

Waveform Trigger Source
Trigger Level(s)
Trigger Level (Mic)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at September 3, 2024 10:34:14
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 2.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM7450
Micromate ISEE 11.0AK
3.8 volts
June 28, 2024 by Instantel
UM7450_20240903103414.IDFW
Disabled

Notes
Location
Client
Company
General Notes

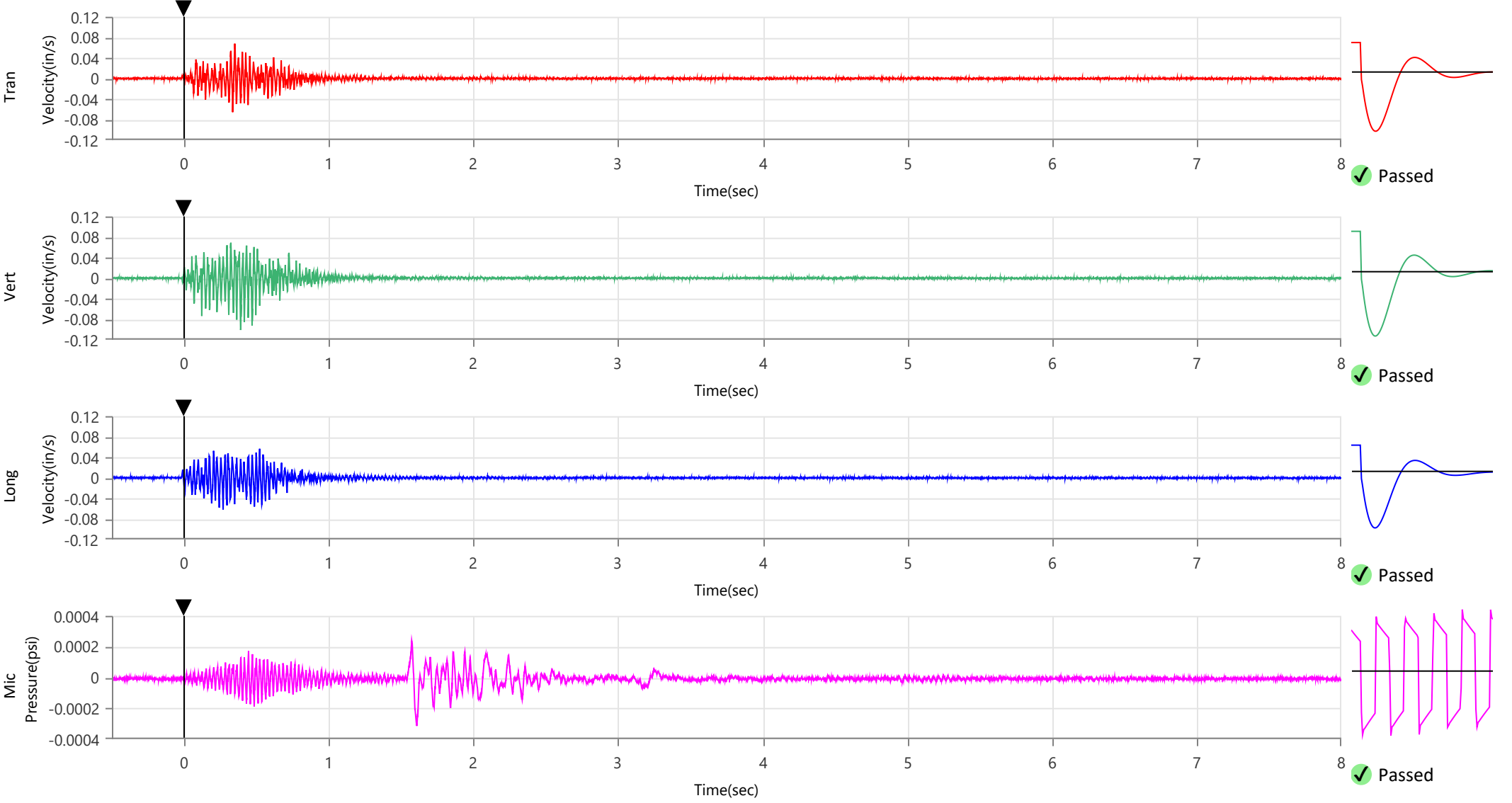
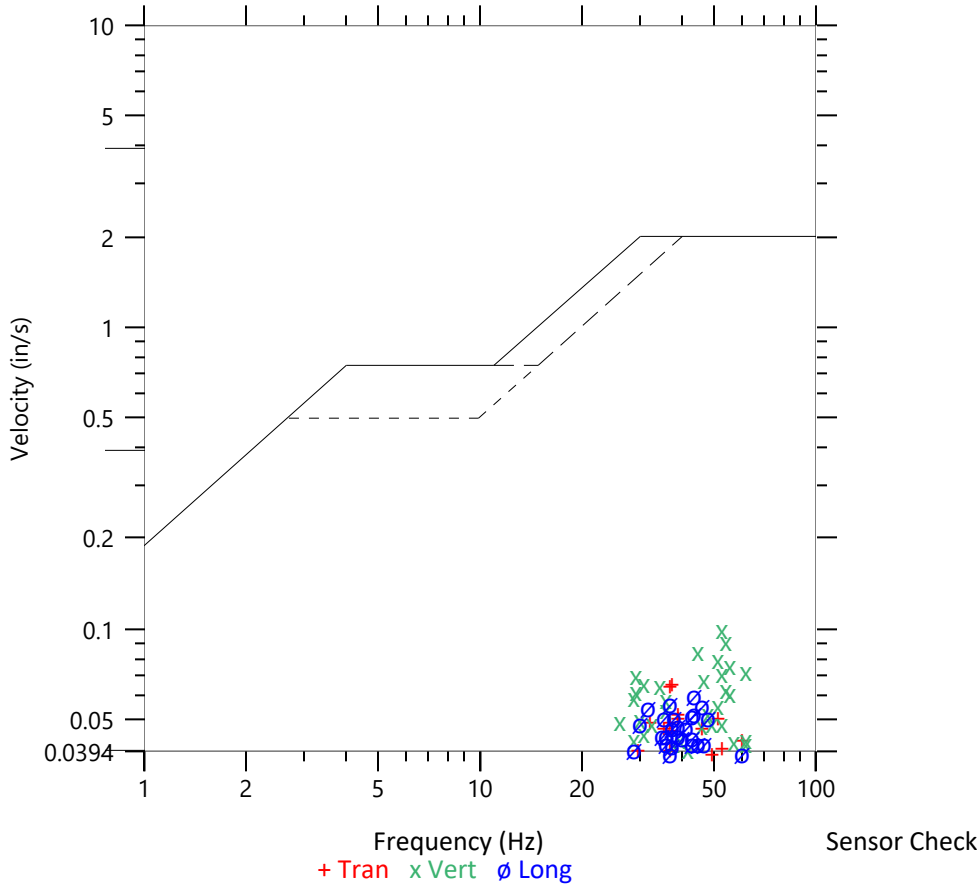
Station 2
Spicewood Crushed Stone
Hwy 71
IGS, Inc

Extended Note N30.49650 W21572
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0676 in/s	0.1012 in/s	0.0618 in/s
Zero Crossing Frequency	36.6 Hz	52.5 Hz	43.6 Hz
Time (Relative to Trigger)	0.351 sec	0.390 sec	0.269 sec
Peak Acceleration	0.069 g	0.082 g	0.069 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.0	3.8	5.1
Peak Vector Sum	0.1170 in/s at 0.391 sec		

ISEE Linear Microphone	0.000315 psi
Peak Sound Pressure Level	100.7 dB(L)
Time (Relative to Trigger)	1.609 sec
Zero Crossing Frequency	12.3 Hz
Sensor Check	✓ Passed
Frequency	20.5 Hz
Test Amplitude	1276 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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Spicewood Hwy 71 - Station 2.mmb
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Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

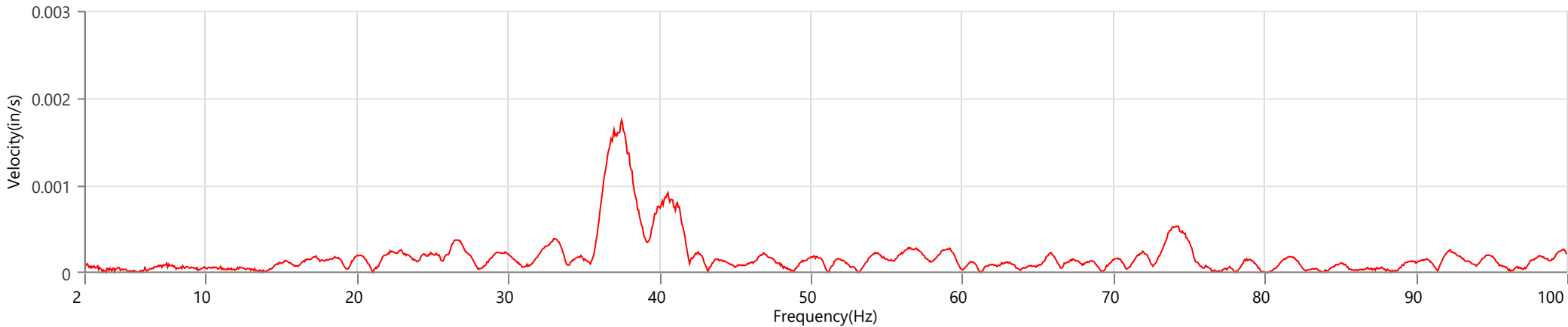
UM7450
Micromate ISEE 11.0AK
3.8 volts
June 28, 2024 by Instantel
UM7450_20240903103414.IDFW
Disabled

Notes
Location
Client
Company
General Notes

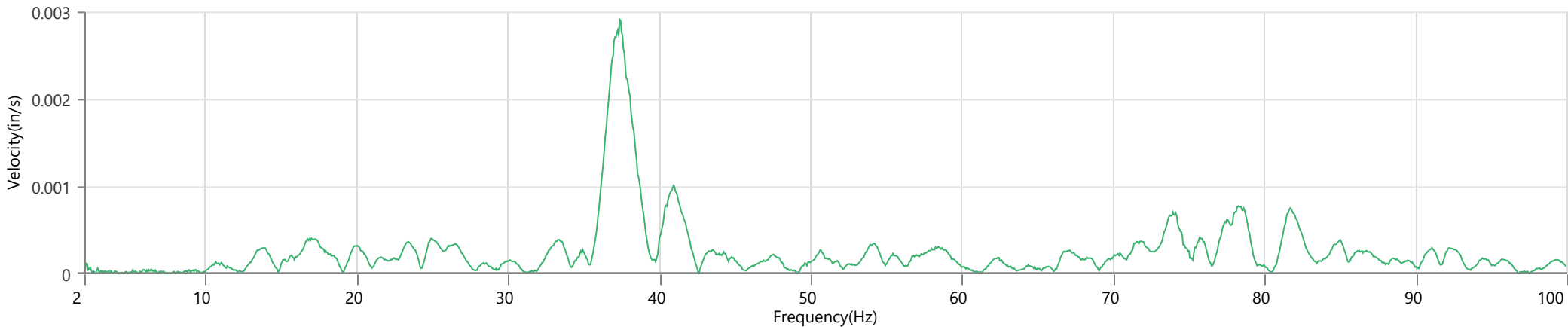
Station 2
Spicewood Crushed Stone
Hwy 71
IGS, Inc

Extended Note N30.49650 W21572
Post Event Notes No text to be displayed.

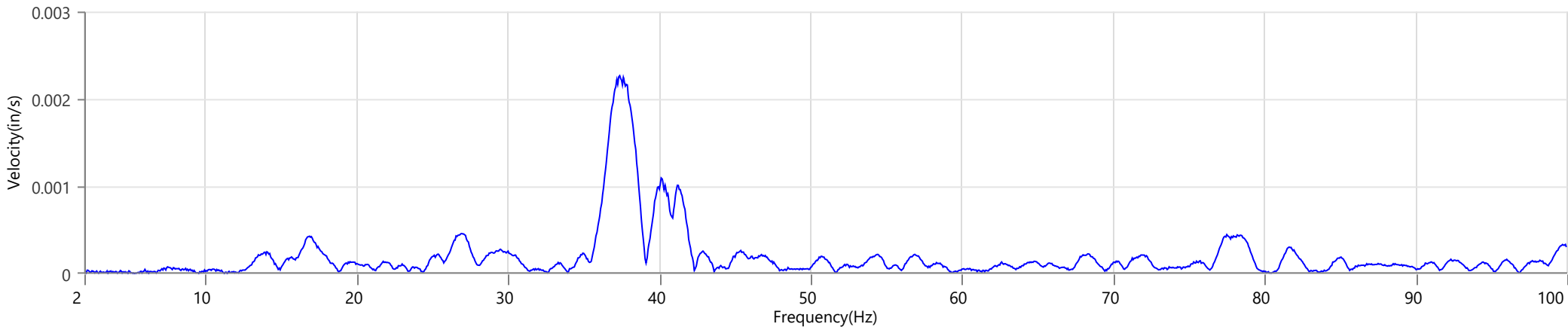
Tran - Dominant Frequency 37.5 Hz, Amplitude 0.0018 in/s (Peak Particle Velocity: 0.0676 in/s)



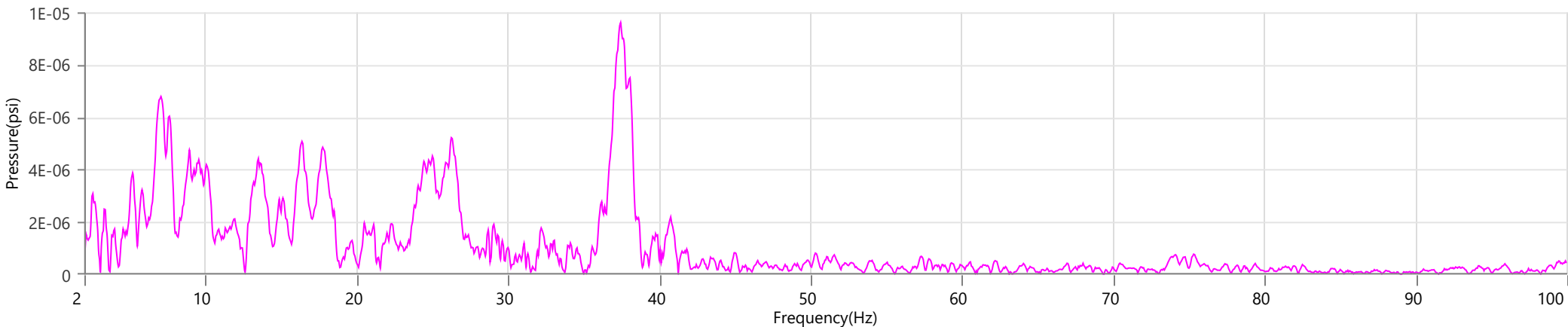
Vert - Dominant Frequency 37.4 Hz, Amplitude 0.0029 in/s (Peak Particle Velocity: 0.1012 in/s)



Long - Dominant Frequency 37.4 Hz, Amplitude 0.0023 in/s (Peak Particle Velocity: 0.0618 in/s)



Mic - Dominant Frequency 37.4 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000315 psi)





Waveform Trigger Source
Trigger Level(s)
Trigger Level (Mic)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at September 3, 2024 10:34:15
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 3.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM18138
Micromate ISEE 11.0AK
3.8 volts
March 25, 2024 by Instantel
UM18138_20240903103415.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 3
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

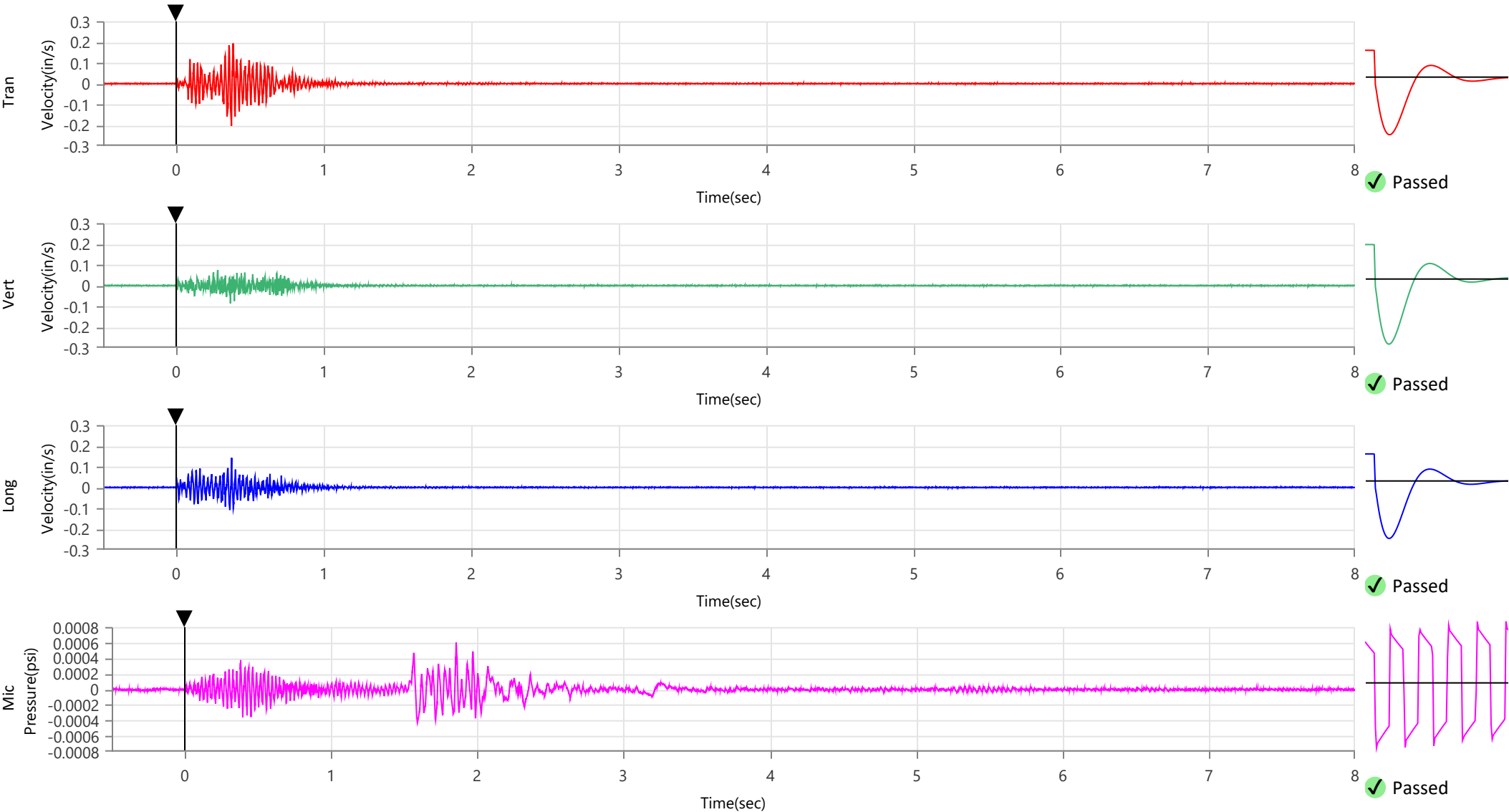
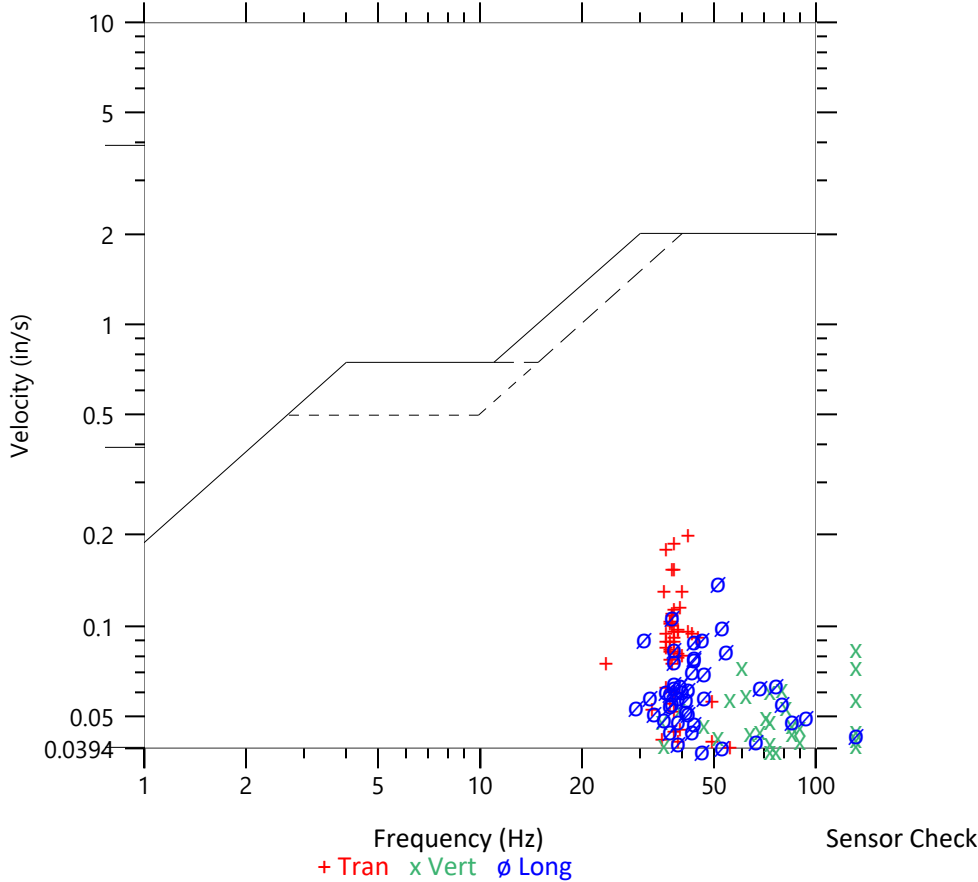
Extended Note N30.49742 W98.21566
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2033 in/s	0.0860 in/s	0.1424 in/s
Zero Crossing Frequency	41.8 Hz	>100 Hz	51.2 Hz
Time (Relative to Trigger)	0.372 sec	0.365 sec	0.373 sec
Peak Acceleration	0.197 g	0.125 g	0.128 g
Peak Displacement	0.001 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.9	4.1	4.8
Peak Vector Sum	0.2430 in/s at 0.372 sec		

ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.000601 psi
106.3 dB(L)
1.856 sec
25.9 Hz
✓ Passed
20.5 Hz
1314 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Waveform Trigger Source
Trigger Level(s)
Trigger Level (Mic)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at September 3, 2024 10:34:15
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 3.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

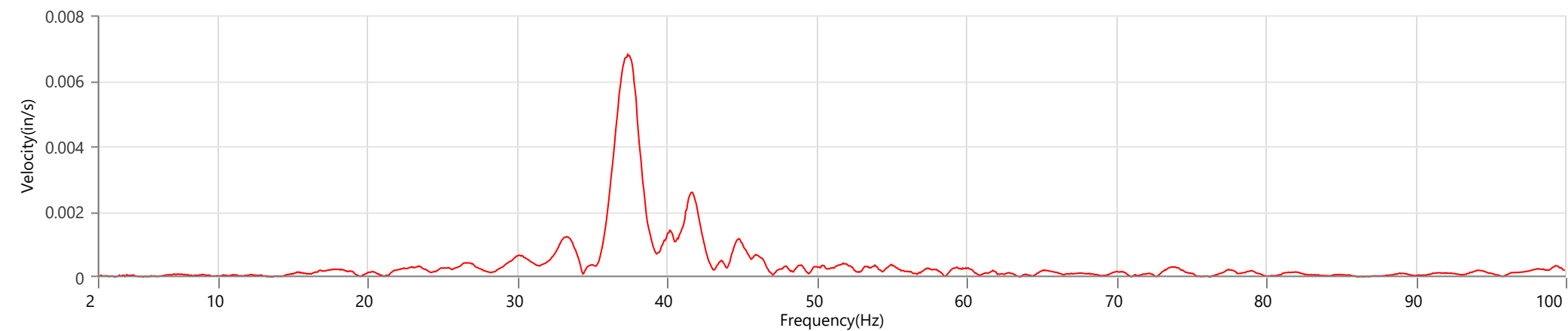
UM18138
Micromate ISEE 11.0AK
3.8 volts
March 25, 2024 by Instantel
UM18138_20240903103415.IDFW
Disabled

Notes
Location
Client
Company
General Notes

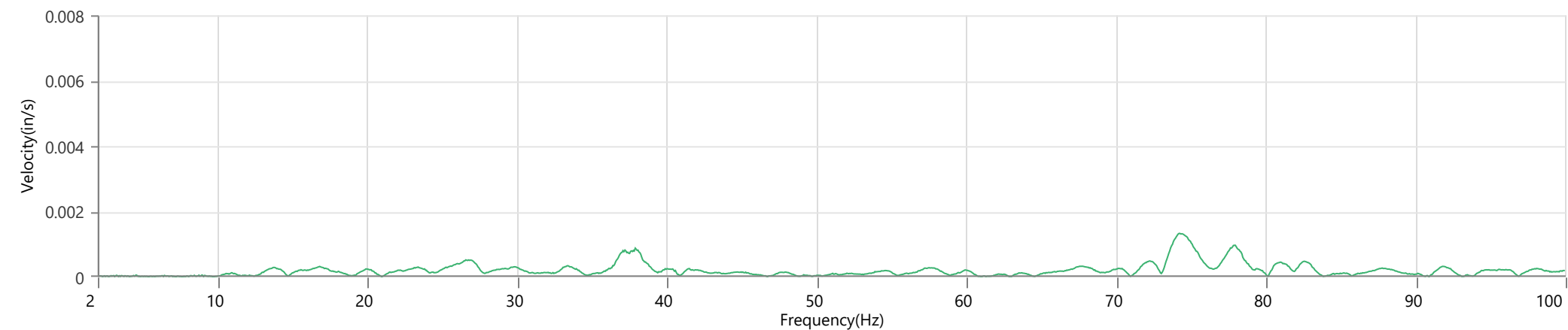
Station 3
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49742 W98.21566
Post Event Notes No text to be displayed.

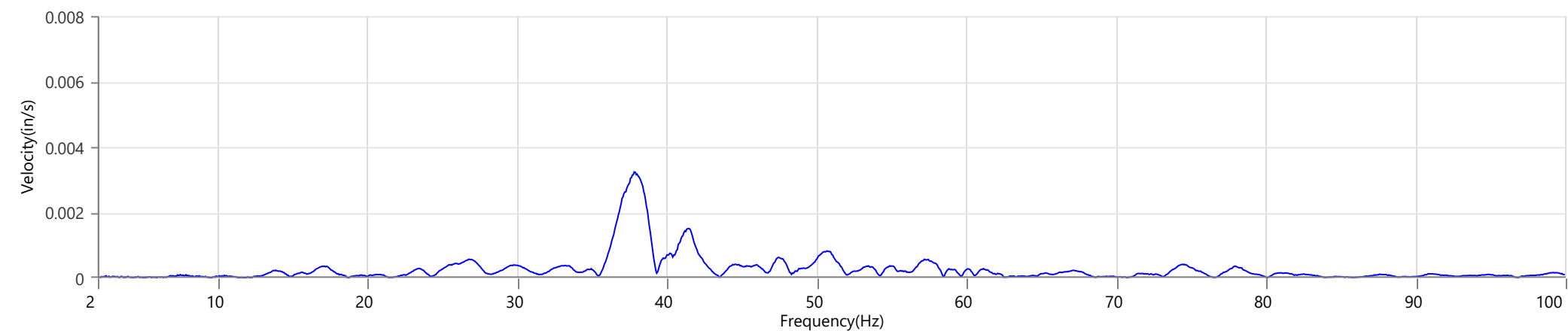
Tran - Dominant Frequency 37.4 Hz, Amplitude 0.0068 in/s (Peak Particle Velocity: 0.2033 in/s)



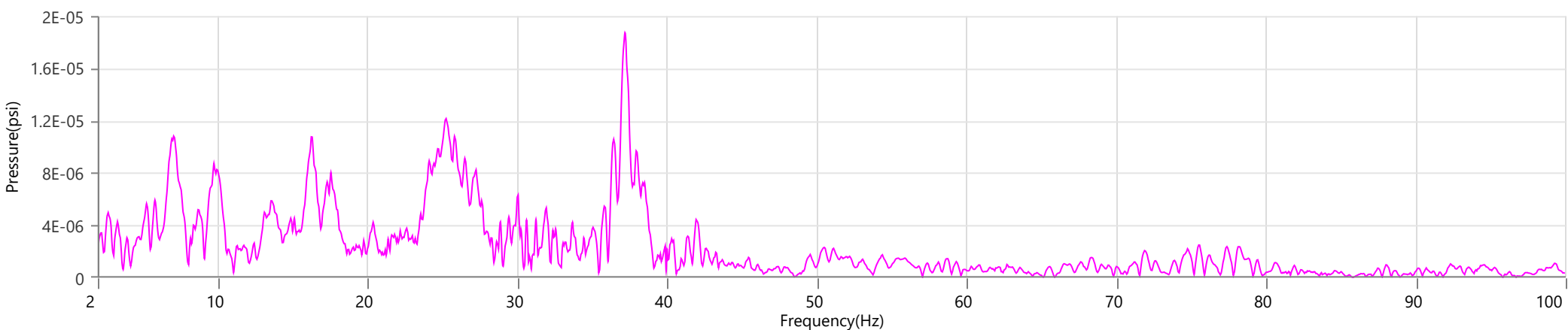
Vert - Dominant Frequency 74.2 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.0860 in/s)



Long - Dominant Frequency 37.8 Hz, Amplitude 0.0032 in/s (Peak Particle Velocity: 0.1424 in/s)



Mic - Dominant Frequency 37.2 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000601 psi)



Waveform Trigger Source
Trigger Level(s)
Trigger Level (Mic)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at September 3, 2024 10:34:15
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 4.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM8723
Micromate ISEE 11.0AK
3.8 volts
March 25, 2024 by Instantel
UM8723_20240903103415.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 4
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49821 W98.21578
Post Event Notes No text to be displayed.

Geophone
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

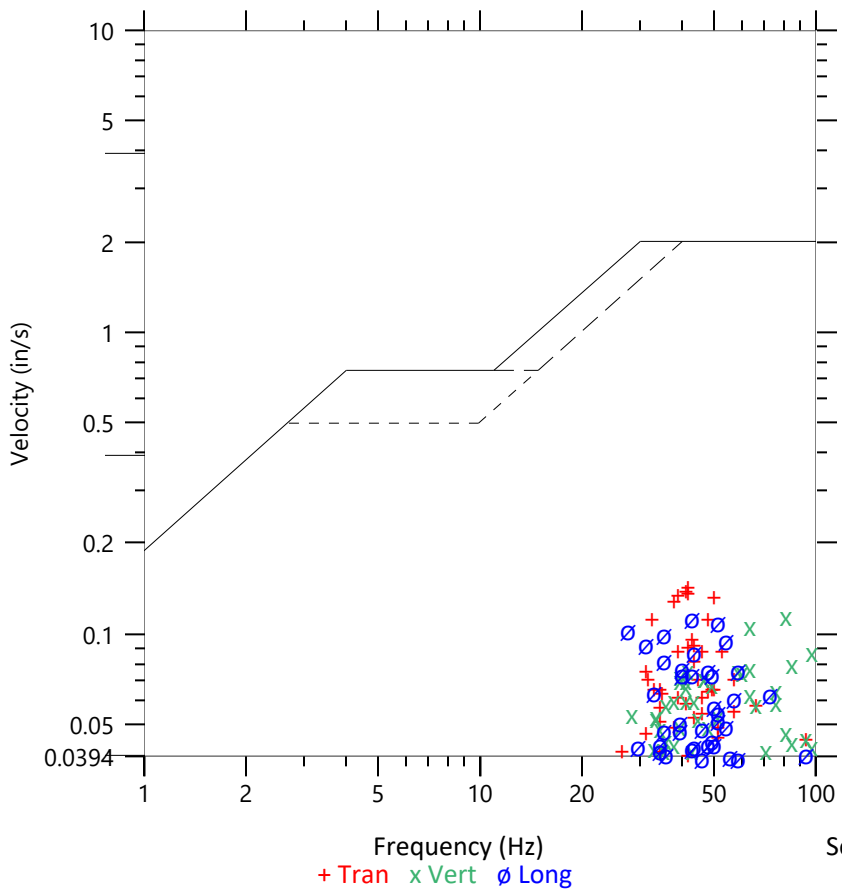
Tran	Vert	Long
0.1465 in/s	0.1170 in/s	0.1142 in/s
41.8 Hz	81.9 Hz	42.7 Hz
0.363 sec	0.408 sec	0.300 sec
0.135 g	0.197 g	0.102 g
0.001 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.5 Hz	7.1 Hz
3.1	3.3	3.7

Peak Vector Sum 0.1631 in/s at 0.112 sec

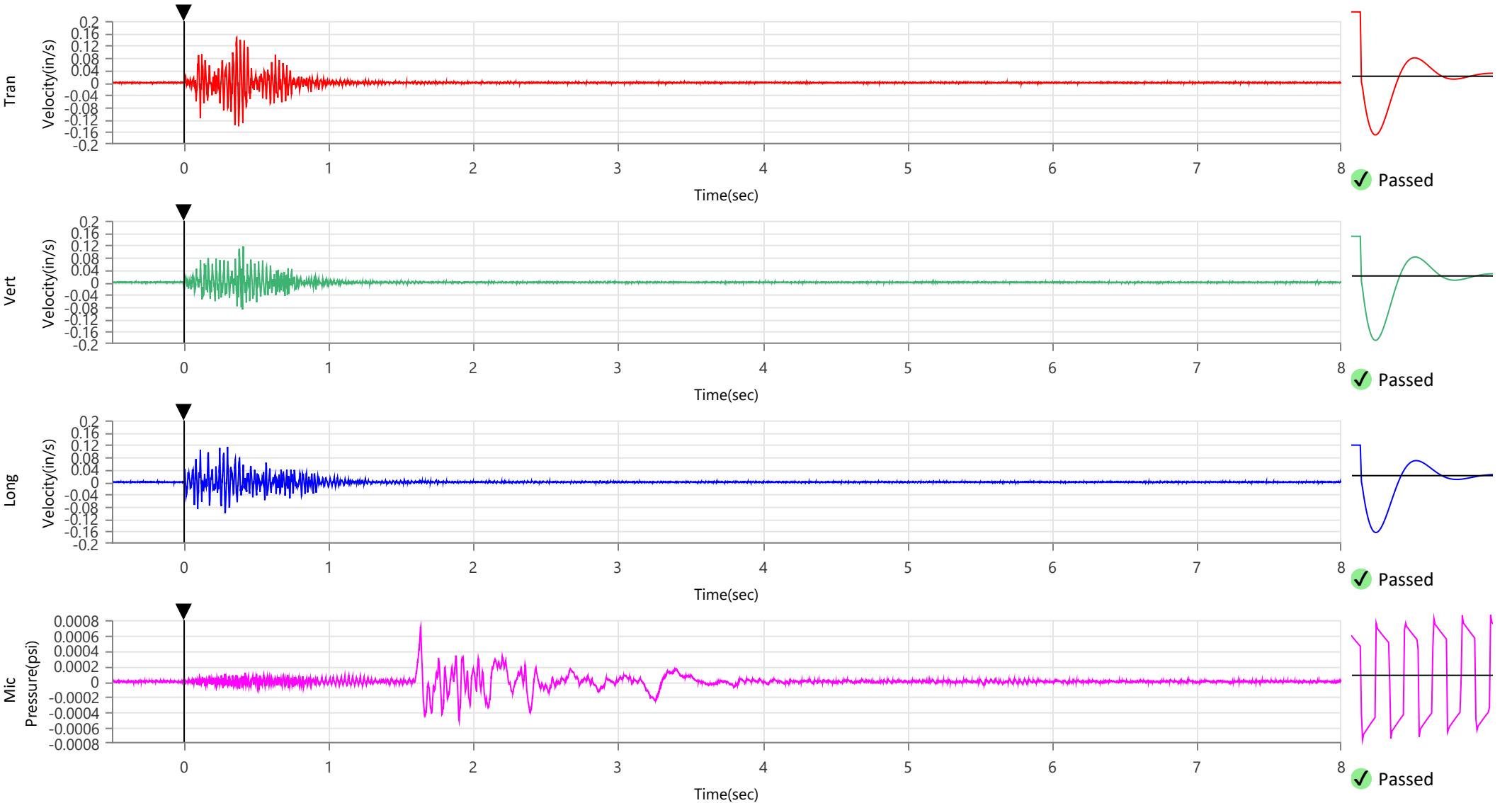
ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.000709 psi
107.8 dB(L)
1.635 sec
9.6 Hz
✓ Passed
20.5 Hz
1273 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



Waveform Trigger Source
Trigger Level(s)
Trigger Level (Mic)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at September 3, 2024 10:34:15
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 4.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

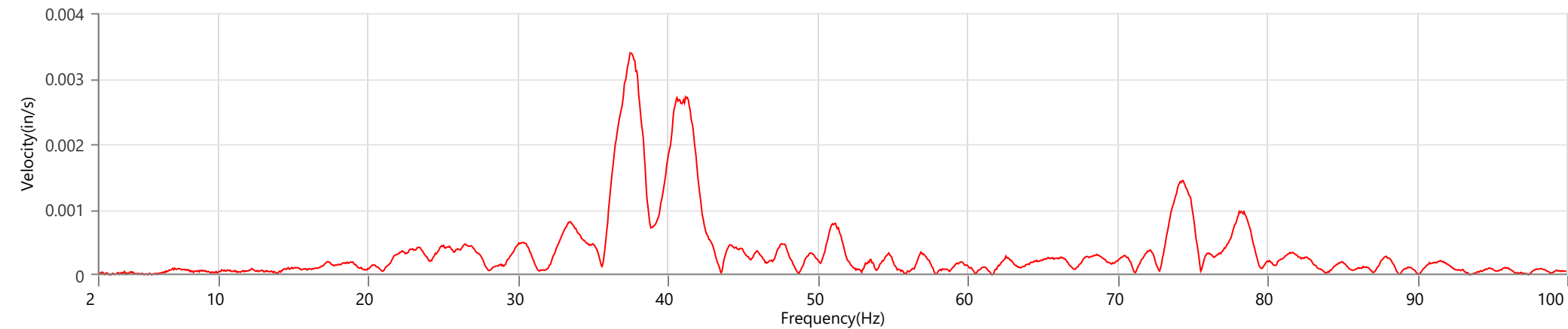
UM8723
Micromate ISEE 11.0AK
3.8 volts
March 25, 2024 by Instantel
UM8723_20240903103415.IDFW
Disabled

Notes
Location
Client
Company
General Notes

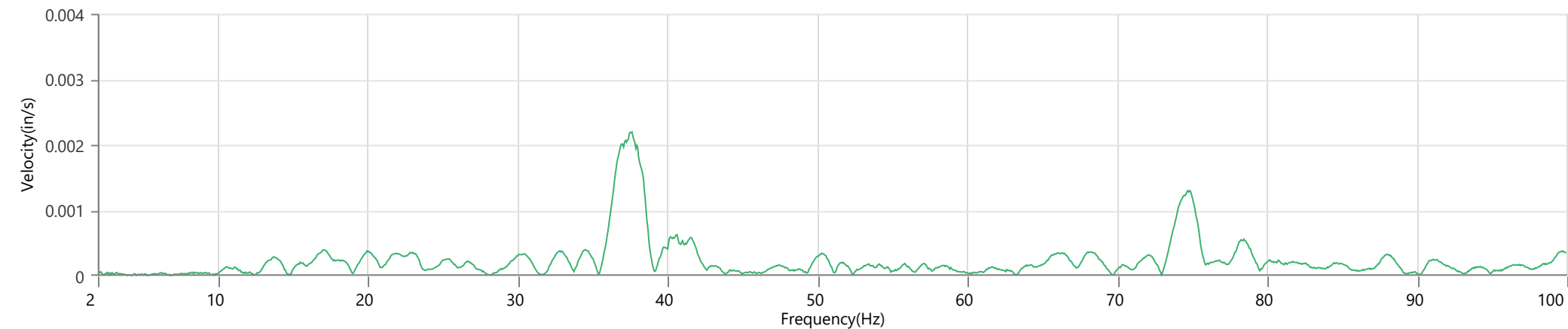
Station 4
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49821 W98.21578
Post Event Notes No text to be displayed.

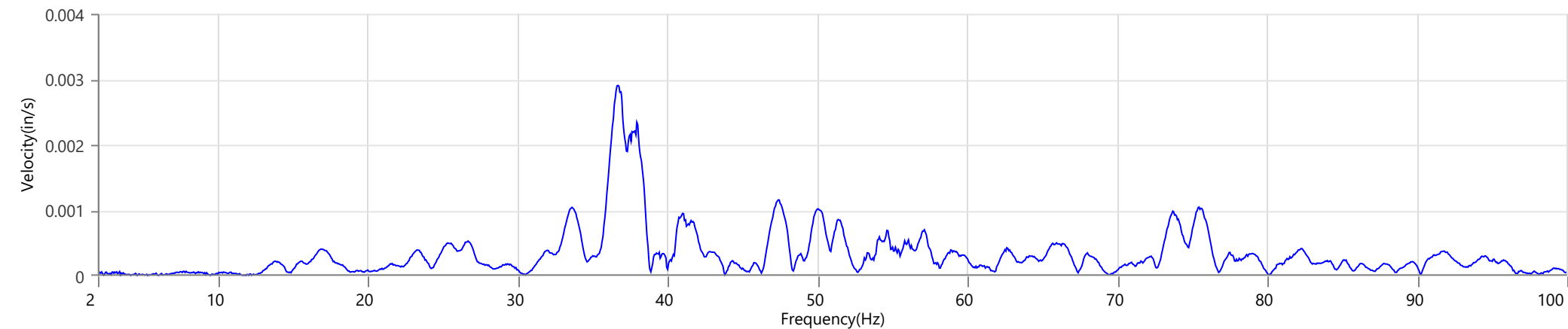
Tran - Dominant Frequency 37.5 Hz, Amplitude 0.0034 in/s (Peak Particle Velocity: 0.1465 in/s)



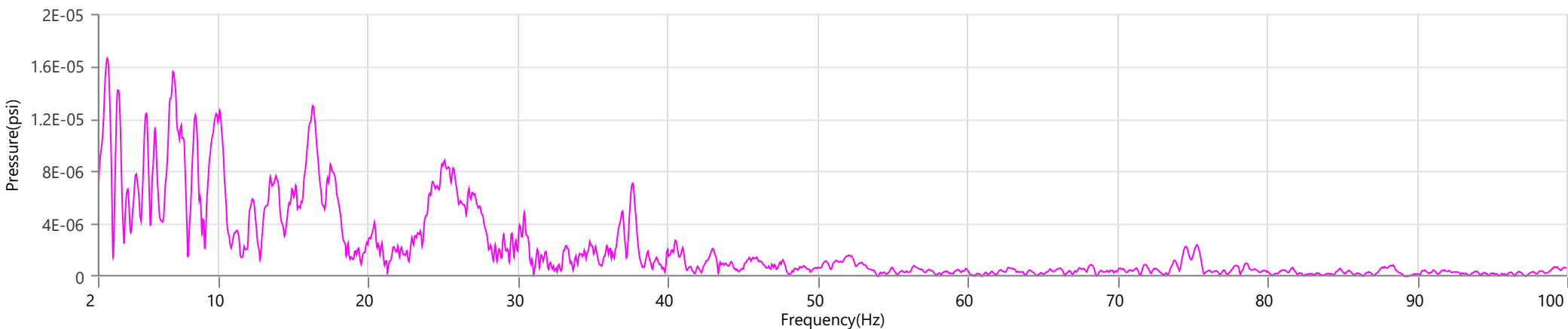
Vert - Dominant Frequency 37.6 Hz, Amplitude 0.0022 in/s (Peak Particle Velocity: 0.1170 in/s)



Long - Dominant Frequency 36.7 Hz, Amplitude 0.0029 in/s (Peak Particle Velocity: 0.1142 in/s)



Mic - Dominant Frequency 2.6 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000709 psi)



Waveform Trigger Source
Trigger Level(s)
Trigger Level (Mic)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at September 3, 2024 10:34:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 6.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

UM11400
Micromate ISEE 11.0AK
3.8 volts
May 21, 2024 by Instantel
UM11400_20240903103416.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.495113 W98.206539
Post Event Notes No text to be displayed.

Geophone
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

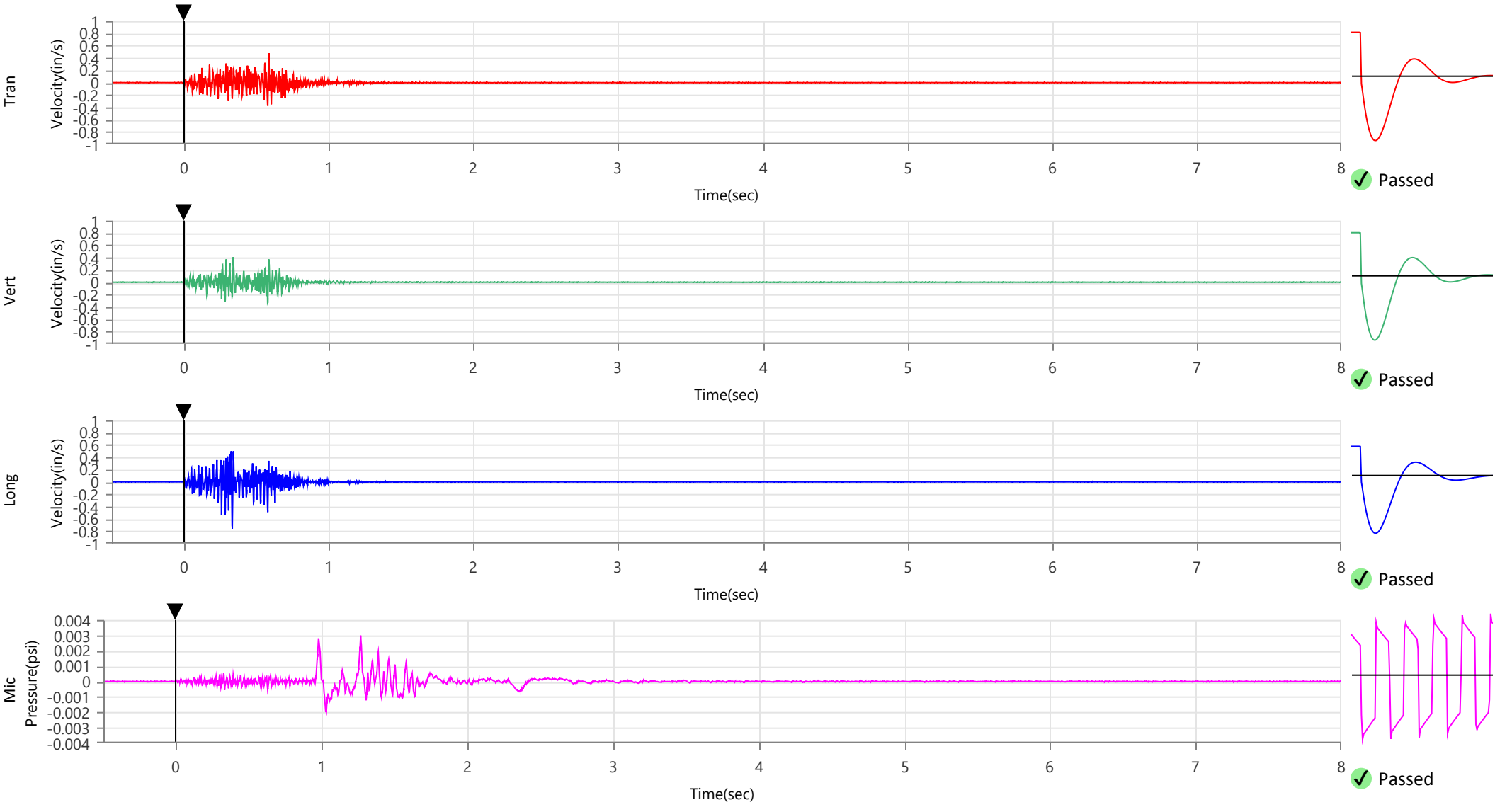
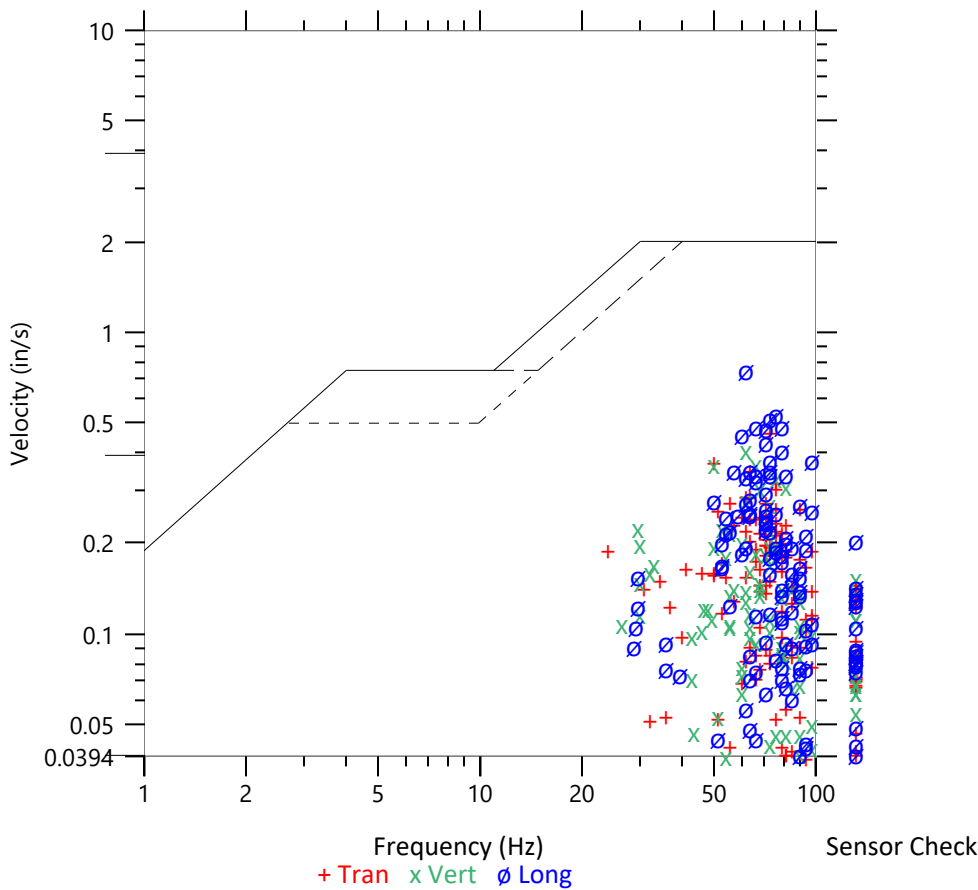
Tran	Vert	Long
0.4769 in/s	0.4096 in/s	0.7587 in/s
73.1 Hz	62.1 Hz	62.1 Hz
0.585 sec	0.340 sec	0.333 sec
0.533 g	0.438 g	0.787 g
0.001 in	0.001 in	0.002 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.7 Hz	7.1 Hz
3.7	3.5	4.3

Peak Vector Sum 0.8309 in/s at 0.333 sec

ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.002986 psi
120.3 dB(L)
1.267 sec
8.3 Hz
✓ Passed
20.5 Hz
1274 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Waveform Trigger Source
Trigger Level(s)
Trigger Level (Mic)
Pre-Trigger/Record Time
Sample Rate
Setup File Name
Operator

Vert at September 3, 2024 10:34:16
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.50 sec/8.0 sec (Fixed)
4096 sps
Spicewood Hwy 71 - Station 6.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Event File Name
USB Sensor Support

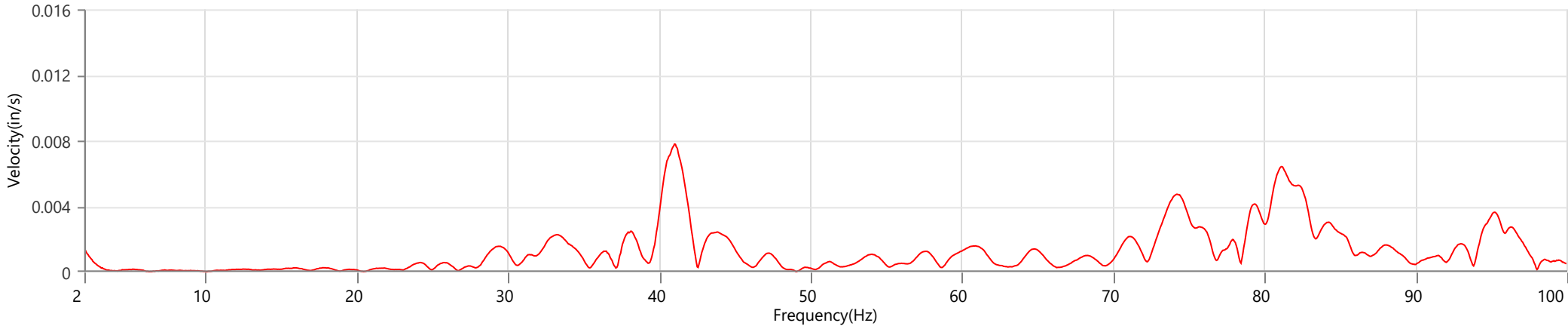
UM11400
Micromate ISEE 11.0AK
3.8 volts
May 21, 2024 by Instantel
UM11400_20240903103416.IDFW
Disabled

Notes
Location
Client
Company
General Notes

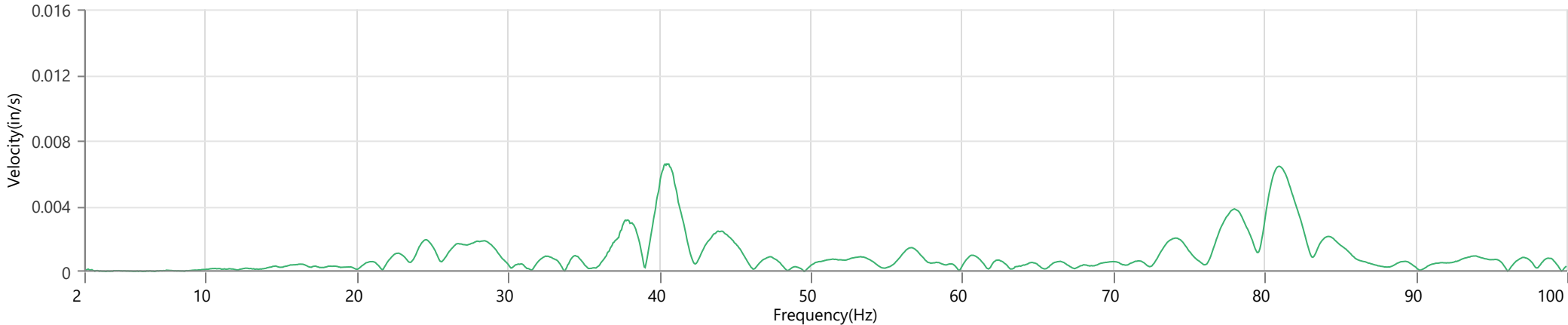
Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.495113 W98.206539
Post Event Notes No text to be displayed.

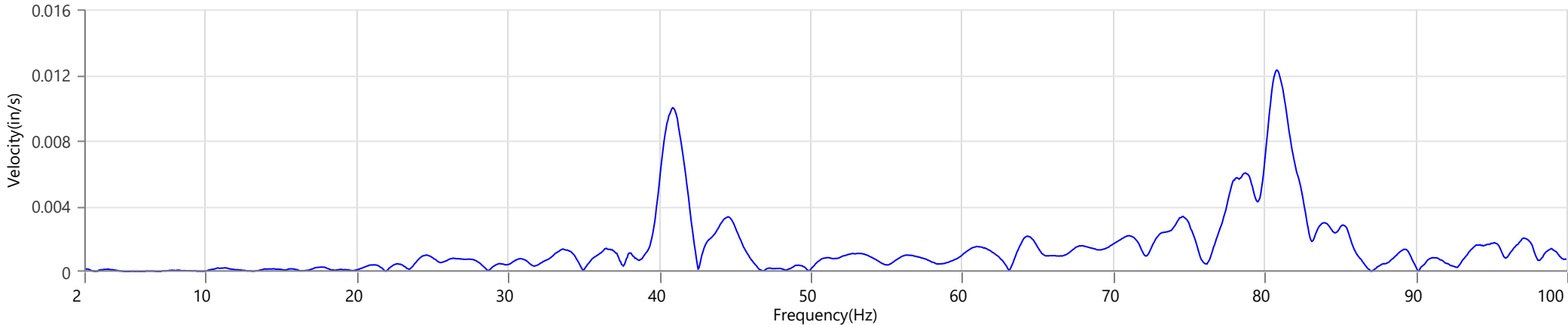
Tran - Dominant Frequency 41.0 Hz, Amplitude 0.0078 in/s (Peak Particle Velocity: 0.4769 in/s)



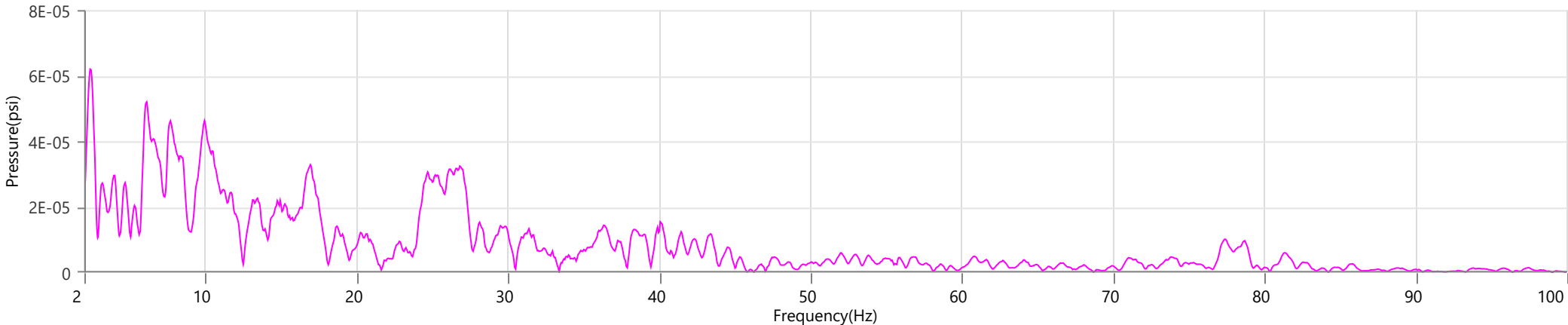
Vert - Dominant Frequency 40.5 Hz, Amplitude 0.0066 in/s (Peak Particle Velocity: 0.4096 in/s)



Long - Dominant Frequency 80.8 Hz, Amplitude 0.0123 in/s (Peak Particle Velocity: 0.7587 in/s)



Mic - Dominant Frequency 2.4 Hz, Amplitude 0.00006 psi (Peak Sound Pressure Level: 0.002986 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

September 3, 2024 00:00:05

September 3, 2024 23:29:58

1409.89/60 sec

4096 sps

Spicewood Hwy 71 - Noise 3.mmb

Operator

Serial Number

Model Number

Battery Level

Unit Calibration

Microphone Calibration

Event File Name

USB Sensor Support

UM8048

Micromate ISEE 11.0AK

3.8 volts

May 21, 2024 by Instantel

UA10761, July 29, 2022 by Instantel

UM8048_20240903000005.IDFH

Disabled

Notes

Location

Client

Company

General Notes

Noise 3

Spicewood Crushed Stone

Hwy 71 Quarry

IGS, Inc.

Extended Note

Post Event Notes

N30.490958 W98.213495

No text to be displayed.

Sound Level Microphone

LMax

Date

Time

Sound(dB(A))

Sensor Check

Test Amplitude

A-Weight Slow

62.5 dB(A)

Sep 3, 2024

10:26:05

LMin

L10

L90

Leq

30.4

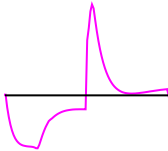
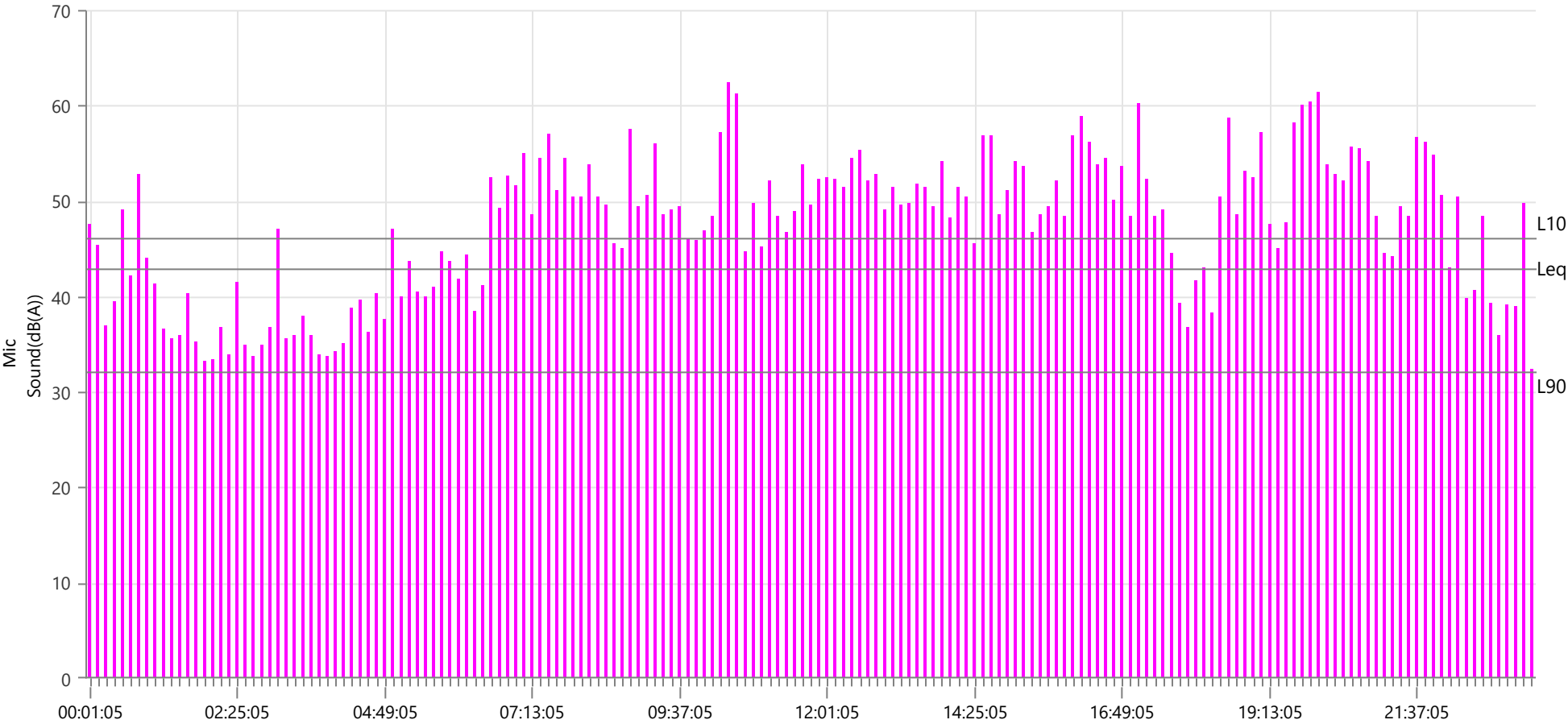
46

32

42.8

✓ Passed

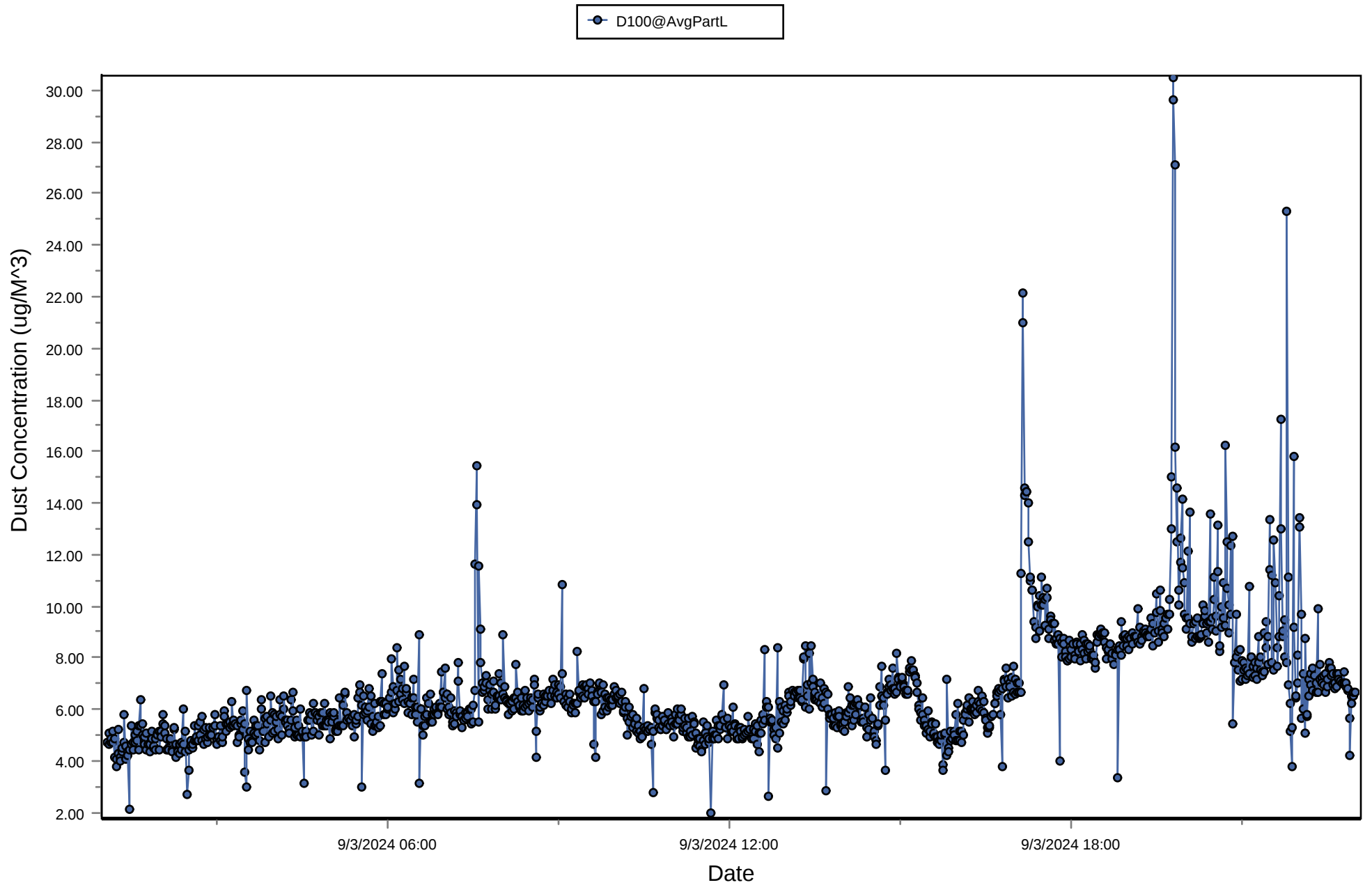
1107 mv



✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

