----------◀

Format © 1995-2015 Xmark Corporation

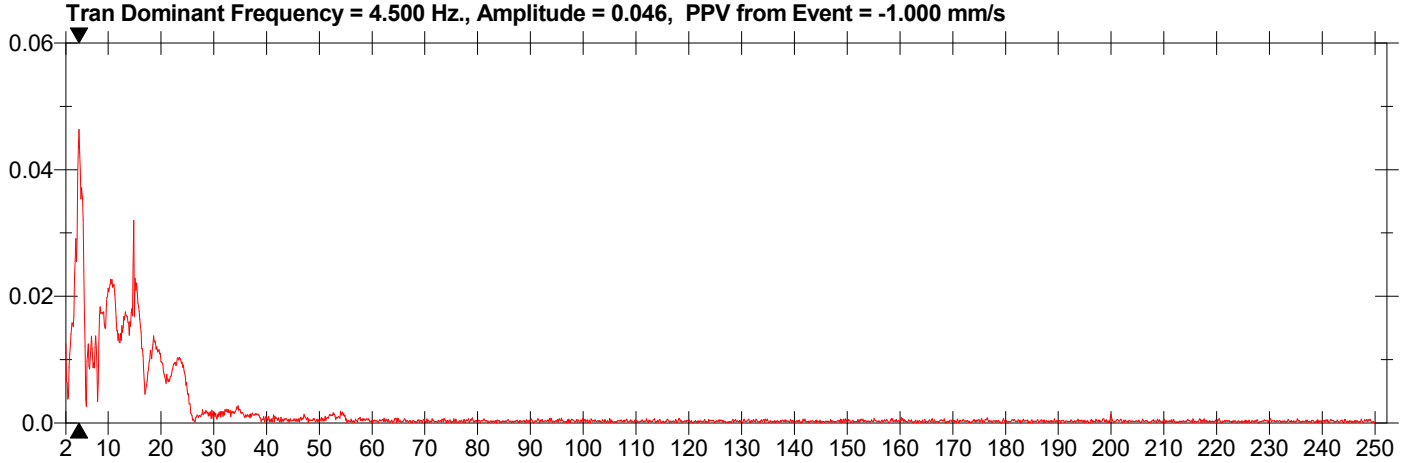
FFT Report

Date/Time	Long at 13:03:31 January 12, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	January 19, 2021 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220112130331.IDFW
Operator/Setup:	Operator/factory.mmb		

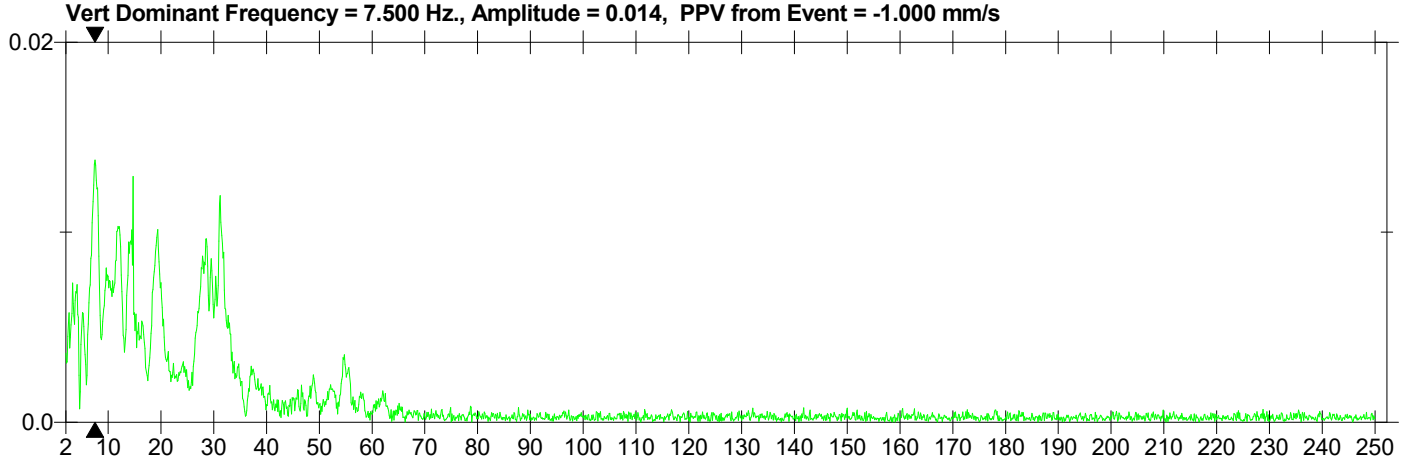
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1225 kg / 11 furos 18m

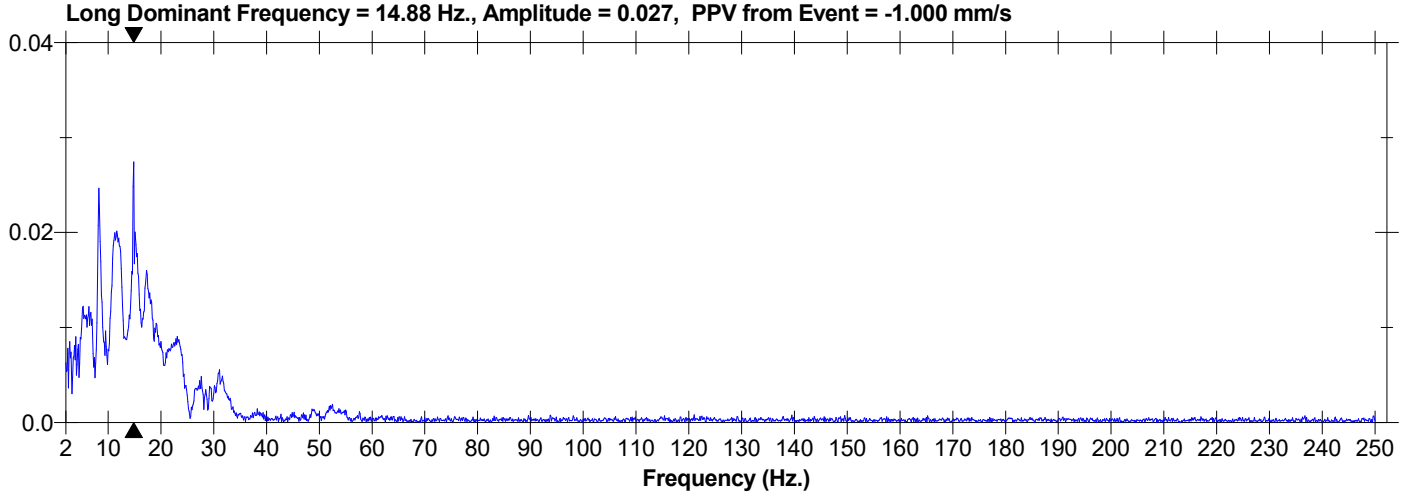
Tran Dominant Frequency = 4.500 Hz., Amplitude = 0.046, PPV from Event = -1.000 mm/s



Vert Dominant Frequency = 7.500 Hz., Amplitude = 0.014, PPV from Event = -1.000 mm/s



Long Dominant Frequency = 14.88 Hz., Amplitude = 0.027, PPV from Event = -1.000 mm/s



Format © 1995-2015 Xmark Corporation

Event Report

Date/Time	Long at 13:03:31 January 12, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

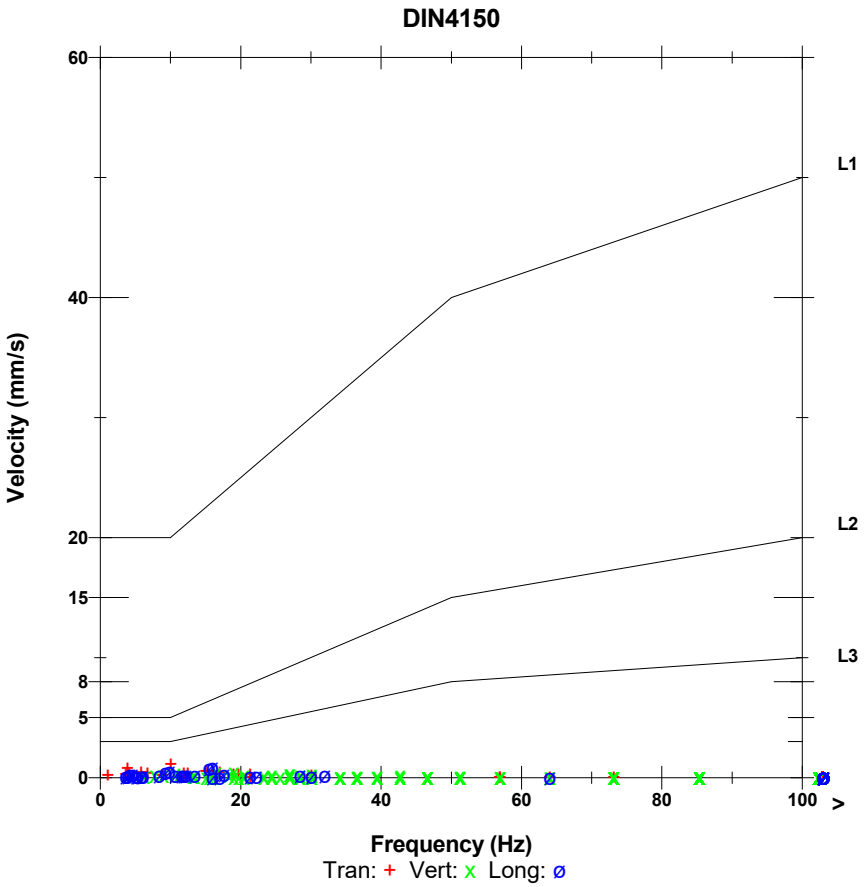
Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	January 19, 2021 by CEME
File Name	UM12438_20220112130331.IDFW

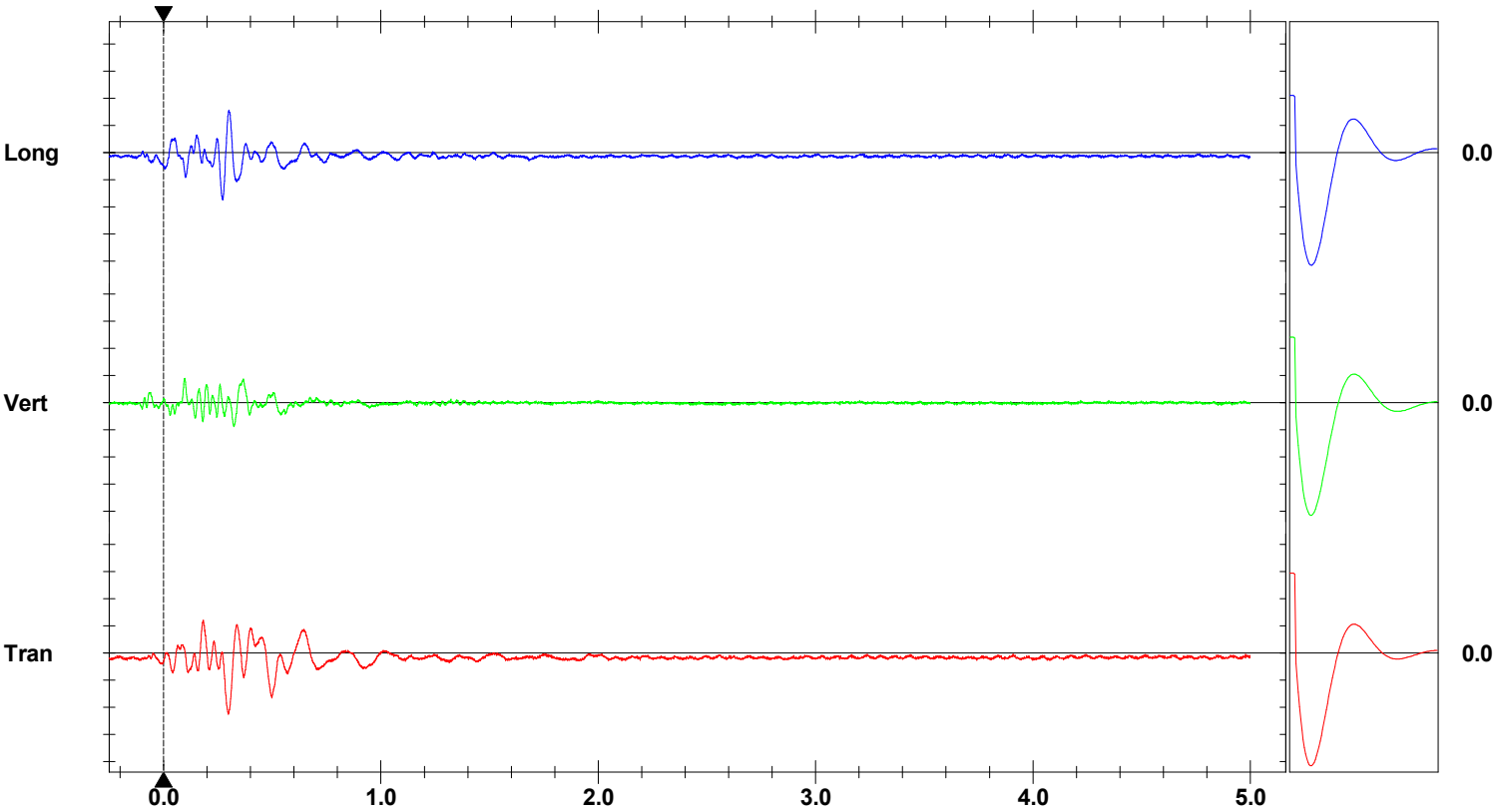
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1225 kg / 11 furos 18m

	Tran	Vert	Long	
PPV	1.127	0.449	0.867	mm/s
ZC Freq	10	19	16	Hz
Time (Rel. to Trig)	0.299	0.098	0.271	sec
Peak Acceleration	0.012	0.010	0.016	g
Peak Displacement	0.021	0.006	0.010	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.3	7.3	Hz
Overswing Ratio	3.9	3.9	3.3	

Peak Vector Sum 1.356 mm/s at 0.299 sec





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Sensor Check
Trigger = ▶----------◀

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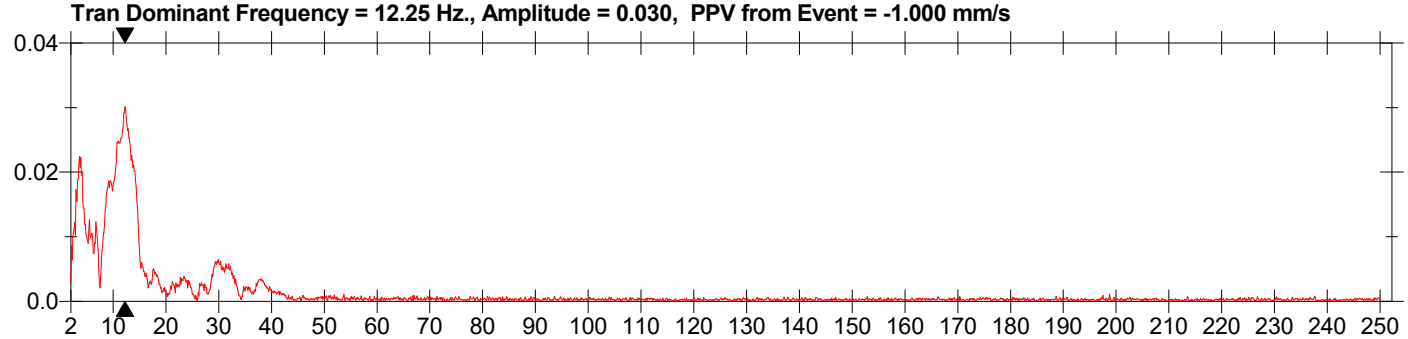
FFT Report

Date/Time	Tran at 08:53:30 May 13, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	March 9, 2022 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220513085330.IDFW
Operator/Setup:	Operator/factory.mmb		

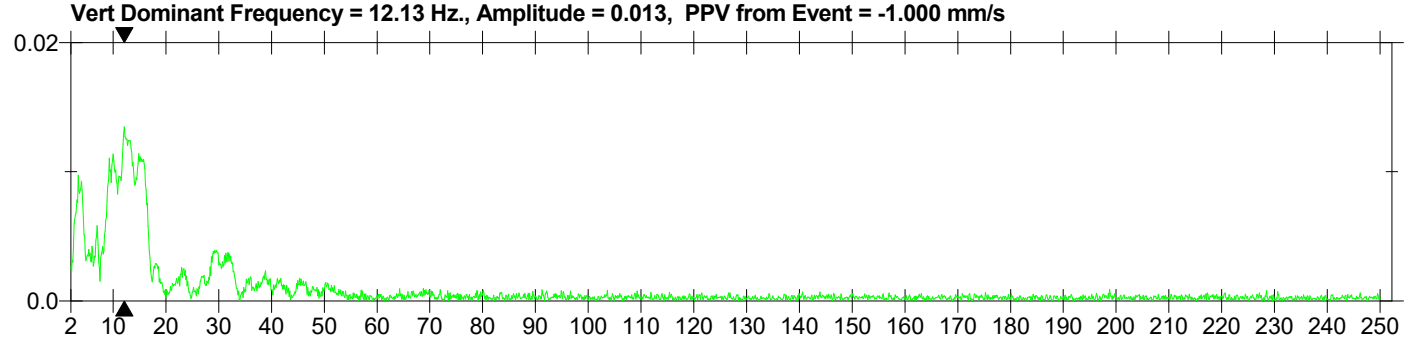
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
625 kg / dist. aprox.- 300m

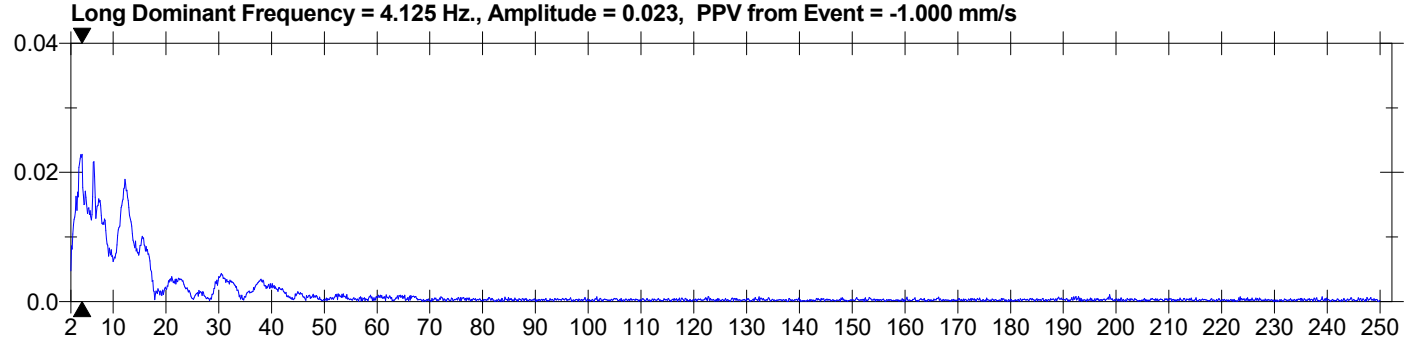
Tran Dominant Frequency = 12.25 Hz., Amplitude = 0.030, PPV from Event = -1.000 mm/s



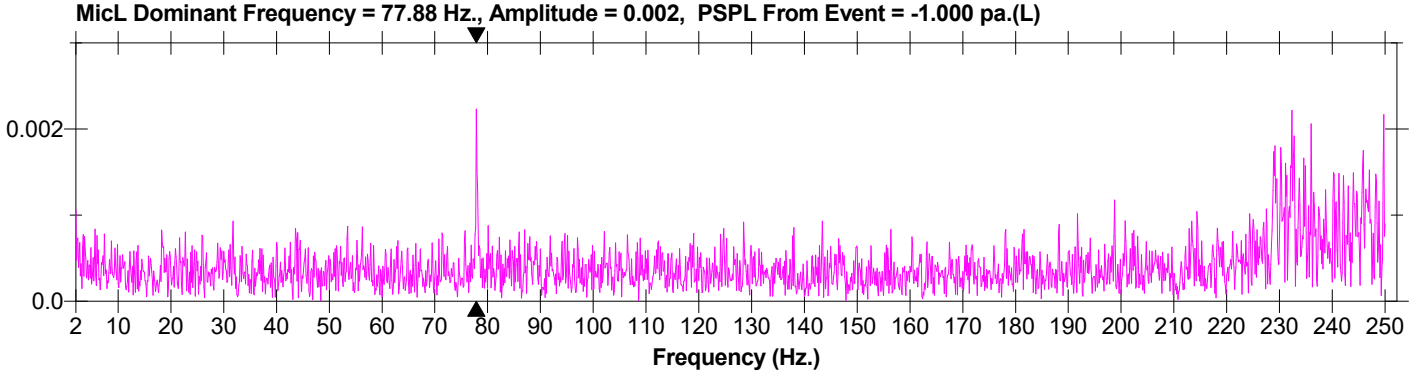
Vert Dominant Frequency = 12.13 Hz., Amplitude = 0.013, PPV from Event = -1.000 mm/s



Long Dominant Frequency = 4.125 Hz., Amplitude = 0.023, PPV from Event = -1.000 mm/s



MicL Dominant Frequency = 77.88 Hz., Amplitude = 0.002, PSPL From Event = -1.000 pa.(L)



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Event Report

Date/Time	Tran at 08:53:30 May 13, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	March 9, 2022 by CEME
File Name	UM12438_20220513085330.IDFW

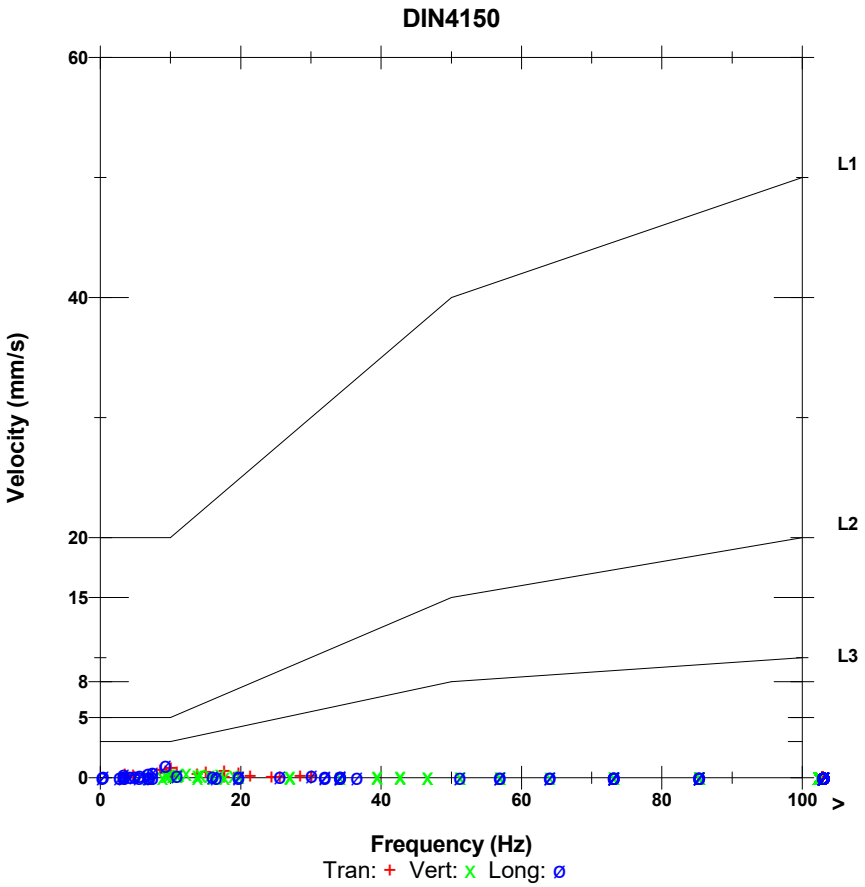
Notes
Location:
Client:
User Name:
General:

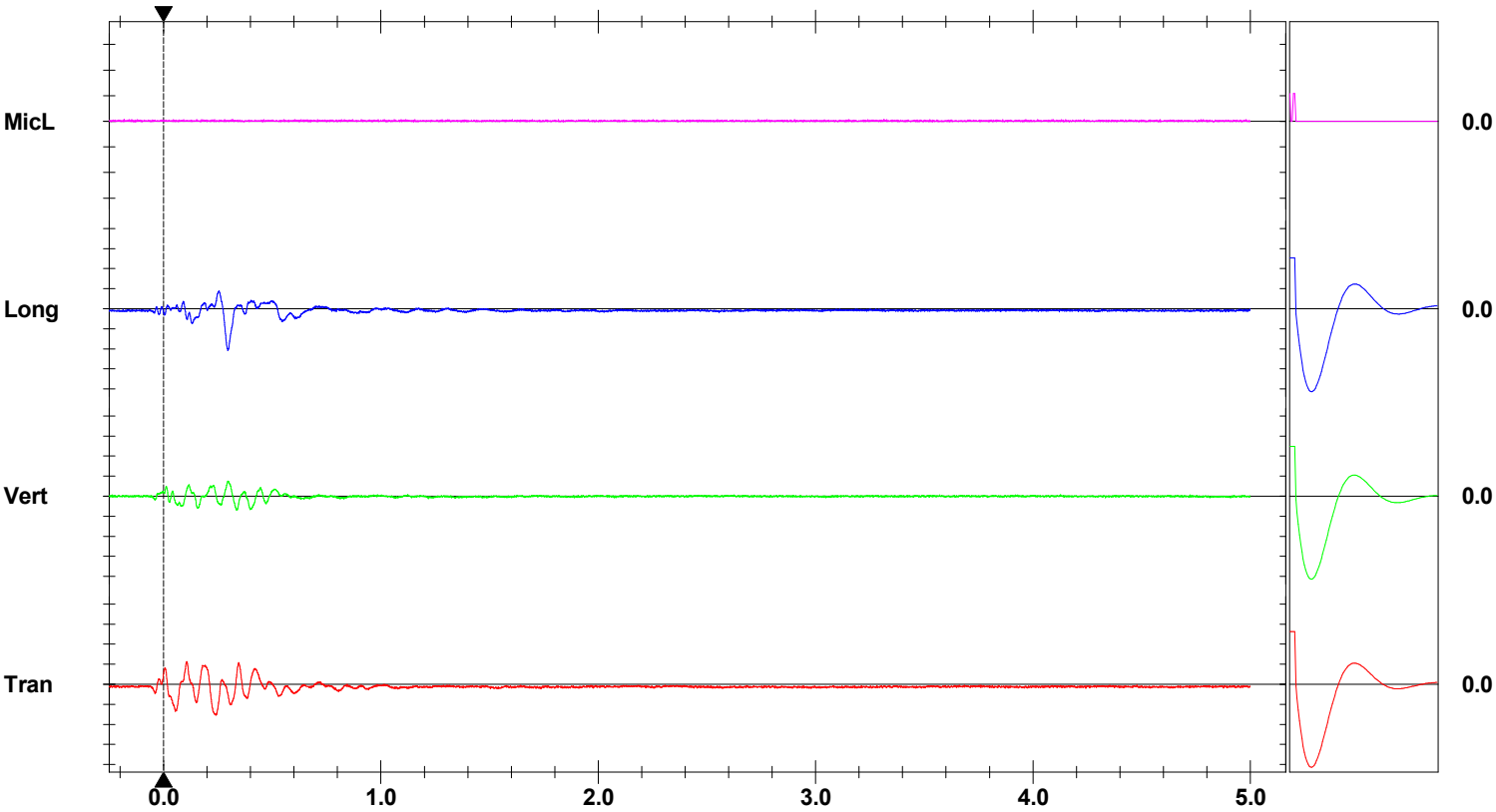
Post Event Notes
Sicóbrita
625 kg / dist. aprox.- 300m

Microphone	Linear Weighting
PSPL	<0.500 pa.(L)
ZC Freq	>100 Hz
Channel Test	Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	0.772	0.378	1.040	mm/s
ZC Freq	10	12	9.3	Hz
Time (Rel. to Trig)	0.240	0.296	0.296	sec
Peak Acceleration	0.009	0.007	0.008	g
Peak Displacement	0.013	0.005	0.037	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.1	7.1	7.3	Hz
Overswing Ratio	3.9	3.9	3.3	

Peak Vector Sum 1.134 mm/s at 0.296 sec
N/A: Not Applicable





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Mic: 1.000 pa.(L)/div Sensor Check
Trigger = ▶----------◀

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Event Report

Date/Time	Long at 09:27:35 May 30, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	March 9, 2022 by CEME
File Name	UM12438_20220530092735.IDFW

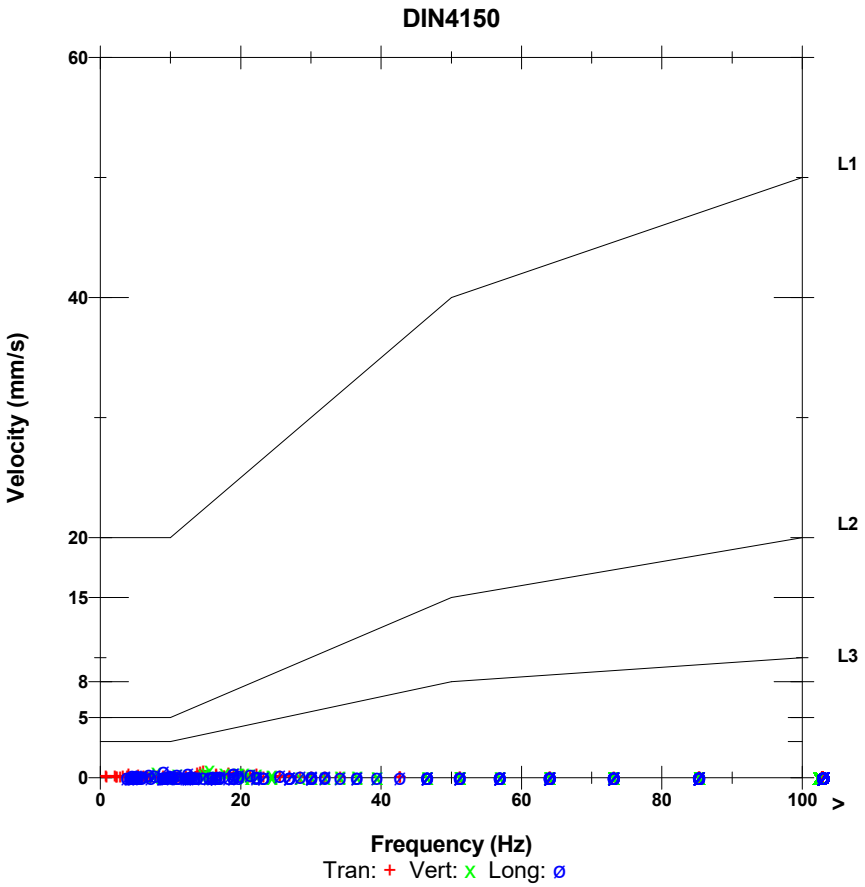
Notes
Location:
Client:
User Name:
General:

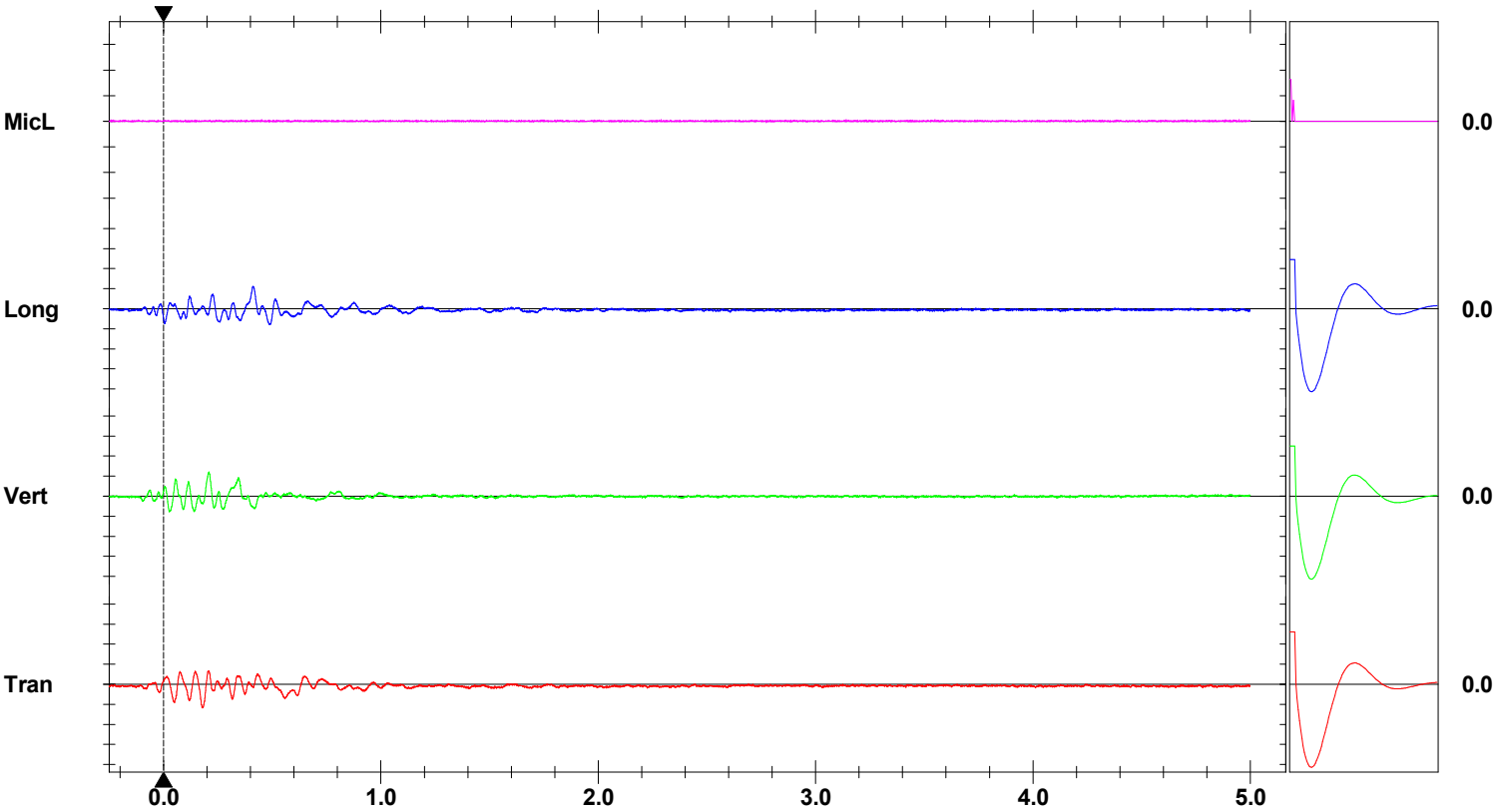
Post Event Notes
Sicóbrita
1100 kg / 10 furos 18m / dist. aprox.- 890m

Microphone	Linear Weighting
PSPL	<0.500 pa.(L)
ZC Freq	>100 Hz
Channel Test	Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	0.591	0.607	0.560	mm/s
ZC Freq	15	16	9.0	Hz
Time (Rel. to Trig)	0.179	0.209	0.411	sec
Peak Acceleration	0.008	0.009	0.007	g
Peak Displacement	0.016	0.008	0.007	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.1	7.3	Hz
Overswing Ratio	3.9	3.9	3.3	

Peak Vector Sum 0.692 mm/s at 0.209 sec
N/A: Not Applicable





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Mic: 1.000 pa.(L)/div Sensor Check
Trigger = ▶----------◀

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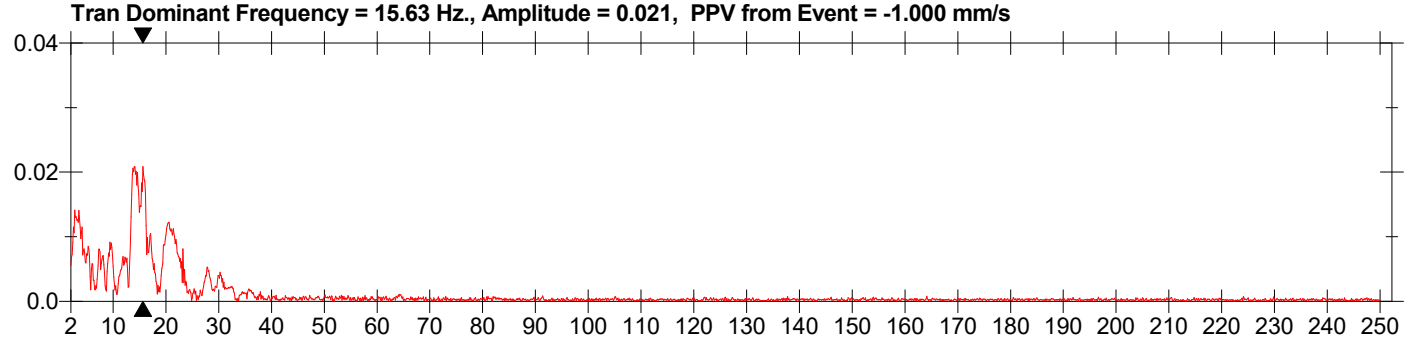
FFT Report

Date/Time	Long at 09:27:35 May 30, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	March 9, 2022 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220530092735.IDFW
Operator/Setup:	Operator/factory.mmb		

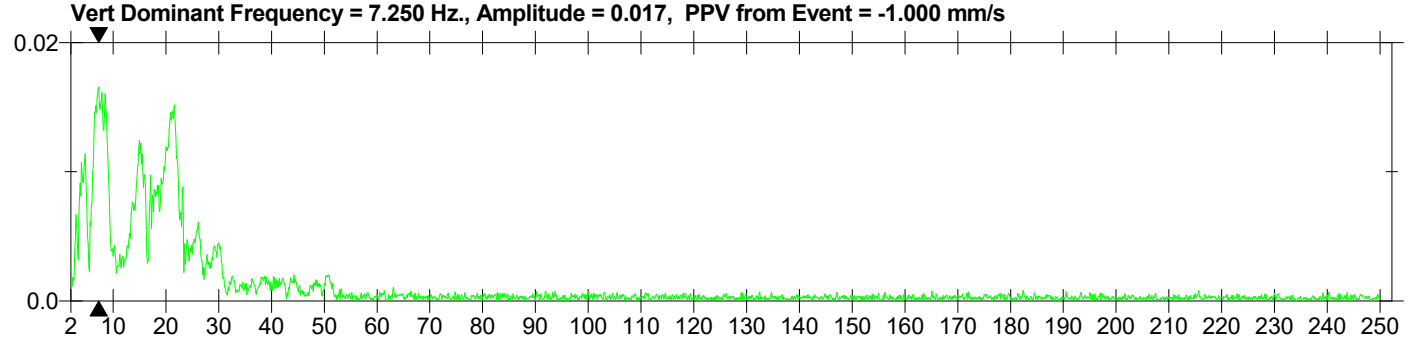
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1100 kg / 10 furos 18m / dist. aprox.- 890m

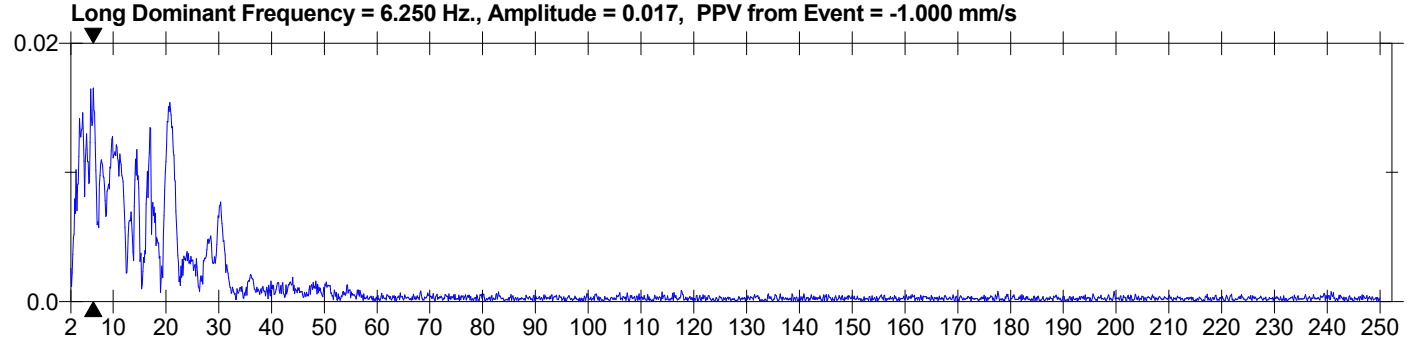
Tran Dominant Frequency = 15.63 Hz., Amplitude = 0.021, PPV from Event = -1.000 mm/s



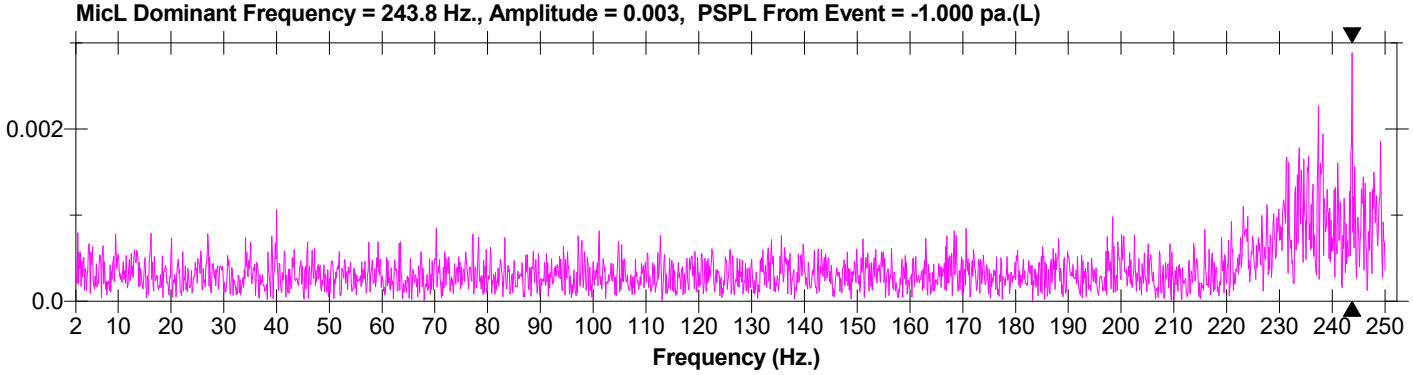
Vert Dominant Frequency = 7.250 Hz., Amplitude = 0.017, PPV from Event = -1.000 mm/s



Long Dominant Frequency = 6.250 Hz., Amplitude = 0.017, PPV from Event = -1.000 mm/s



MicL Dominant Frequency = 243.8 Hz., Amplitude = 0.003, PSPL From Event = -1.000 pa.(L)



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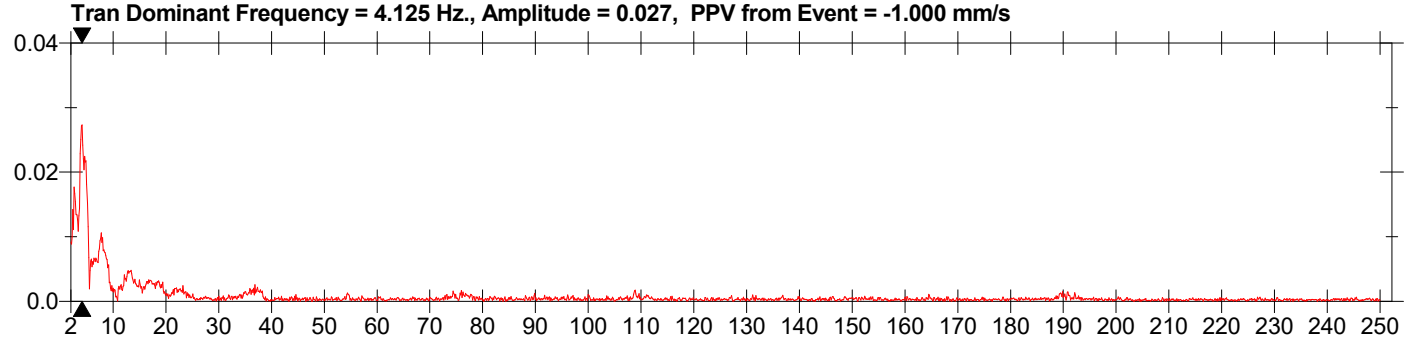
FFT Report

Date/Time	Long at 09:37:01 June 6, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	March 9, 2022 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220606093701.IDFW
Operator/Setup:	Operator/factory.mmb		

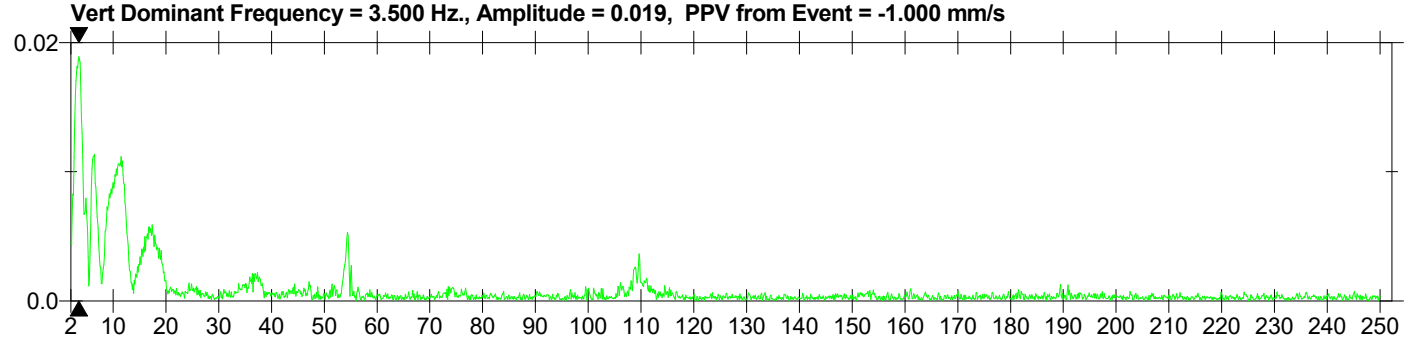
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
900 kg / 50 furos 5m / dist. aprox.- 500

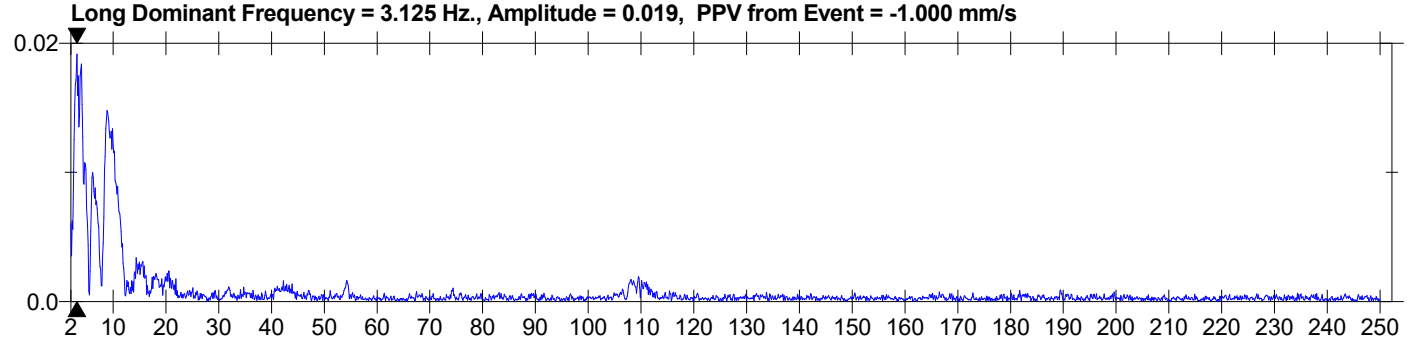
Tran Dominant Frequency = 4.125 Hz., Amplitude = 0.027, PPV from Event = -1.000 mm/s



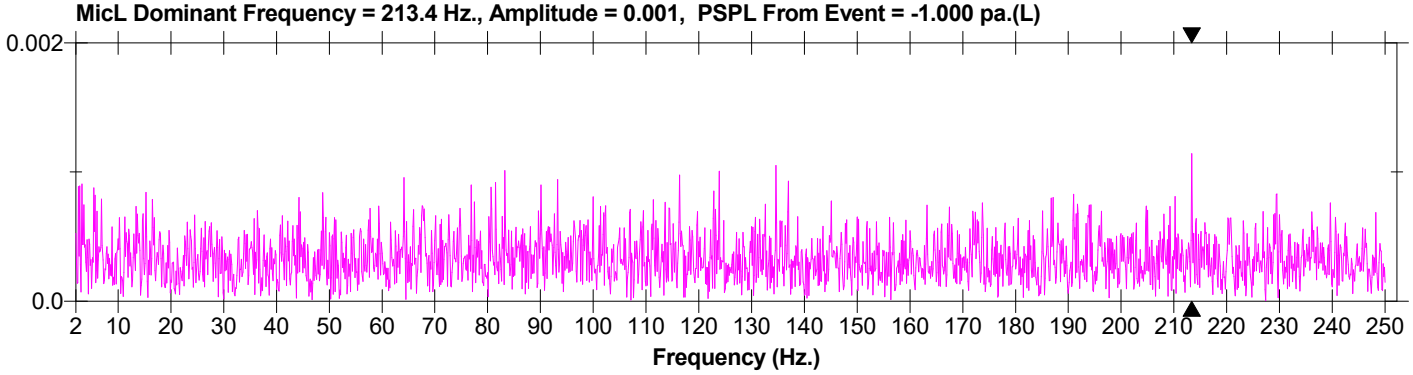
Vert Dominant Frequency = 3.500 Hz., Amplitude = 0.019, PPV from Event = -1.000 mm/s



Long Dominant Frequency = 3.125 Hz., Amplitude = 0.019, PPV from Event = -1.000 mm/s



MicL Dominant Frequency = 213.4 Hz., Amplitude = 0.001, PSPL From Event = -1.000 pa.(L)



Format © 1995-2015 Xmark Corporation

Event Report

Date/Time	Long at 09:37:01 June 6, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	March 9, 2022 by CEME
File Name	UM12438_20220606093701.IDFW

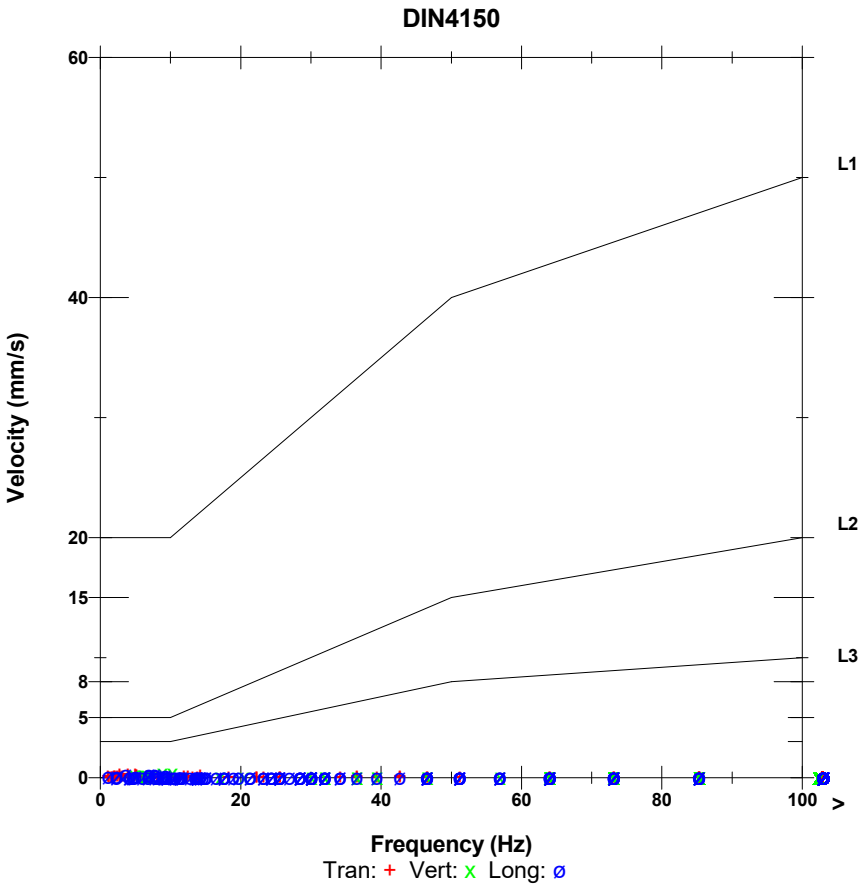
Notes
Location:
Client:
User Name:
General:

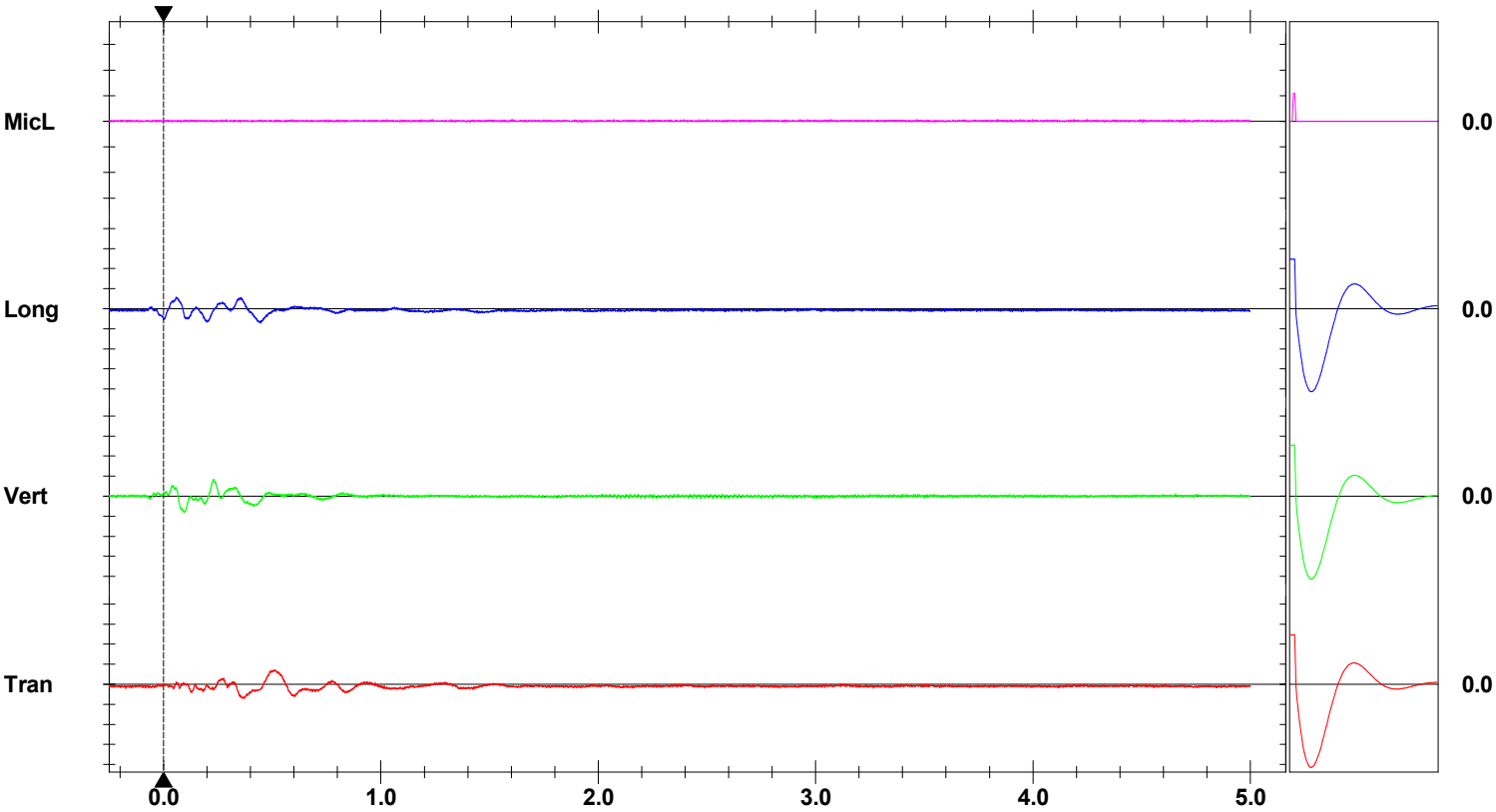
Post Event Notes
Sicóbrita
900 kg / 50 furos 5m / dist. aprox.- 500

Microphone	Linear Weighting
PSPL	<0.500 pa.(L)
ZC Freq	>100 Hz
Channel Test	Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	0.355	0.426	0.355	mm/s
ZC Freq	5.0	10	3.6	Hz
Time (Rel. to Trig)	0.510	0.229	0.448	sec
Peak Acceleration	0.006	0.007	0.006	g
Peak Displacement	0.014	0.008	0.011	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.1	7.3	Hz
Overswing Ratio	3.9	3.9	3.3	

Peak Vector Sum 0.455 mm/s at 0.096 sec
N/A: Not Applicable





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Mic: 1.000 pa.(L)/div Sensor Check
Trigger = ▶----------◀

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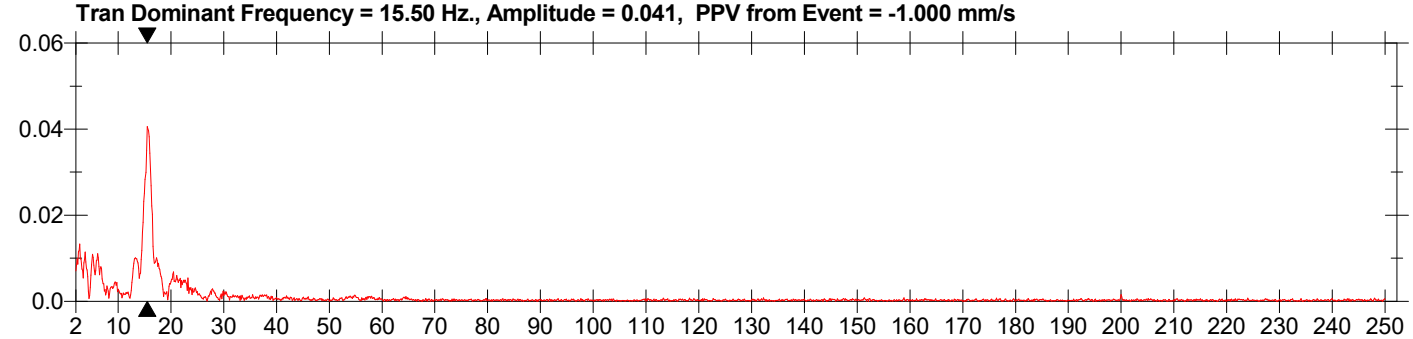
FFT Report

Date/Time	Vert at 09:05:26 June 7, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	March 9, 2022 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220607090526.IDFW
Operator/Setup:	Operator/factory.mmb		

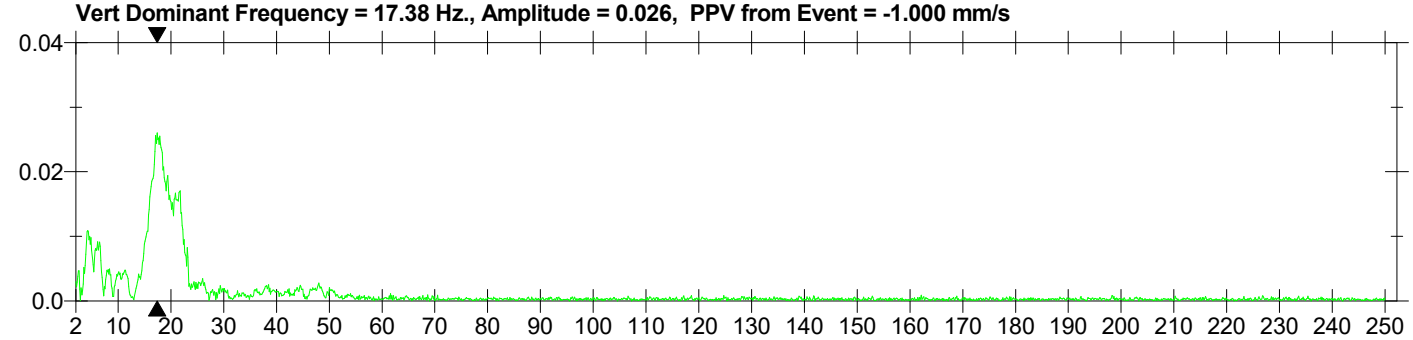
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1225 kg / 11 furos de 18m / dist. aprox.- 900

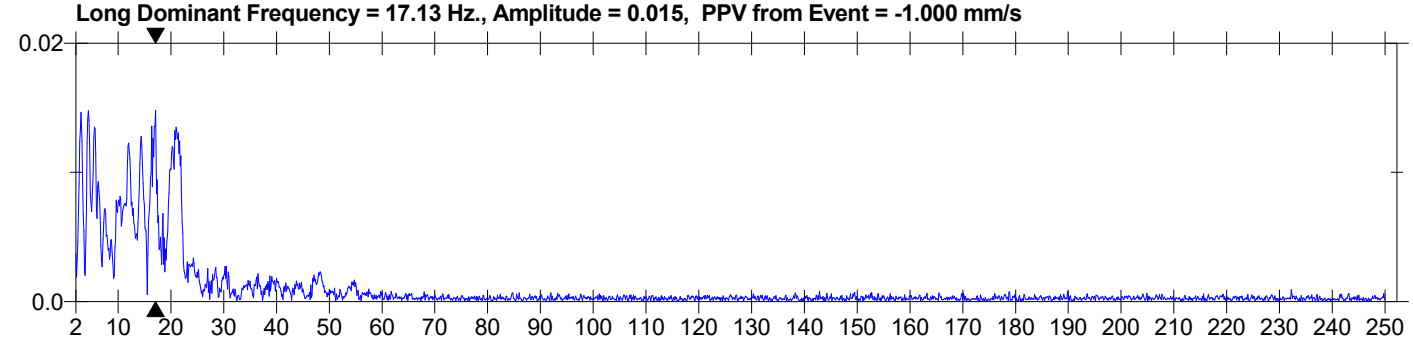
Tran Dominant Frequency = 15.50 Hz., Amplitude = 0.041, PPV from Event = -1.000 mm/s



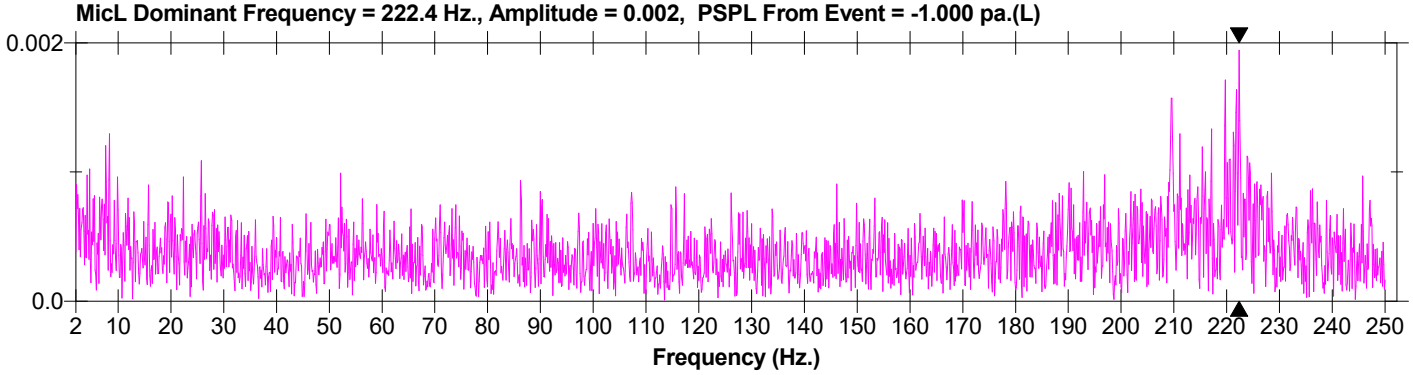
Vert Dominant Frequency = 17.38 Hz., Amplitude = 0.026, PPV from Event = -1.000 mm/s



Long Dominant Frequency = 17.13 Hz., Amplitude = 0.015, PPV from Event = -1.000 mm/s



MicL Dominant Frequency = 222.4 Hz., Amplitude = 0.002, PSPL From Event = -1.000 pa.(L)



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Event Report

Date/Time	Vert at 09:05:26 June 7, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	March 9, 2022 by CEME
File Name	UM12438_20220607090526.IDFW

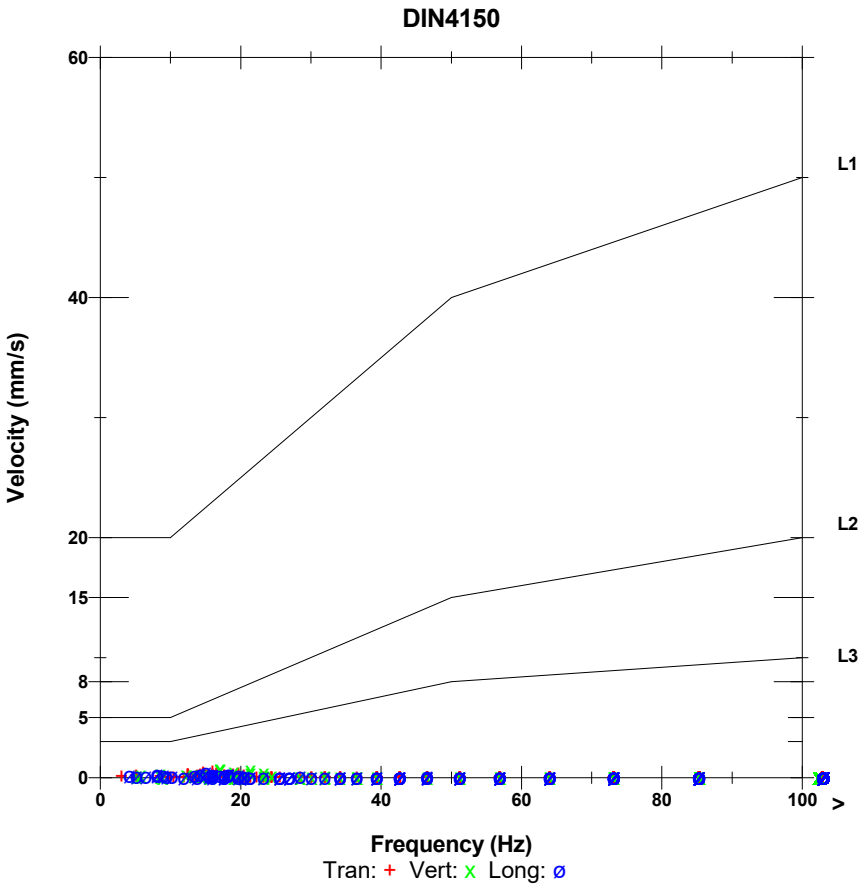
Notes
Location:
Client:
User Name:
General:

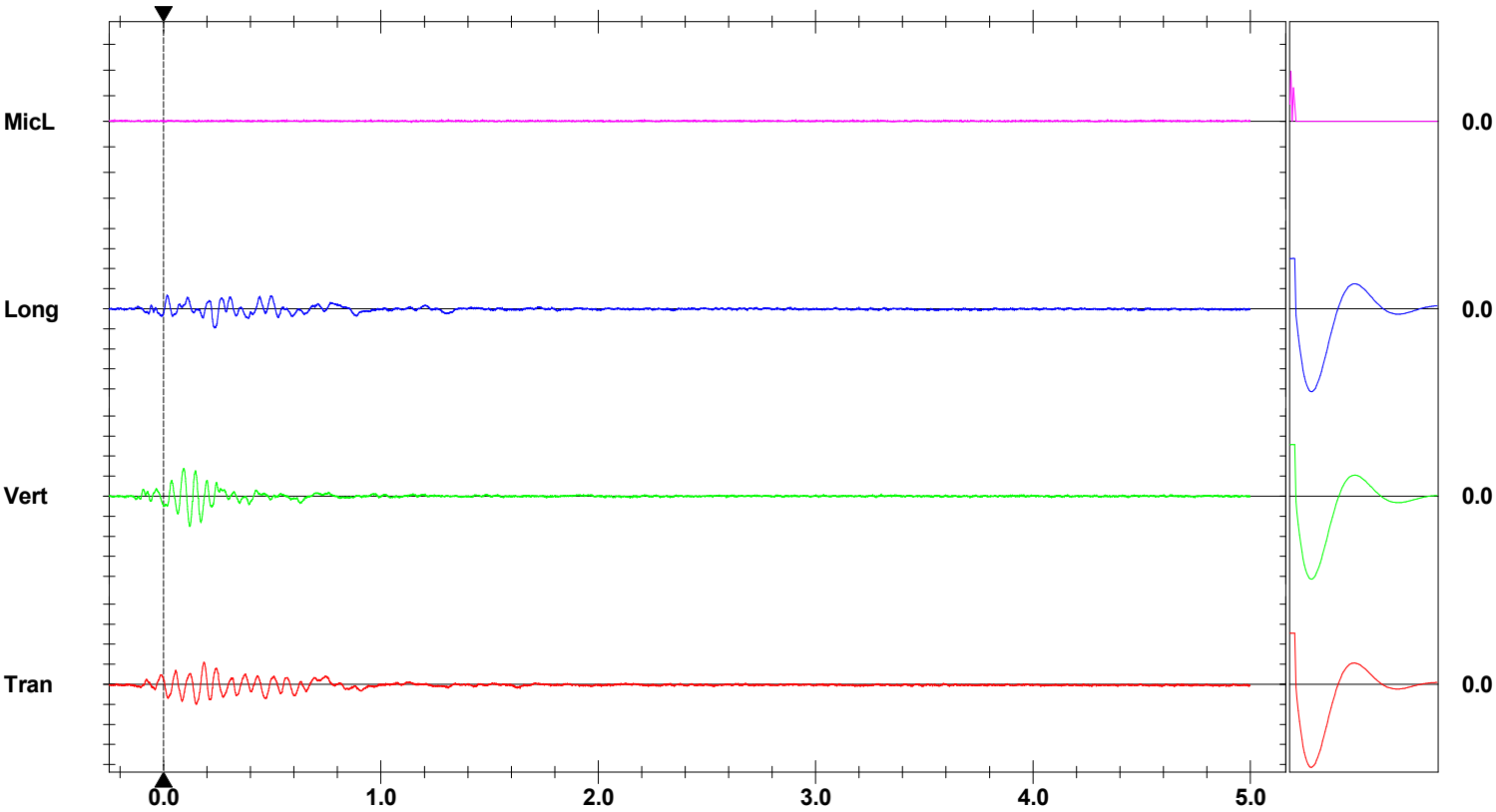
Post Event Notes
Sicóbrita
1225 kg / 11 furos de 18m / dist. aprox.- 900

Microphone	Linear Weighting
PSPL	<0.500 pa.(L)
ZC Freq	>100 Hz
Channel Test	Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	0.552	0.757	0.481	mm/s
ZC Freq	16	17	15	Hz
Time (Rel. to Trig)	0.186	0.120	0.233	sec
Peak Acceleration	0.014	0.016	0.012	g
Peak Displacement	0.007	0.007	0.005	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.1	7.3	Hz
Overswing Ratio	3.9	3.9	3.3	

Peak Vector Sum 0.818 mm/s at 0.120 sec
N/A: Not Applicable





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Mic: 1.000 pa.(L)/div Sensor Check
Trigger = ▶----------◀

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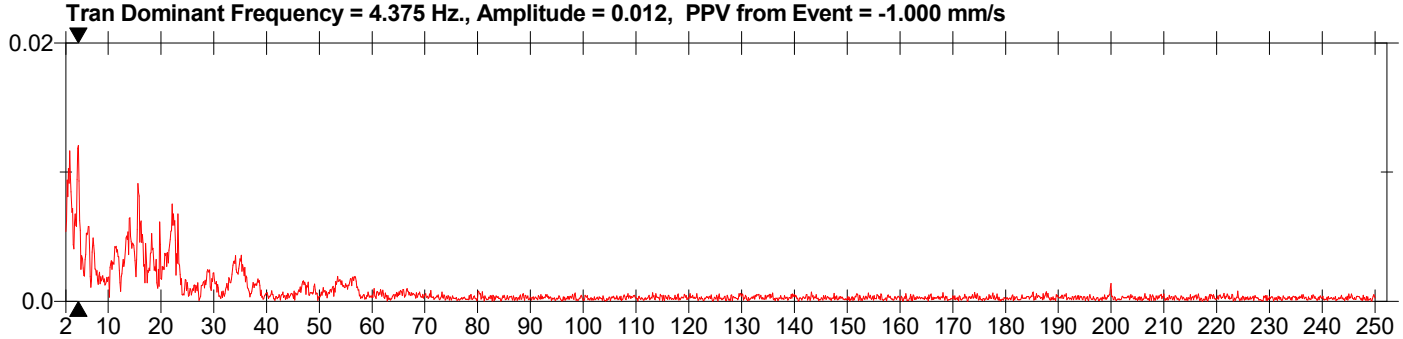
FFT Report

Date/Time	Long at 09:01:27 June 9, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	March 9, 2022 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220609090127.IDFW
Operator/Setup:	Operator/factory.mmb		

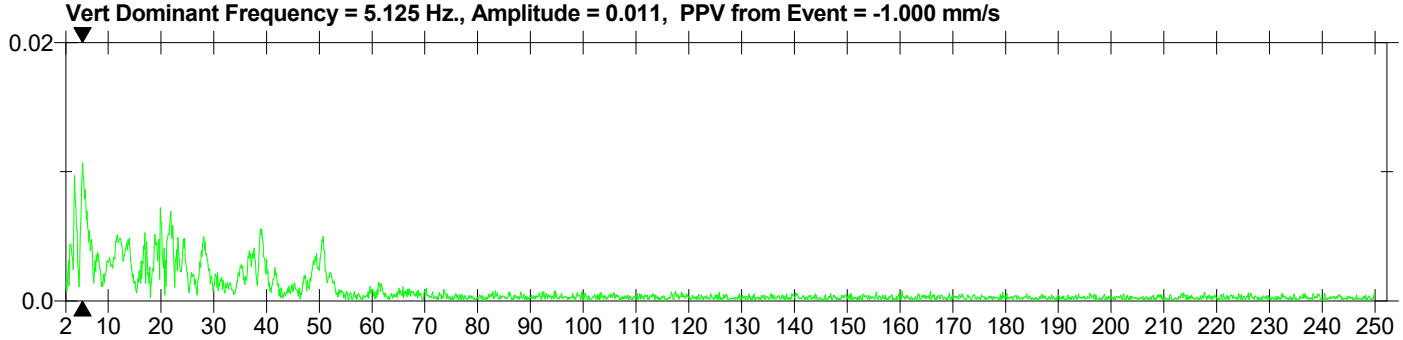
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1225 kg / 11 furos de 18m / dist. aprox.- 920

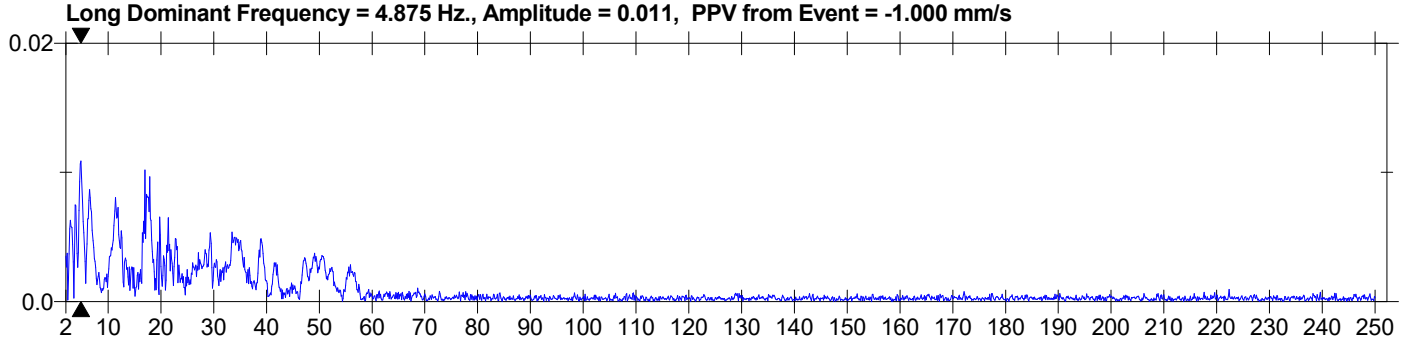
Tran Dominant Frequency = 4.375 Hz., Amplitude = 0.012, PPV from Event = -1.000 mm/s



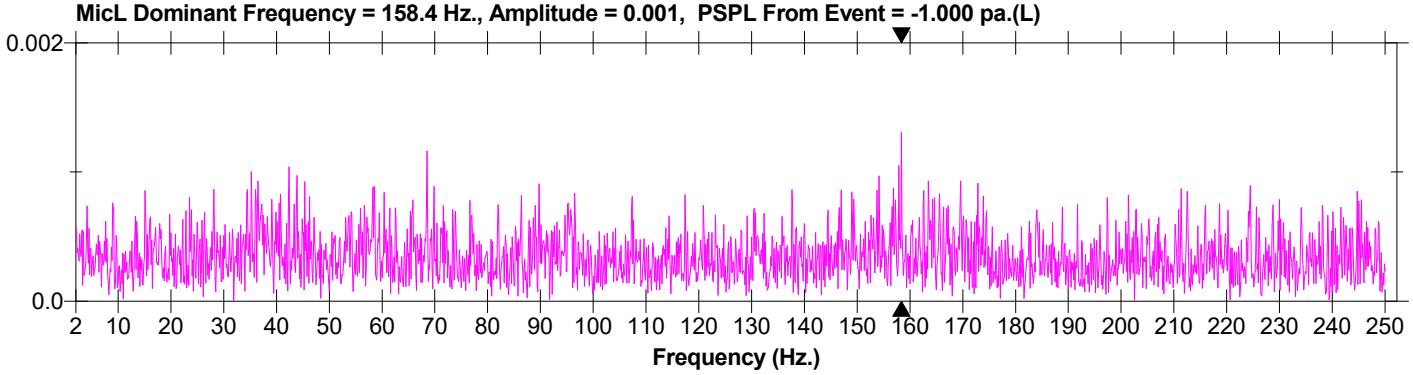
Vert Dominant Frequency = 5.125 Hz., Amplitude = 0.011, PPV from Event = -1.000 mm/s



Long Dominant Frequency = 4.875 Hz., Amplitude = 0.011, PPV from Event = -1.000 mm/s



MicL Dominant Frequency = 158.4 Hz., Amplitude = 0.001, PSPL From Event = -1.000 pa.(L)



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Event Report

Date/Time	Long at 09:01:27 June 9, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	March 9, 2022 by CEME
File Name	UM12438_20220609090127.IDFW

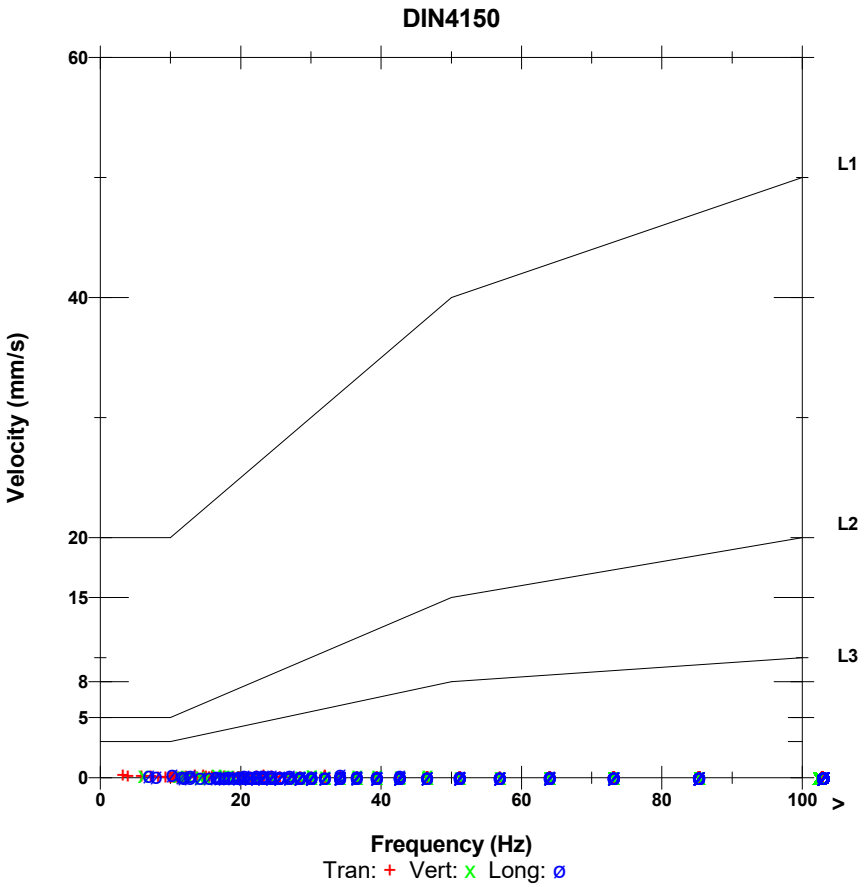
Notes
Location:
Client:
User Name:
General:

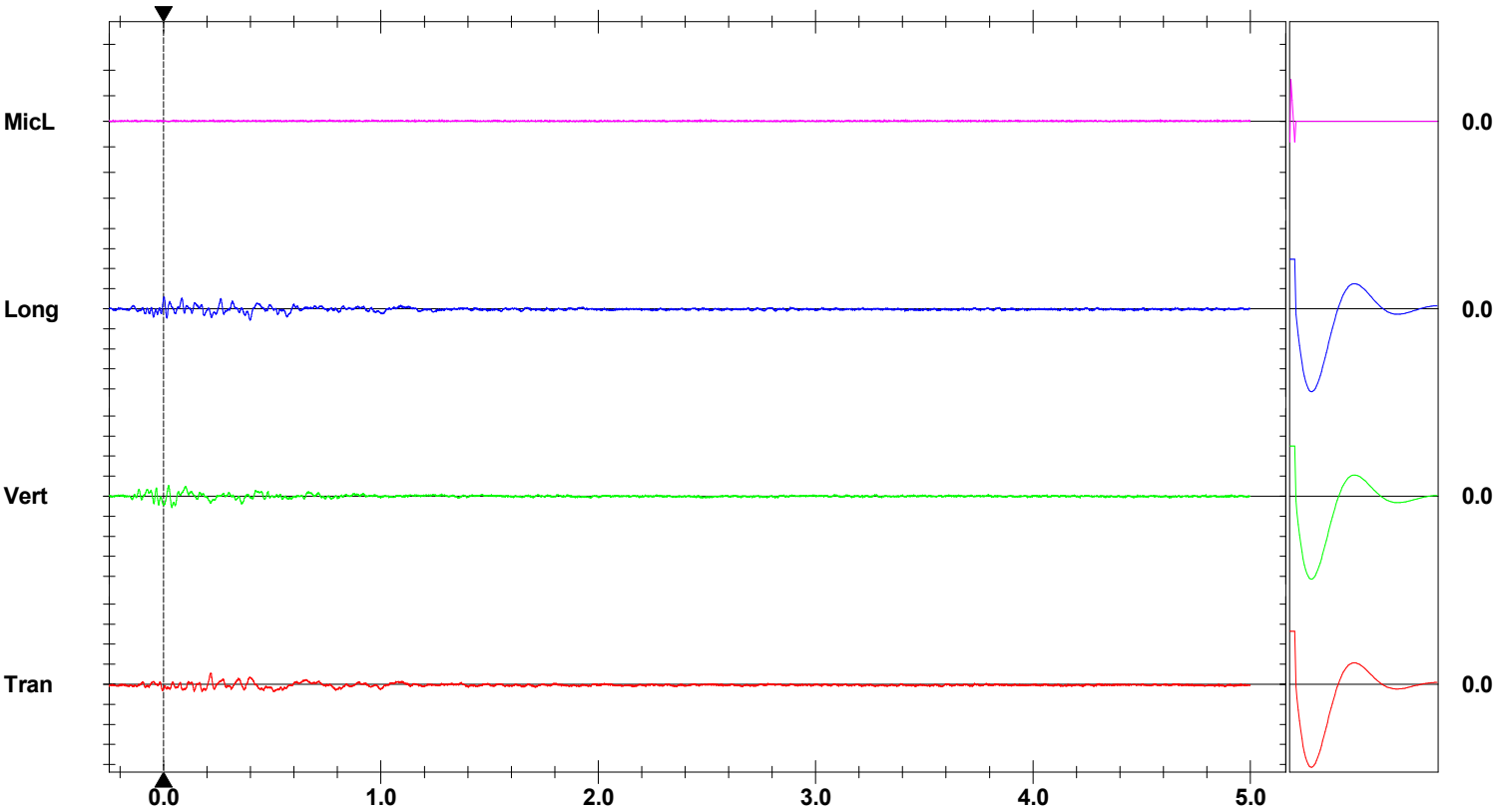
Post Event Notes
Sicóbrita
1225 kg / 11 furos de 18m / dist. aprox.- 920

Microphone	Linear Weighting
PSPL	<0.500 pa.(L)
ZC Freq	>100 Hz
Channel Test	Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	0.276	0.284	0.292	mm/s
ZC Freq	23	17	34	Hz
Time (Rel. to Trig)	0.217	0.038	0.002	sec
Peak Acceleration	0.007	0.007	0.007	g
Peak Displacement	0.008	0.004	0.003	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.1	7.3	Hz
Overswing Ratio	3.9	3.9	3.3	

Peak Vector Sum 0.370 mm/s at 0.002 sec
N/A: Not Applicable





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Mic: 1.000 pa.(L)/div Sensor Check
Trigger = ▶----------◀

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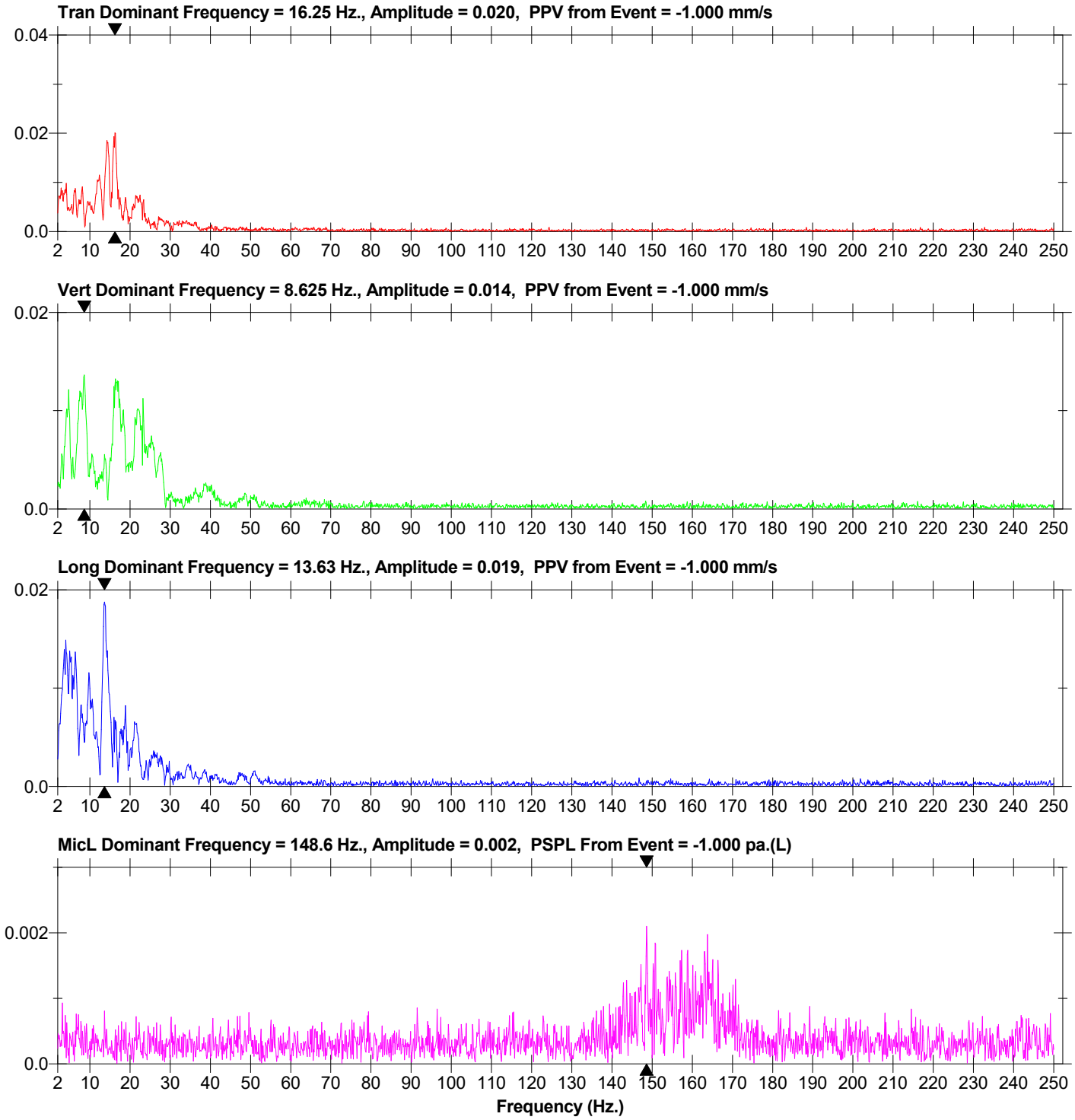
FFT Report

Date/Time	Vert at 08:55:22 June 15, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	March 9, 2022 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220615085522.IDFW
Operator/Setup:	Operator/factory.mmb		

Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1100 kg / 10 furos de 18m / dist. aprox.- 900



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Event Report

Date/Time	Vert at 08:55:22 June 15, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	March 9, 2022 by CEME
File Name	UM12438_20220615085522.IDFW

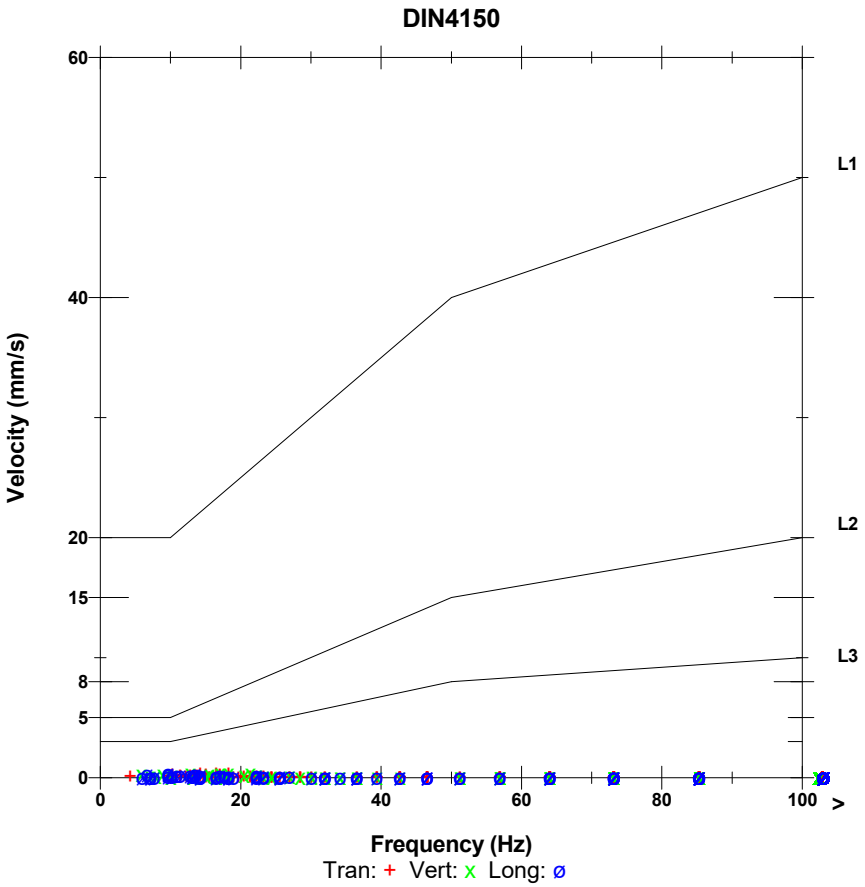
Notes
Location:
Client:
User Name:
General:

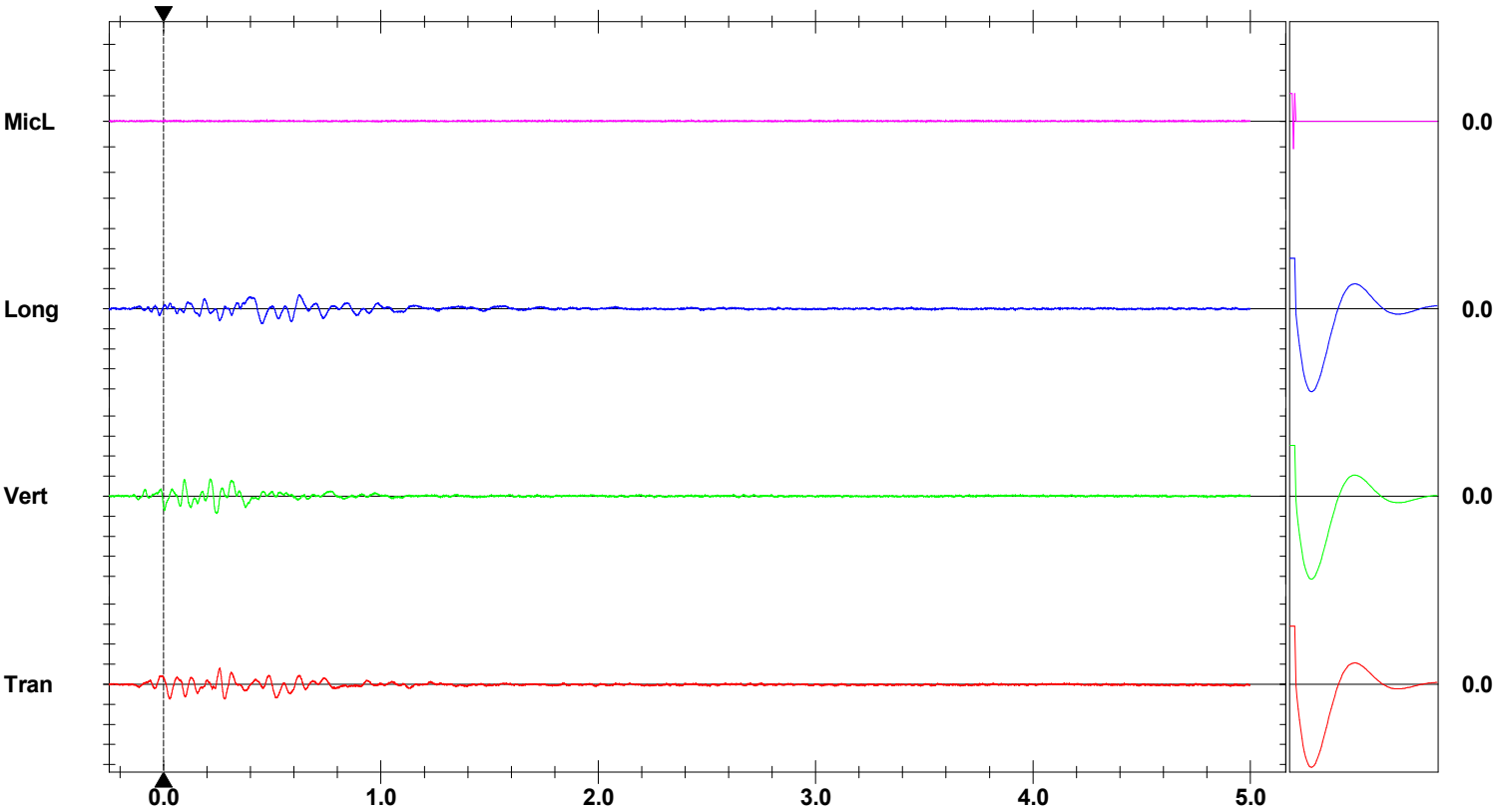
Post Event Notes
Sicóbrita
1100 kg / 10 furos de 18m / dist. aprox.- 900

Microphone	Linear Weighting
PSPL	<0.500 pa.(L)
ZC Freq	>100 Hz
Channel Test	Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	0.410	0.434	0.378	mm/s
ZC Freq	18	18	9.7	Hz
Time (Rel. to Trig)	0.260	0.214	0.453	sec
Peak Acceleration	0.007	0.008	0.006	g
Peak Displacement	0.005	0.005	0.007	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.1	7.1	7.3	Hz
Overswing Ratio	3.9	3.9	3.3	

Peak Vector Sum 0.513 mm/s at 0.098 sec
N/A: Not Applicable





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Mic: 1.000 pa.(L)/div Sensor Check
Trigger = ▶----------◀

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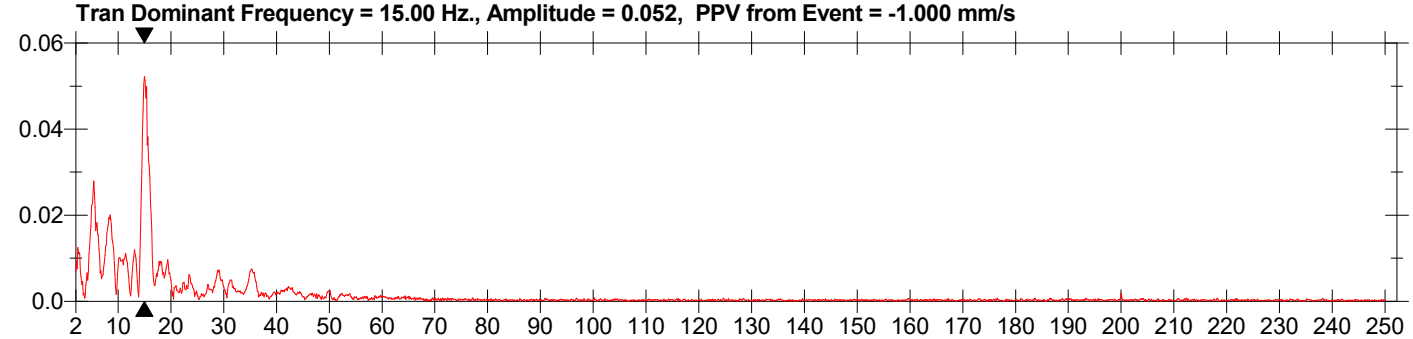
FFT Report

Date/Time	Vert at 10:10:33 June 22, 2022	**Serial Number**	UM12438 V 10-80 Micromate DIN
Trigger Source	Geo: 0.250 mm/s	**Battery Level**	3.8 Volts
Range	Geo: 254.0 mm/s	**Unit Calibration**	March 9, 2022 by CEME
Record Time	5.0 sec (Auto=3Sec) at 1024 sps	**File Name**	UM12438_20220622101033.IDFW
Operator/Setup:	Operator/factory.mmb		

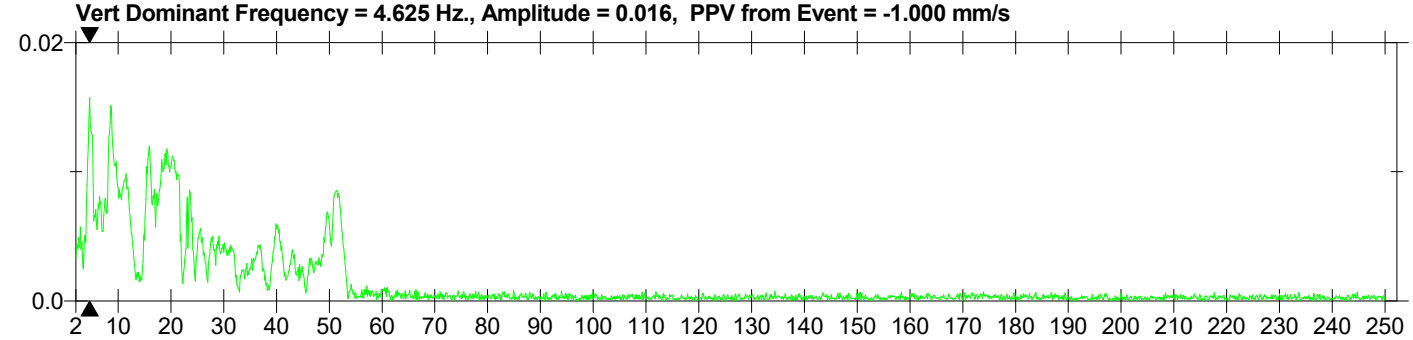
Notes
Location:
Client:
User Name:
General:

Post Event Notes
Sicóbrita
1675 kg / 15 furos de 18m / dist. aprox.- 850

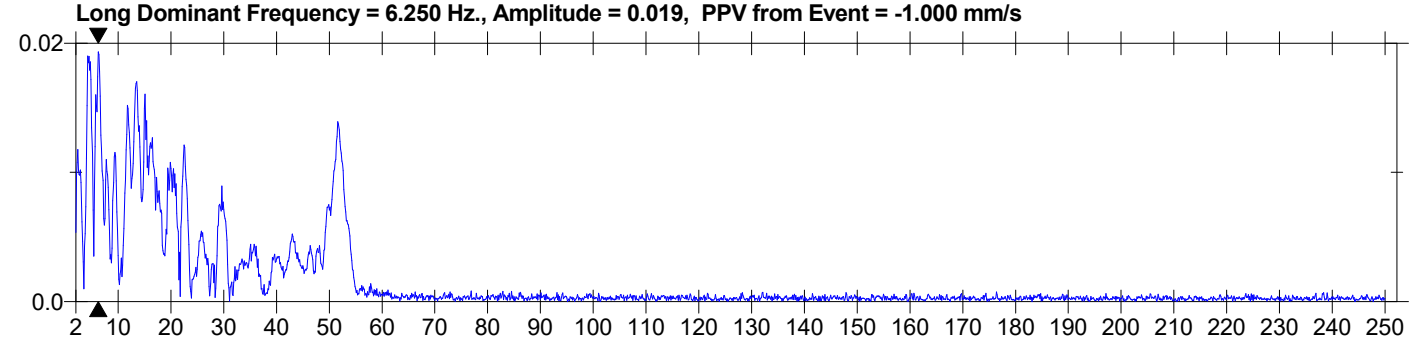
Tran Dominant Frequency = 15.00 Hz., Amplitude = 0.052, PPV from Event = -1.000 mm/s



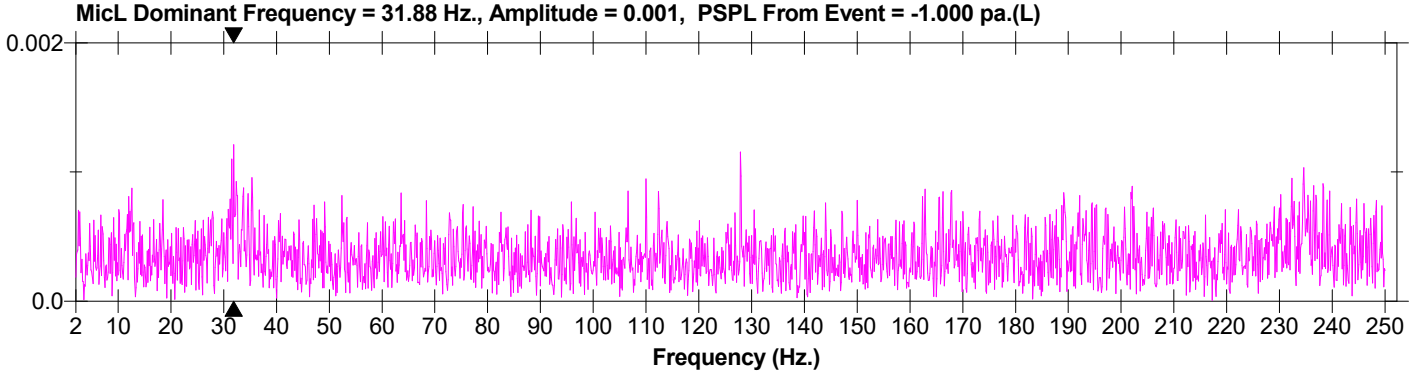
Vert Dominant Frequency = 4.625 Hz., Amplitude = 0.016, PPV from Event = -1.000 mm/s



Long Dominant Frequency = 6.250 Hz., Amplitude = 0.019, PPV from Event = -1.000 mm/s



MicL Dominant Frequency = 31.88 Hz., Amplitude = 0.001, PSPL From Event = -1.000 pa.(L)



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Event Report

Date/Time	Vert at 10:10:33 June 22, 2022
Trigger Source	Geo: 0.250 mm/s
Range	Geo: 254.0 mm/s
Record Time	5.0 sec (Auto=3Sec) at 1024 sps
Operator/Setup:	Operator/factory.mmb

Serial Number	UM12438 V 10-80 Micromate DIN
Battery Level	3.8 Volts
Unit Calibration	March 9, 2022 by CEME
File Name	UM12438_20220622101033.IDFW

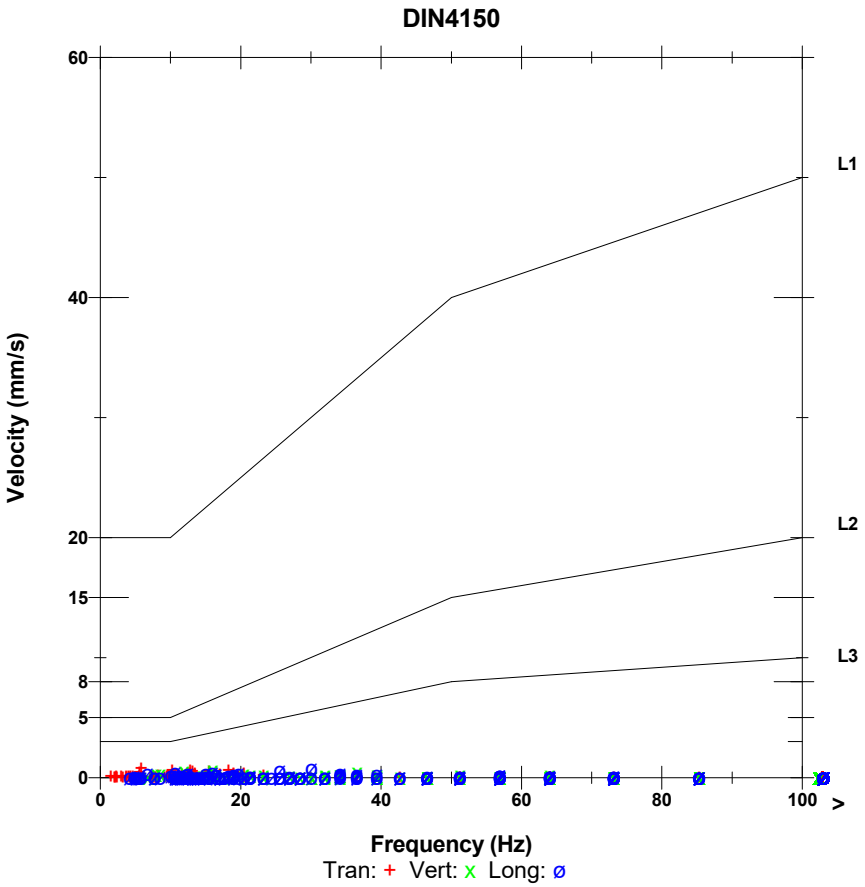
Notes
Location:
Client:
User Name:
General:

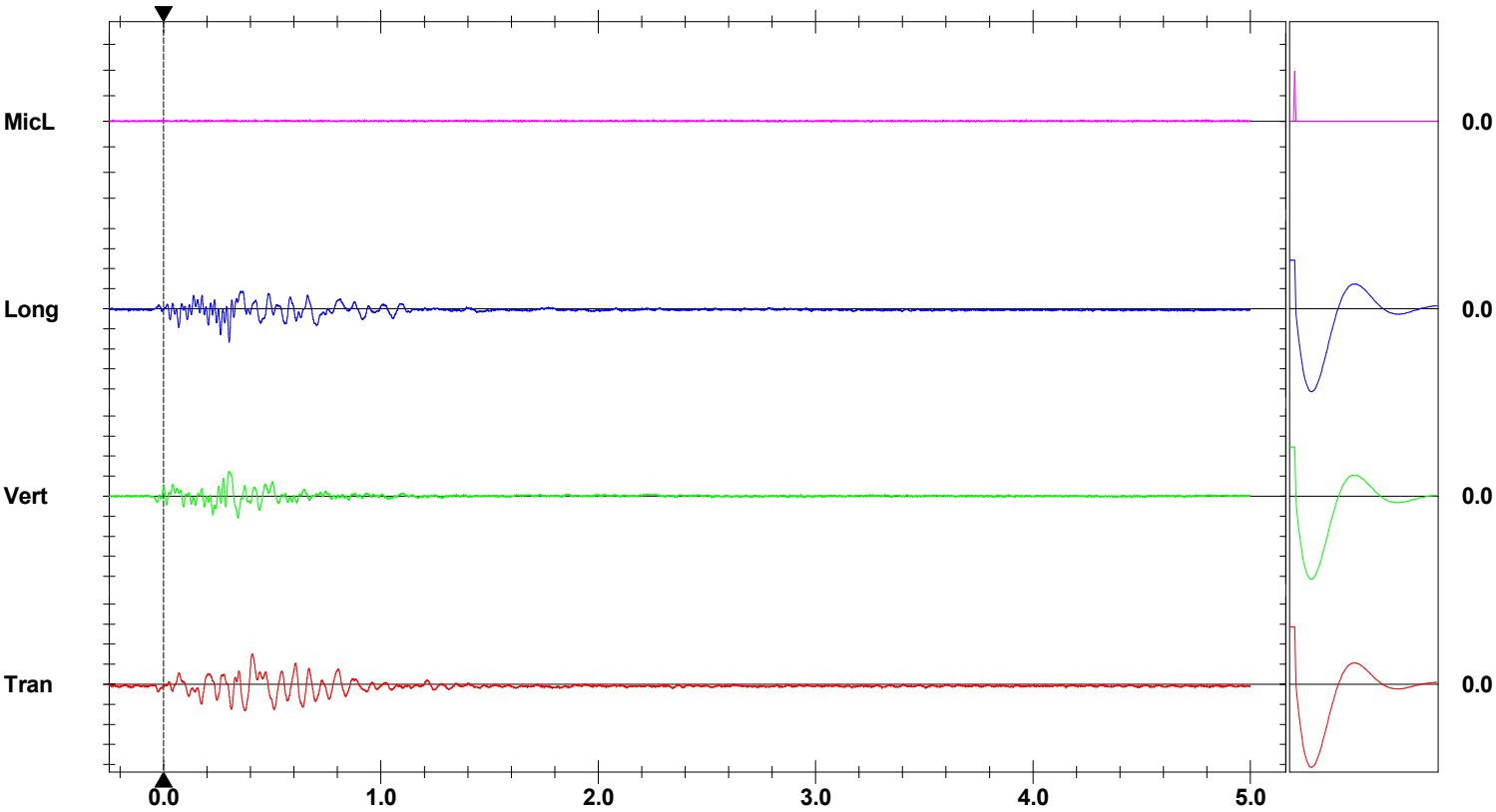
Post Event Notes
Sicóbrita
1675 kg / 15 furos de 18m / dist. aprox.- 850

Microphone	Linear Weighting
PSPL	<0.500 pa.(L)
ZC Freq	>100 Hz
Channel Test	Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	0.765	0.623	0.835	mm/s
ZC Freq	5.8	16	30	Hz
Time (Rel. to Trig)	0.407	0.301	0.302	sec
Peak Acceleration	0.012	0.013	0.016	g
Peak Displacement	0.014	0.007	0.008	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.1	7.3	Hz
Overswing Ratio	3.9	3.9	3.3	

Peak Vector Sum 1.059 mm/s at 0.303 sec
N/A: Not Applicable





Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 0.500 mm/s/div Mic: 1.000 pa.(L)/div Sensor Check
Trigger = ▶----------◀

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