

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

Vert at January 16, 2025 12:59:22
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_20250116125922.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
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

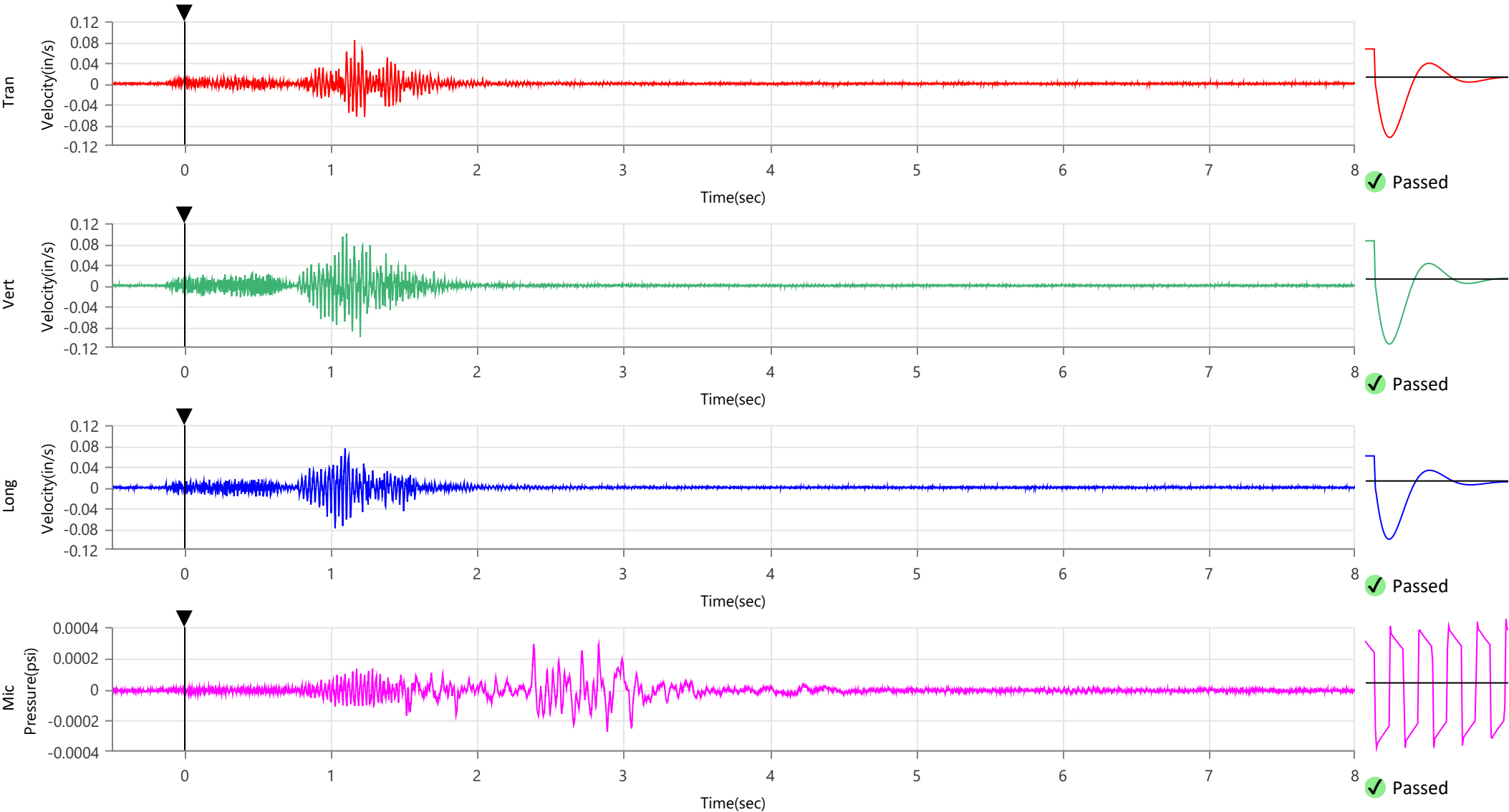
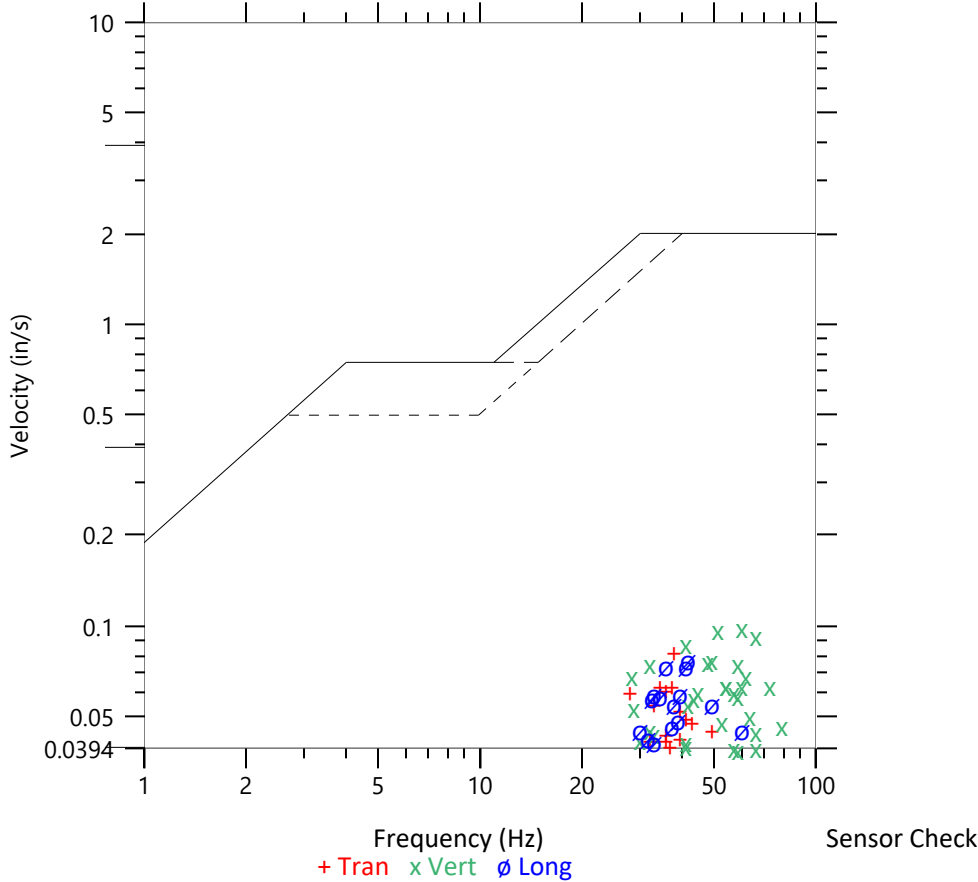
Tran	Vert	Long
0.0838 in/s	0.0999 in/s	0.0788 in/s
38.6 Hz	60.2 Hz	41.8 Hz
1.160 sec	1.106 sec	1.027 sec
0.076 g	0.109 g	0.095 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	7.1 Hz
4.3	4.1	5.4

Peak Vector Sum 0.1304 in/s at 1.106 sec

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

0.000293 psi
100.1 dB(L)
2.385 sec
14.9 Hz
✓ Passed
20.5 Hz
1634 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 January 16, 2025 12:59:22
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

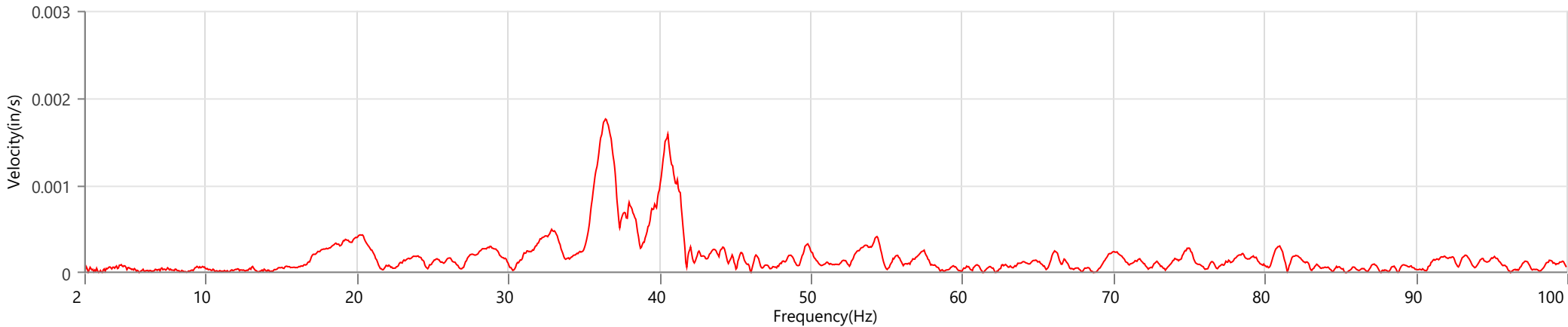
UM7450
Micromate ISEE 11.0AK
3.8 volts
June 28, 2024 by Instantel
UM7450_20250116125922.IDFW
Disabled

Notes
Location
Client
Company
General Notes

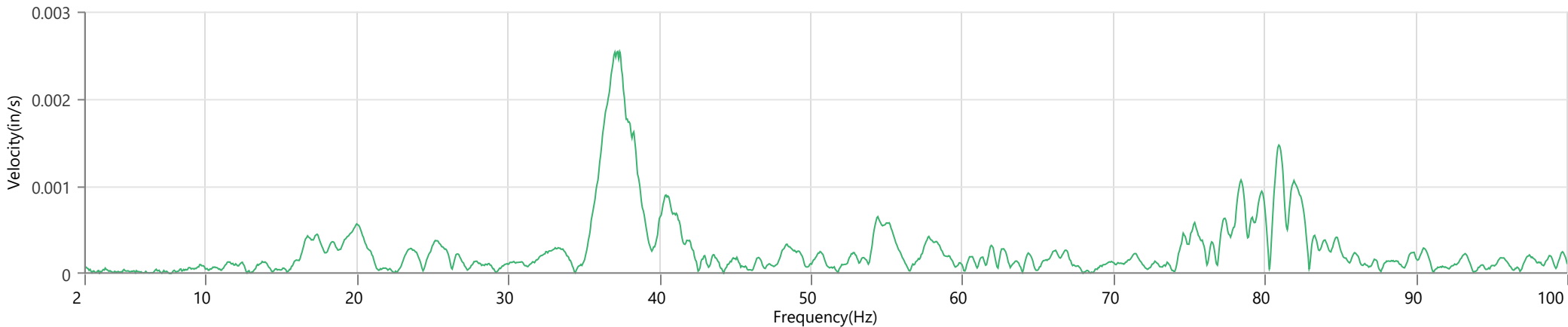
Station 2
Spicewood Crushed Stone
Hwy 71
IGS, Inc

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

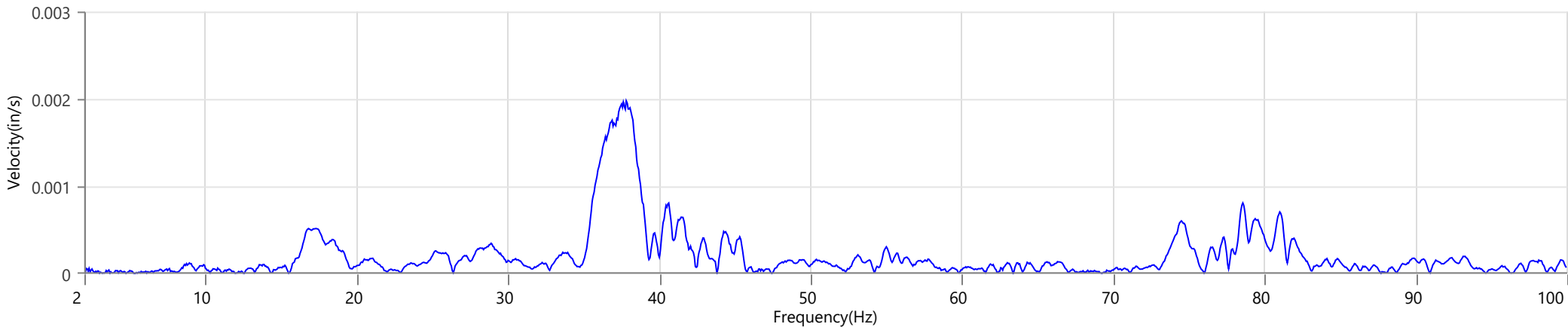
Tran - Dominant Frequency 36.4 Hz, Amplitude 0.0018 in/s (Peak Particle Velocity: 0.0838 in/s)



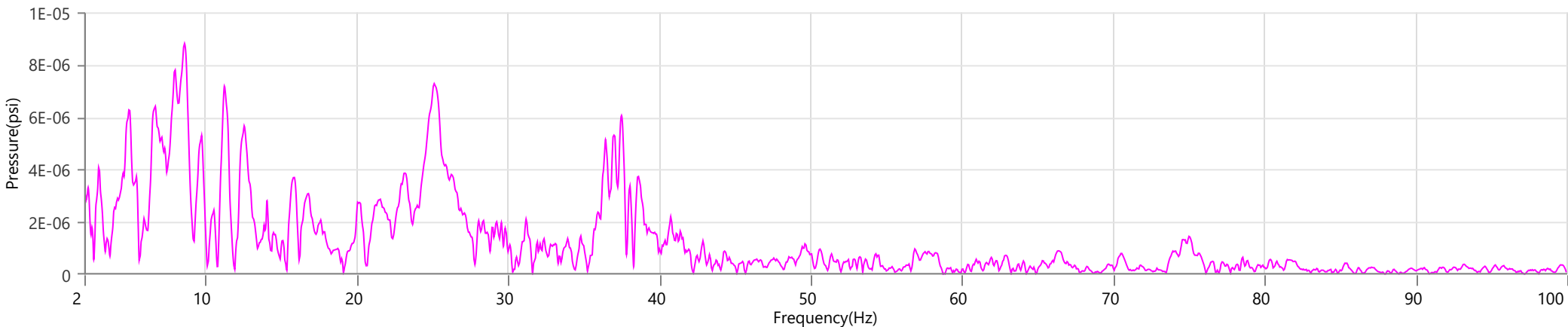
Vert - Dominant Frequency 37.2 Hz, Amplitude 0.0025 in/s (Peak Particle Velocity: 0.0999 in/s)



Long - Dominant Frequency 37.8 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.0788 in/s)



Mic - Dominant Frequency 8.6 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000293 psi)



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

Vert at January 16, 2025 12:59:23
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_20250116125923.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
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

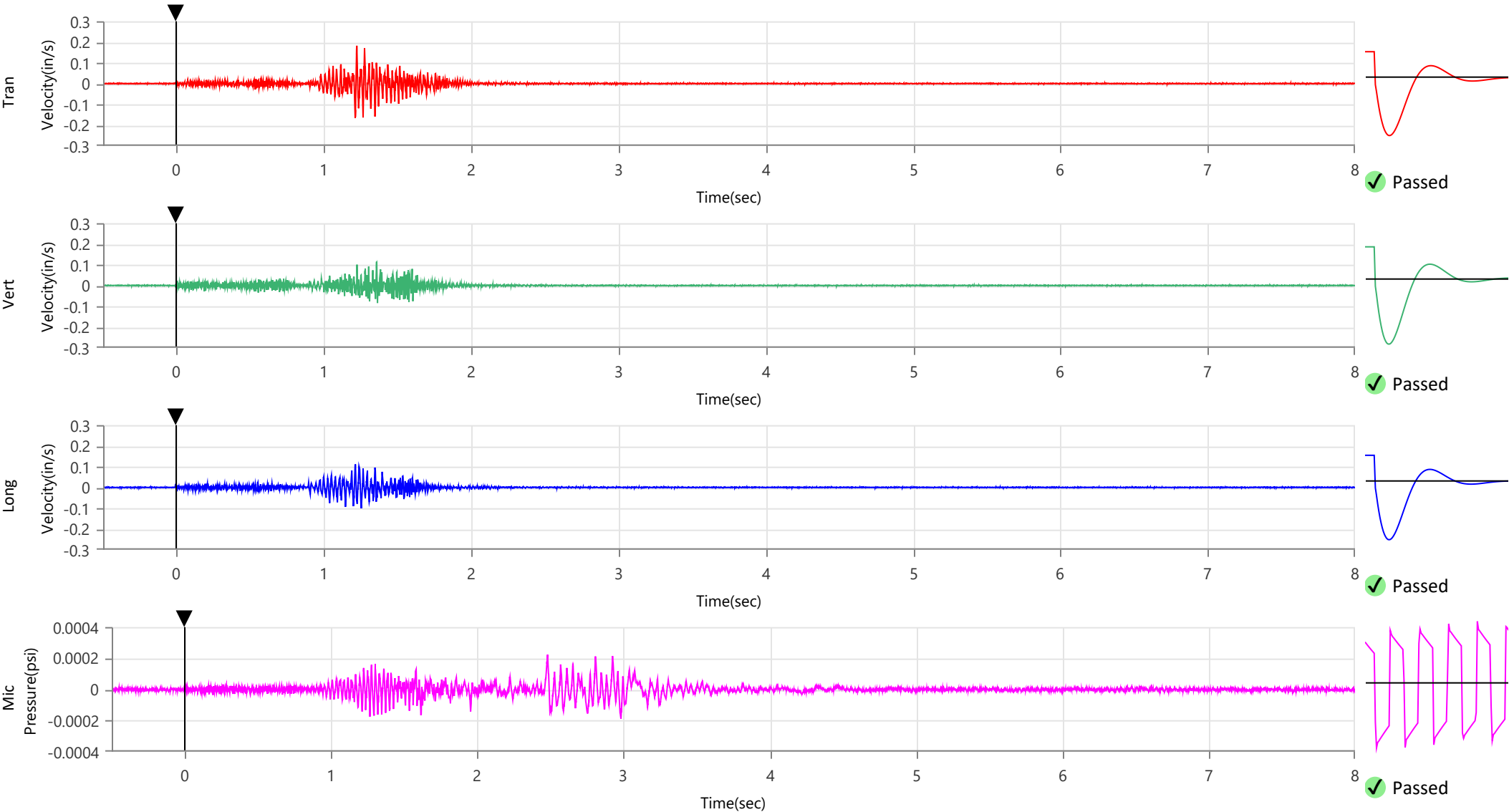
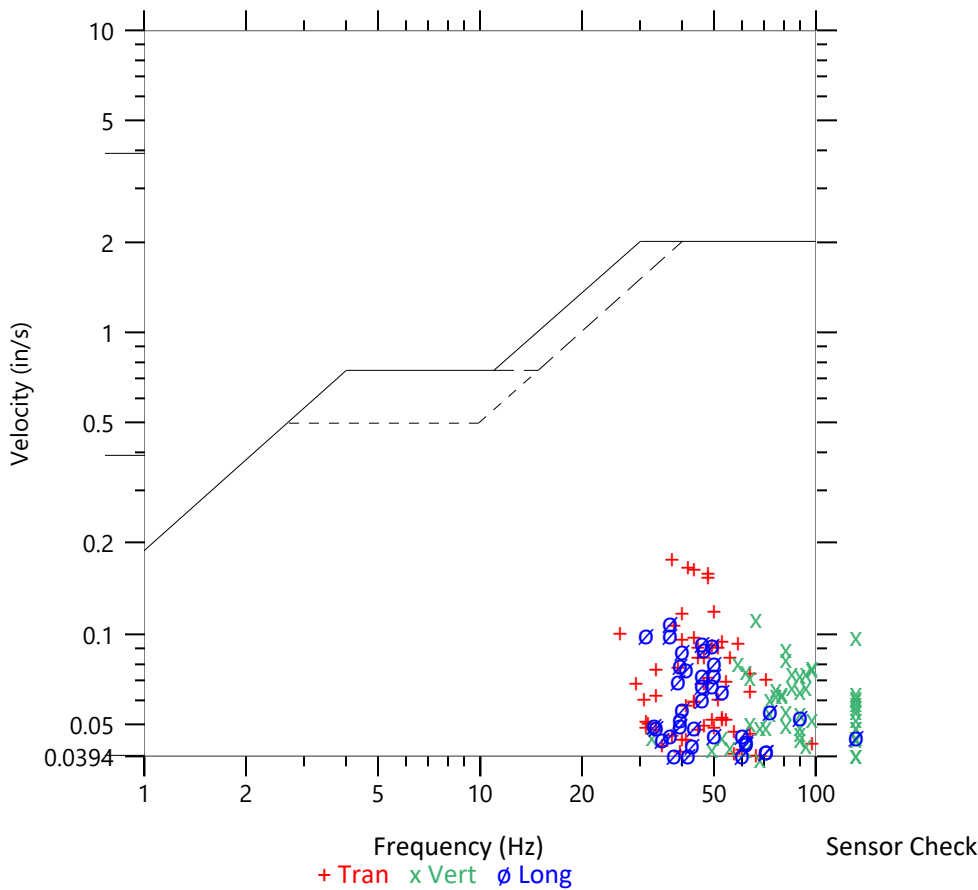
Tran	Vert	Long
0.1822 in/s	0.1145 in/s	0.1111 in/s
37.2 Hz	66.1 Hz	36.6 Hz
1.223 sec	1.357 sec	1.213 sec
0.158 g	0.161 g	0.145 g
0.001 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
6.9 Hz	7.3 Hz	7.1 Hz
5.1	4.3	5.0

Peak Vector Sum 0.2012 in/s at 1.223 sec

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

0.000223 psi
97.7 dB(L)
2.480 sec
16.1 Hz
✓ Passed
19.7 Hz
1633 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 January 16, 2025 12:59:23
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

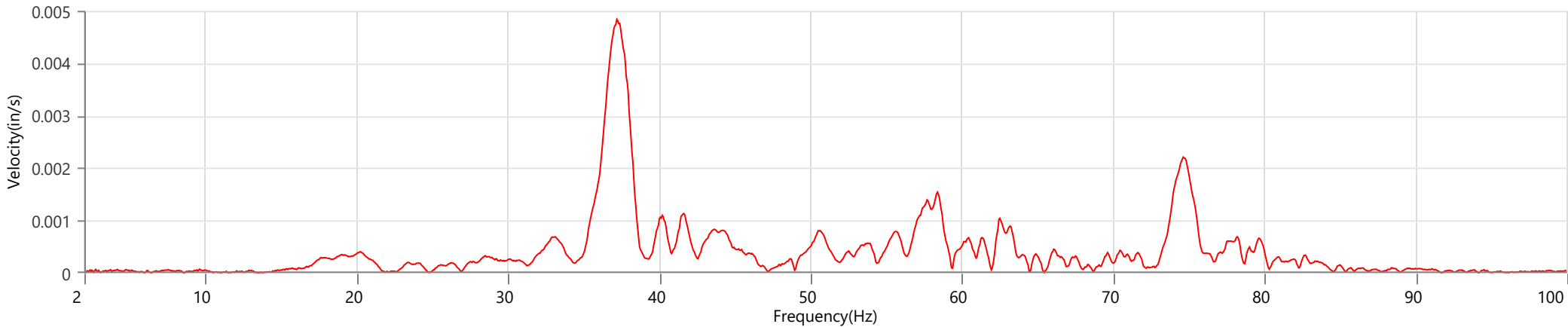
UM18138
Micromate ISEE 11.0AK
3.8 volts
March 25, 2024 by Instantel
UM18138_20250116125923.IDFW
Disabled

Notes
Location
Client
Company
General Notes

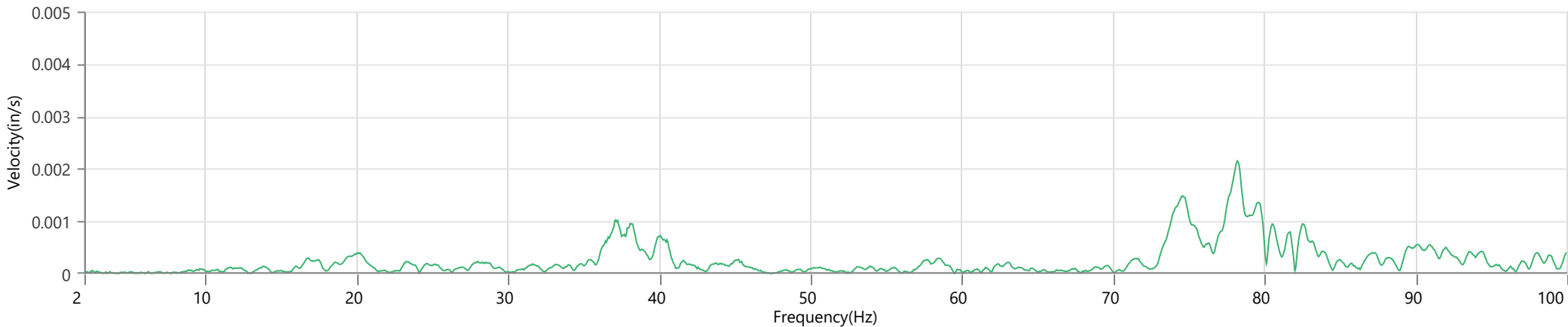
Station 3
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

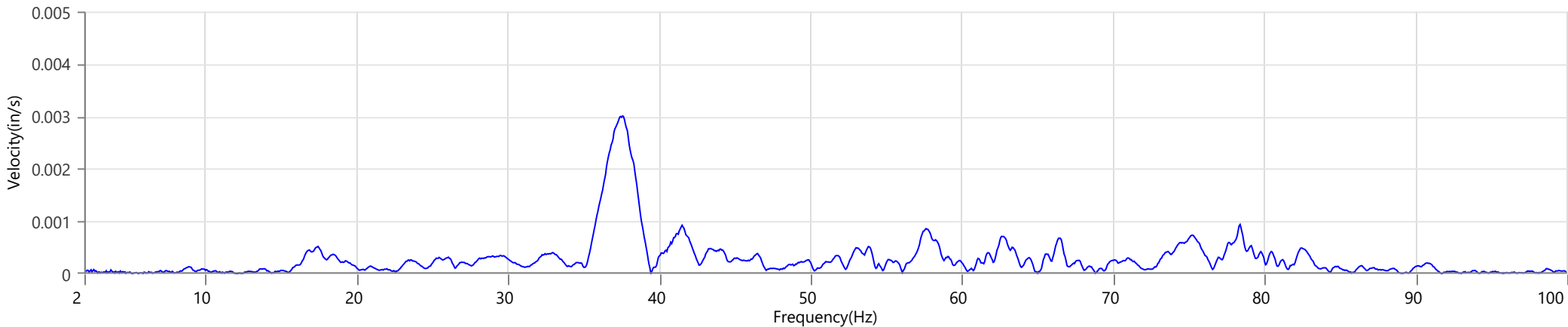
Tran - Dominant Frequency 37.2 Hz, Amplitude 0.0048 in/s (Peak Particle Velocity: 0.1822 in/s)



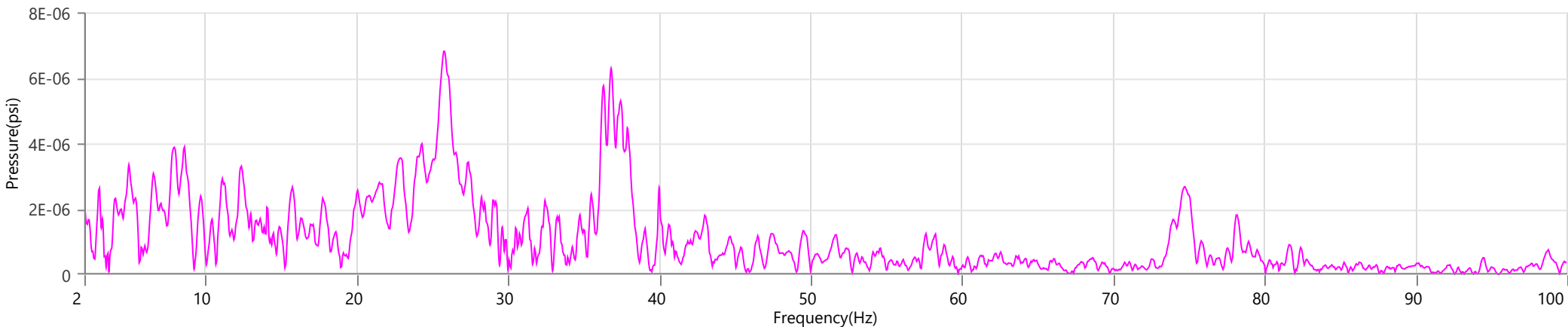
Vert - Dominant Frequency 78.2 Hz, Amplitude 0.0022 in/s (Peak Particle Velocity: 0.1145 in/s)



Long - Dominant Frequency 37.6 Hz, Amplitude 0.0030 in/s (Peak Particle Velocity: 0.1111 in/s)



Mic - Dominant Frequency 25.8 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000223 psi)



Waveform Trigger Source Long at January 16, 2025 12:59:23
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

Serial Number UM8723
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration March 25, 2024 by Instantel
Event File Name UM8723_20250116125923.IDFW
USB Sensor Support Disabled

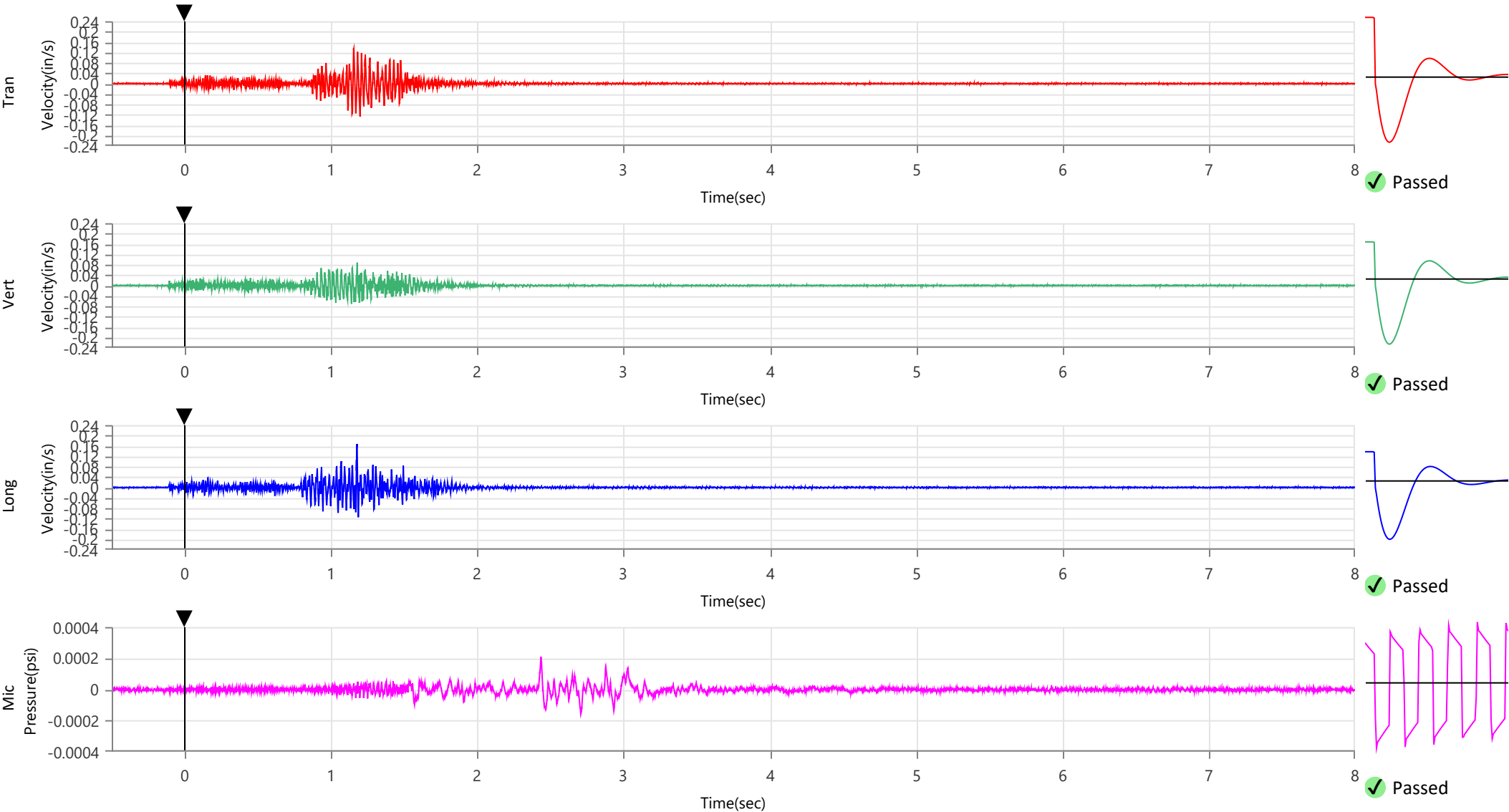
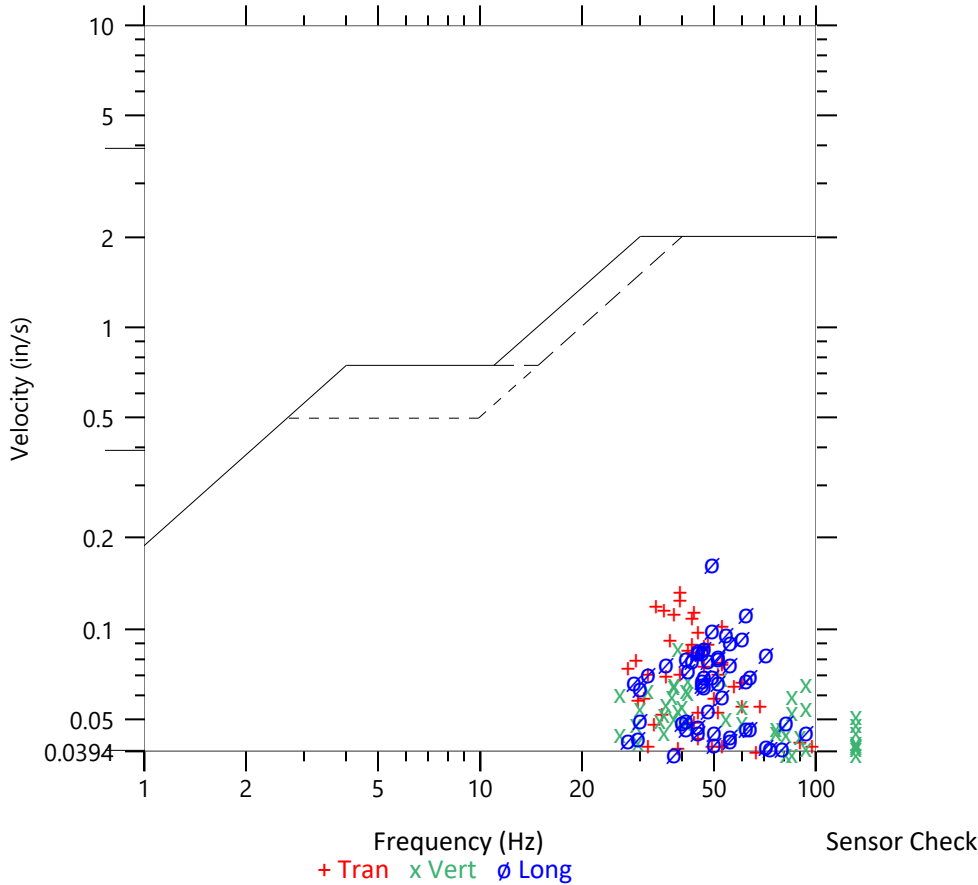
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1353 in/s	0.0881 in/s	0.1676 in/s
Zero Crossing Frequency	39.4 Hz	38.6 Hz	48.8 Hz
Time (Relative to Trigger)	1.155 sec	1.179 sec	1.177 sec
Peak Acceleration	0.145 g	0.122 g	0.125 g
Peak Displacement	0.001 in	0.000 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	3.4	3.5	4.0
Peak Vector Sum	0.1864 in/s at 1.179 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000209 psi
Peak Sound Pressure Level 97.2 dB(L)
Time (Relative to Trigger) 2.435 sec
Zero Crossing Frequency 16.3 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1623 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





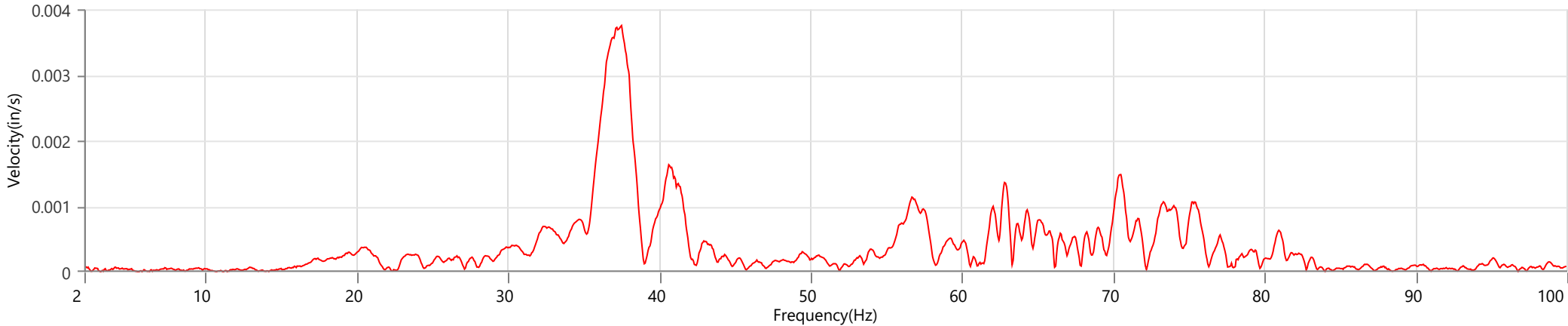
Waveform Trigger Source Long at January 16, 2025 12:59:23
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

Serial Number UM8723
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration March 25, 2024 by Instantel
Event File Name UM8723_20250116125923.IDFW
USB Sensor Support Disabled

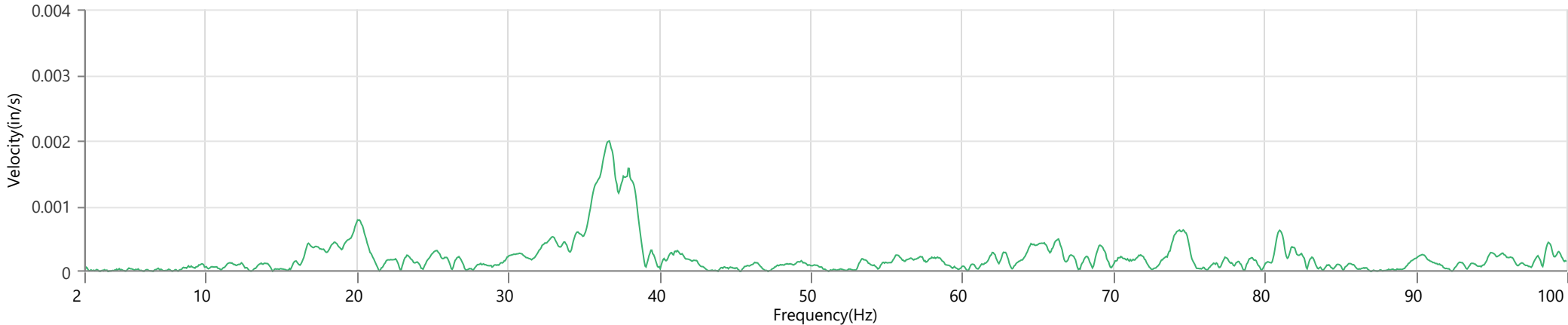
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

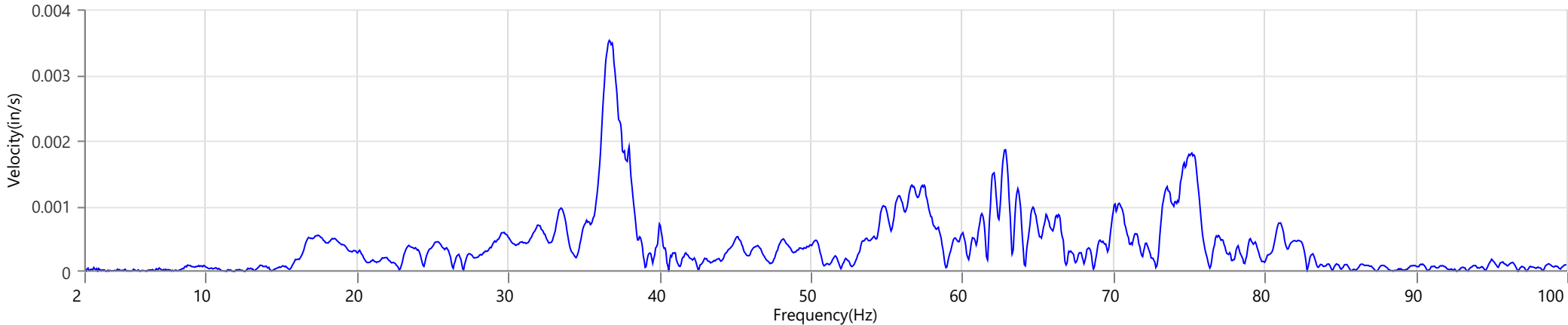
Tran - Dominant Frequency 37.5 Hz, Amplitude 0.0038 in/s (Peak Particle Velocity: 0.1353 in/s)



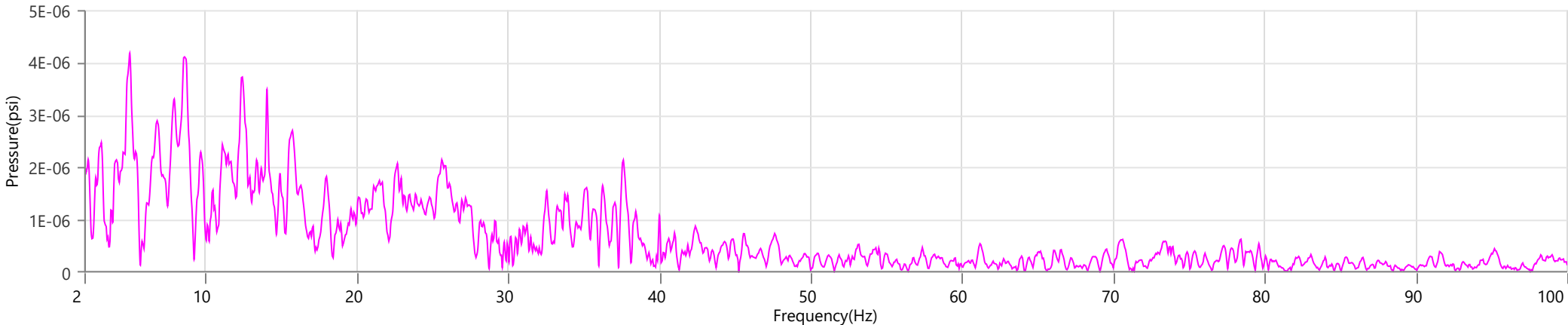
Vert - Dominant Frequency 36.7 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.0881 in/s)



Long - Dominant Frequency 36.7 Hz, Amplitude 0.0035 in/s (Peak Particle Velocity: 0.1676 in/s)



Mic - Dominant Frequency 5.0 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000209 psi)



Waveform Trigger Source Long at January 16, 2025 12:59:23
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

Serial Number UM19910
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 22, 2024 by Instantel
Event File Name UM19910_20250116125923.IDFW
USB Sensor Support Disabled

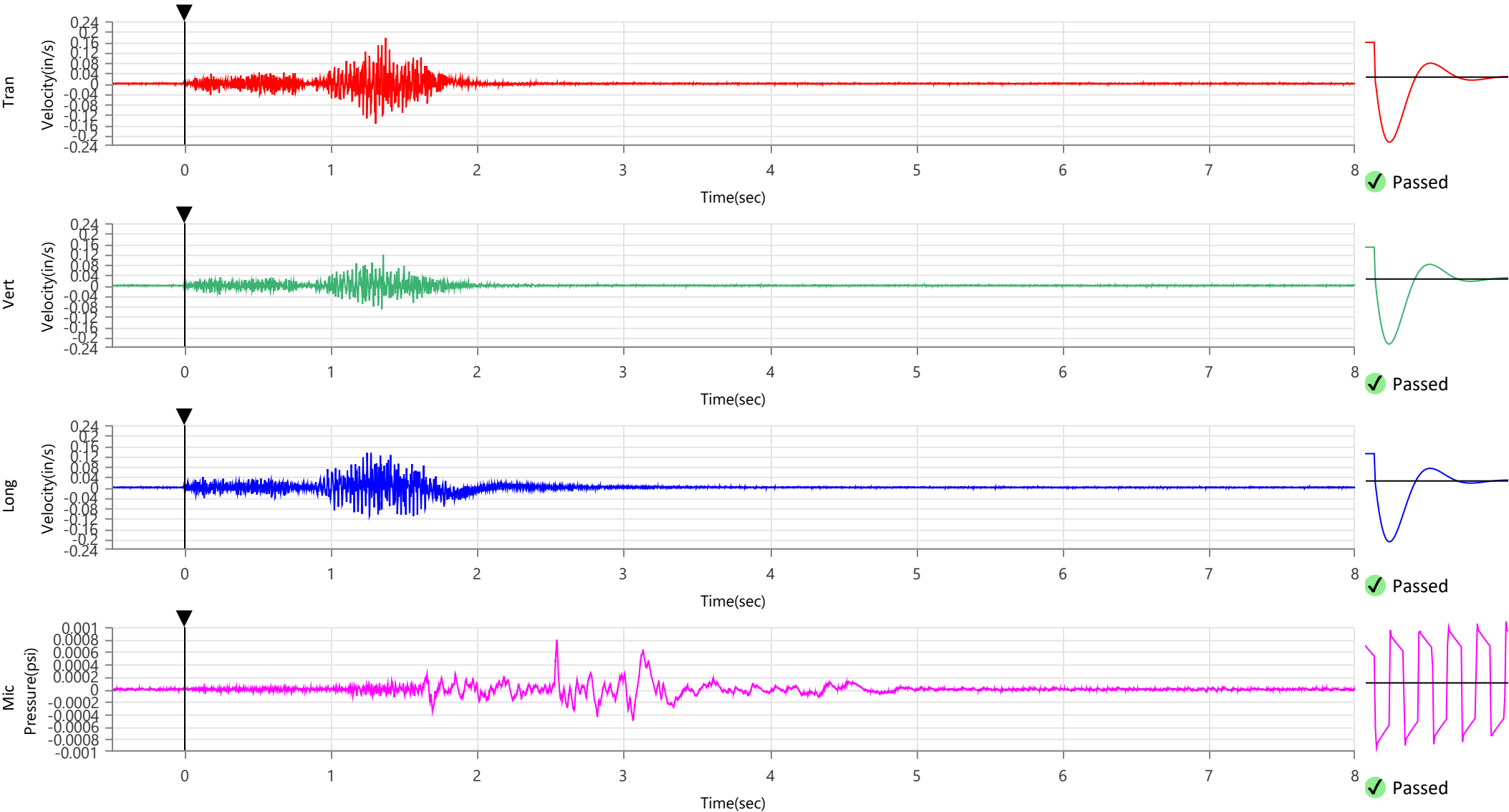
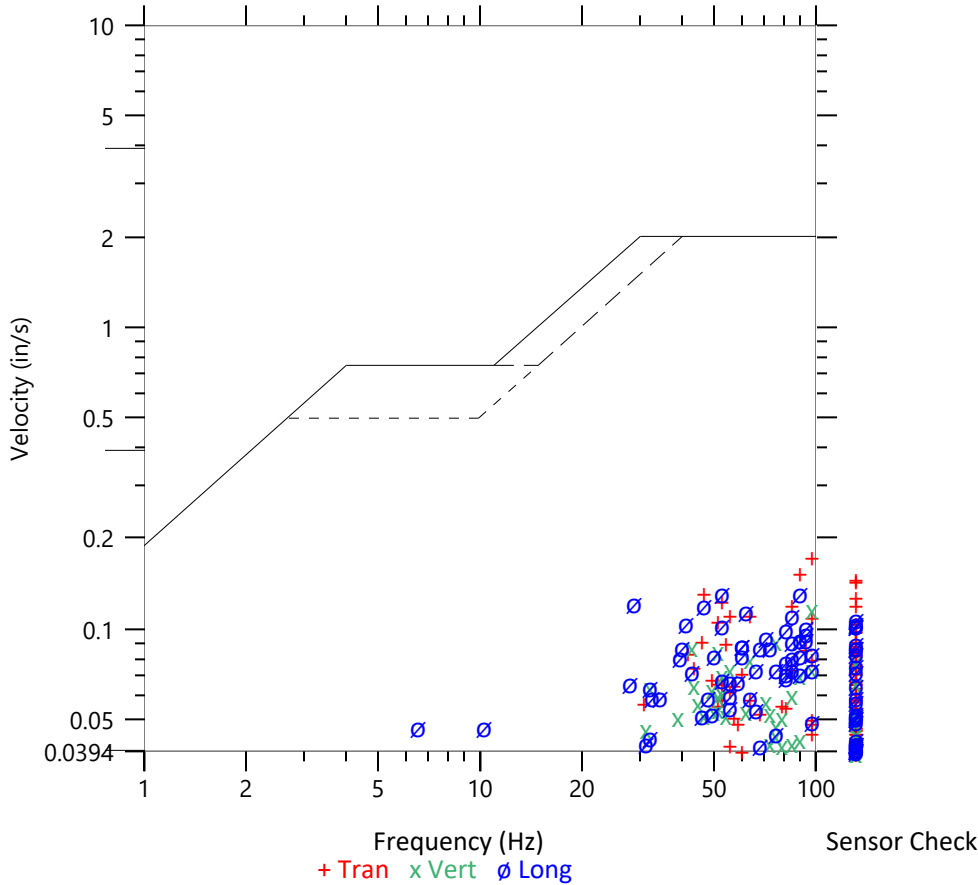
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note N30.49911 W98.21538
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1759 in/s	0.1179 in/s	0.1331 in/s
Zero Crossing Frequency	97.5 Hz	97.5 Hz	52.5 Hz
Time (Relative to Trigger)	1.374 sec	1.357 sec	1.246 sec
Peak Acceleration	0.290 g	0.184 g	0.201 g
Peak Displacement	0.000 in	0.000 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.3 Hz	7.1 Hz
Overswing Ratio	4.6	4.4	4.8
Peak Vector Sum	0.1980 in/s at 1.246 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000794 psi
Peak Sound Pressure Level 108.8 dB(L)
Time (Relative to Trigger) 2.542 sec
Zero Crossing Frequency 10.1 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1730 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



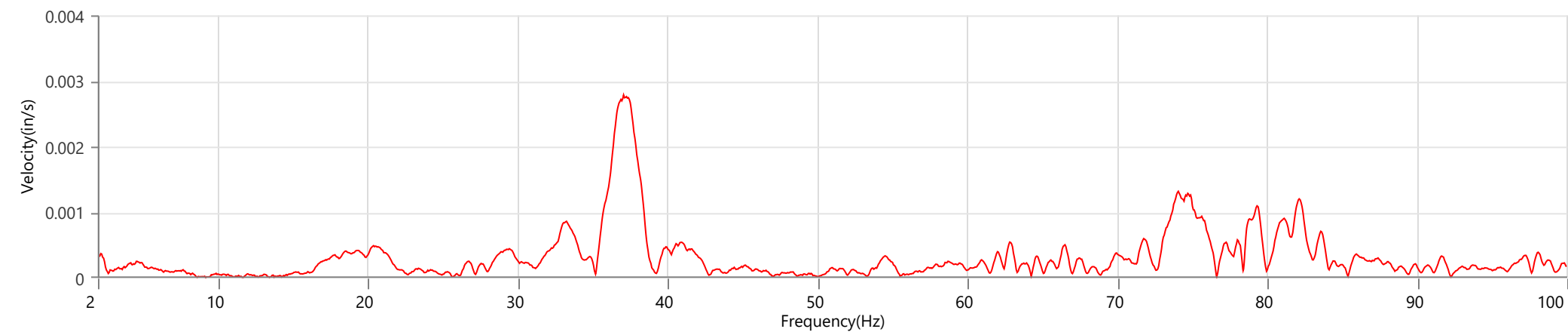
Waveform Trigger Source Long at January 16, 2025 12:59:23
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

Serial Number UM19910
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 22, 2024 by Instantel
Event File Name UM19910_20250116125923.IDFW
USB Sensor Support Disabled

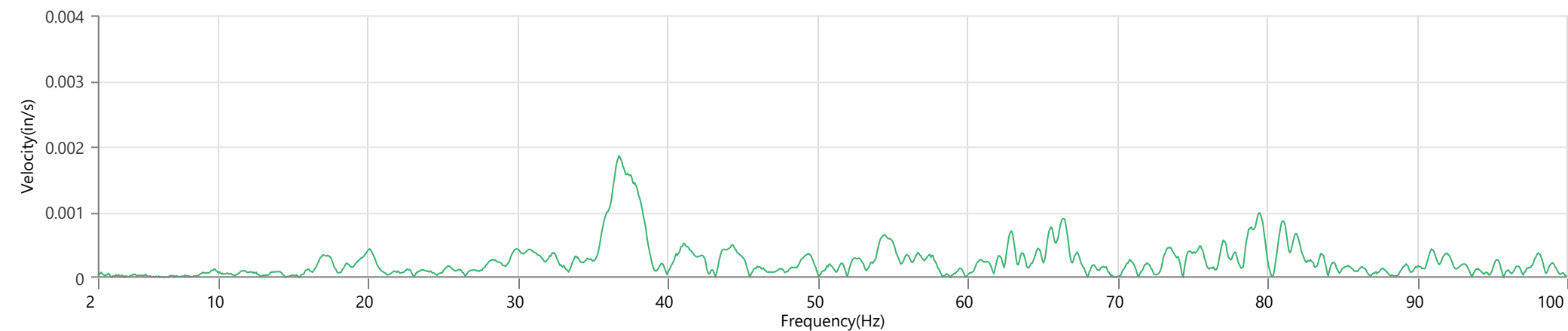
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note N30.49911 W98.21538
Post Event Notes No text to be displayed.

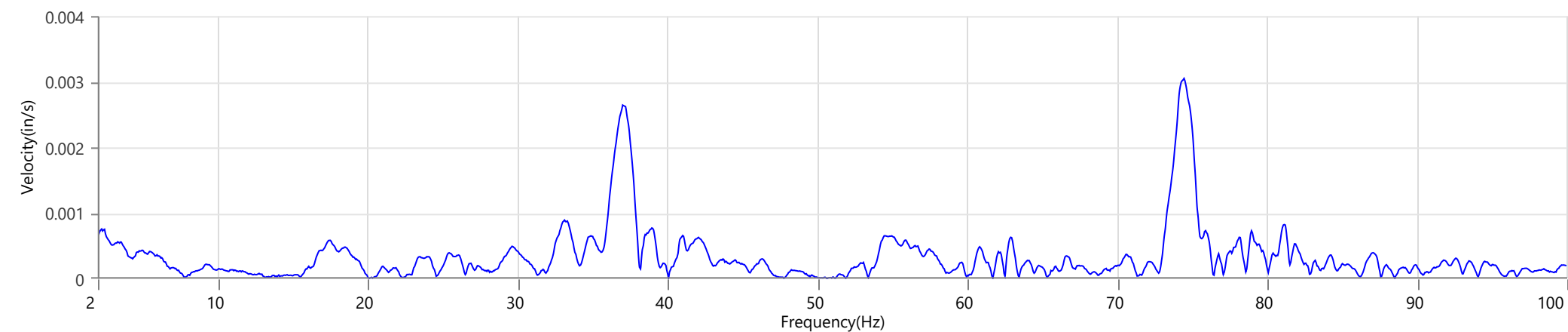
Tran - Dominant Frequency 37.1 Hz, Amplitude 0.0028 in/s (Peak Particle Velocity: 0.1759 in/s)



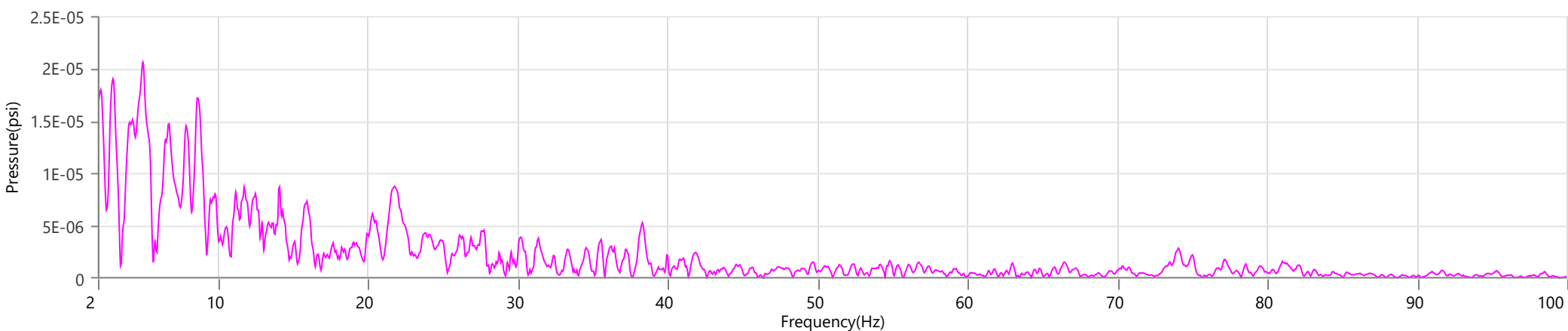
Vert - Dominant Frequency 36.8 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1179 in/s)



Long - Dominant Frequency 74.4 Hz, Amplitude 0.0031 in/s (Peak Particle Velocity: 0.1331 in/s)



Mic - Dominant Frequency 5.0 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000794 psi)



Waveform Trigger Source Long at January 16, 2025 12:59:23
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

Serial Number UM11400
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 21, 2024 by Instantel
Event File Name UM11400_20250116125923.IDFW
USB Sensor Support Disabled

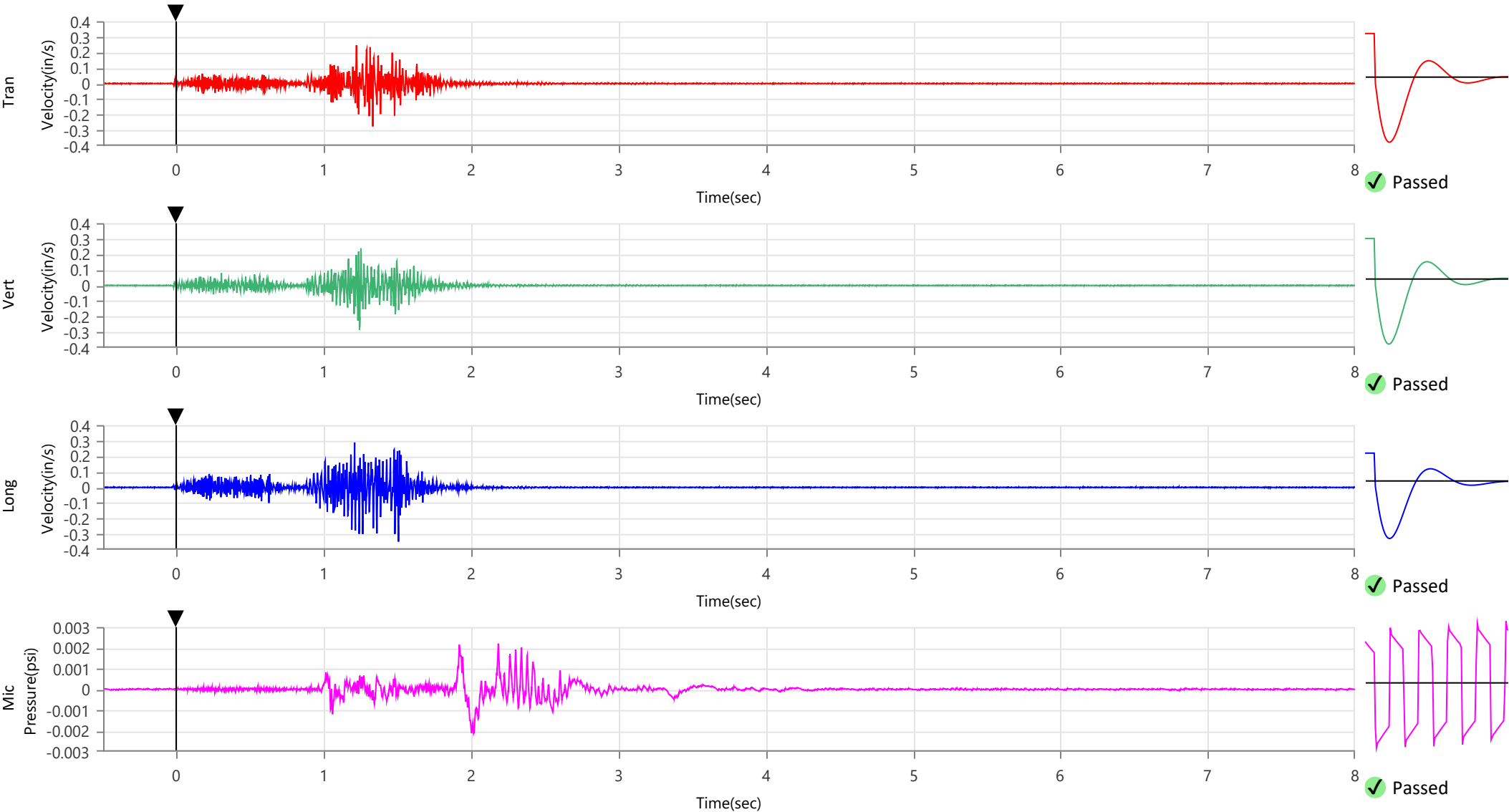
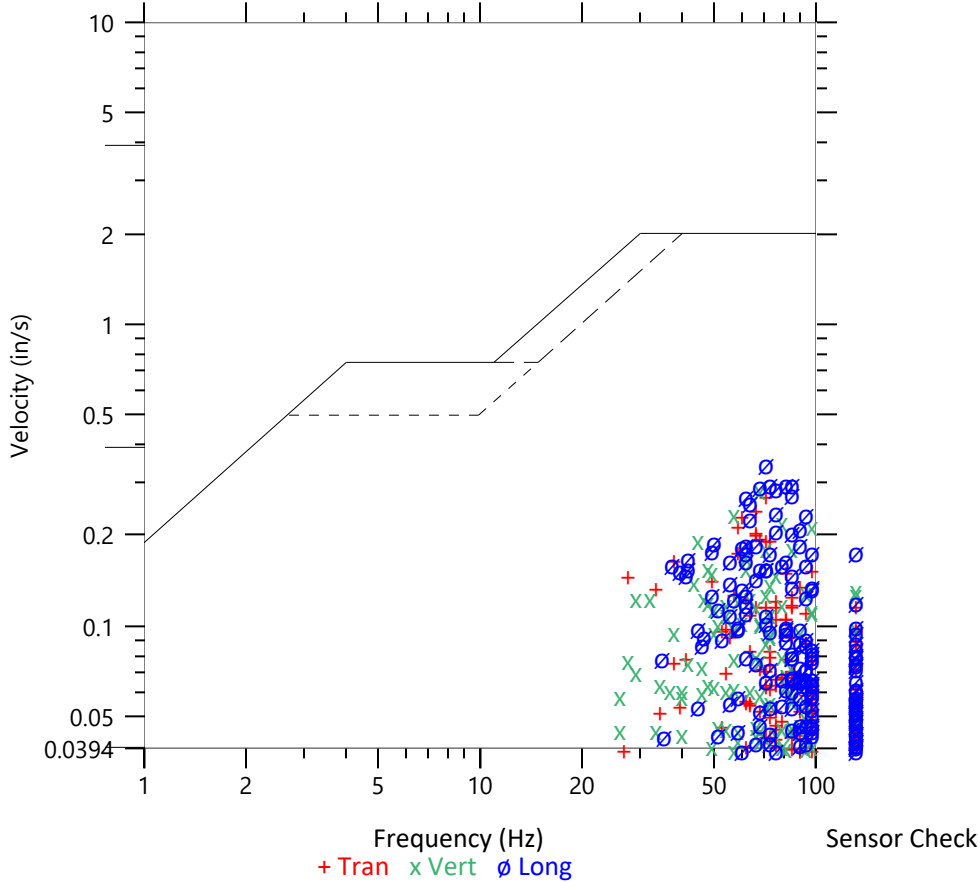
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2749 in/s	0.2846 in/s	0.3482 in/s
Zero Crossing Frequency	70.6 Hz	68.3 Hz	70.6 Hz
Time (Relative to Trigger)	1.331 sec	1.241 sec	1.506 sec
Peak Acceleration	0.303 g	0.349 g	0.418 g
Peak Displacement	0.001 in	0.001 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.7 Hz	7.1 Hz
Overswing Ratio	3.9	3.7	4.7
Peak Vector Sum	0.3824 in/s at 1.506 sec		

ISEE Linear Microphone	
Peak Sound Pressure Level	0.002203 psi
Peak Sound Pressure Level	117.6 dB(L)
Time (Relative to Trigger)	2.183 sec
Zero Crossing Frequency	11.1 Hz
Sensor Check	✓ Passed
Frequency	20.5 Hz
Test Amplitude	1674 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



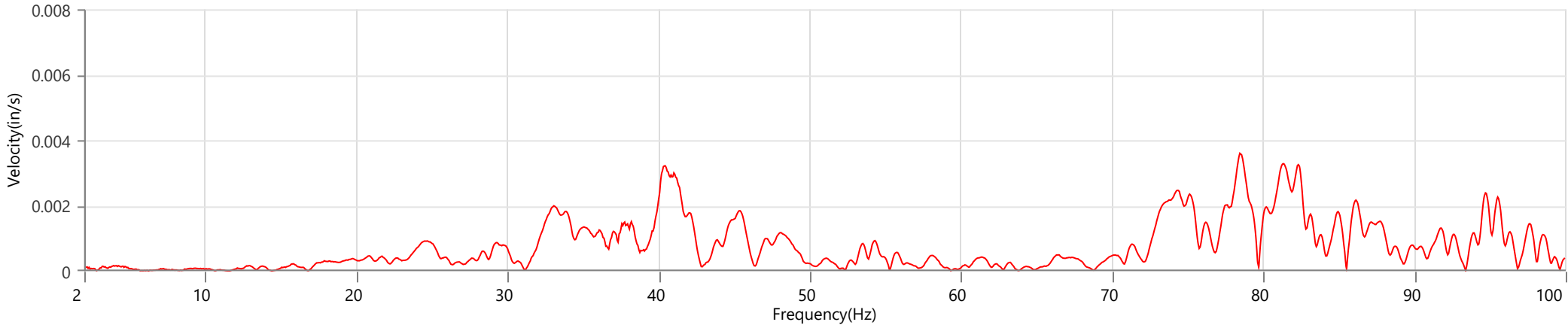
Waveform Trigger Source Long at January 16, 2025 12:59:23
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

Serial Number UM11400
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 21, 2024 by Instantel
Event File Name UM11400_20250116125923.IDFW
USB Sensor Support Disabled

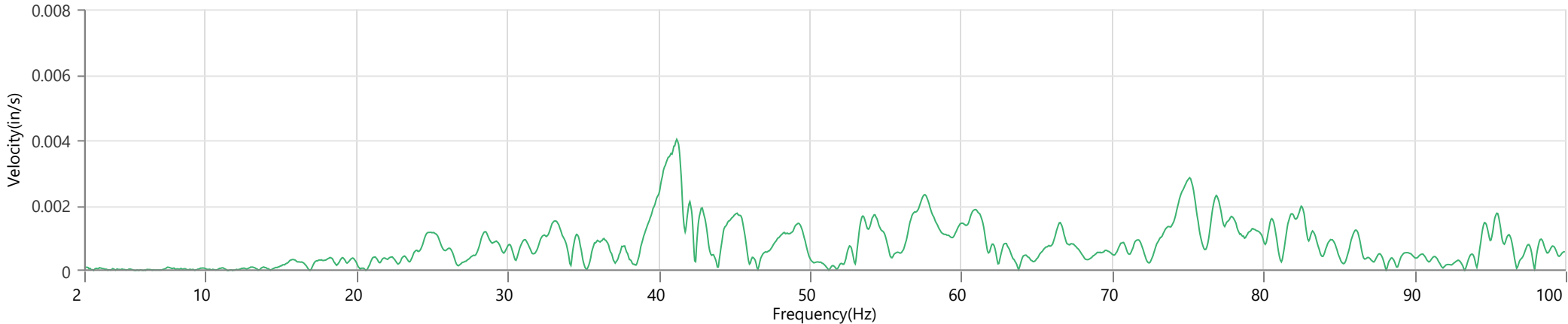
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

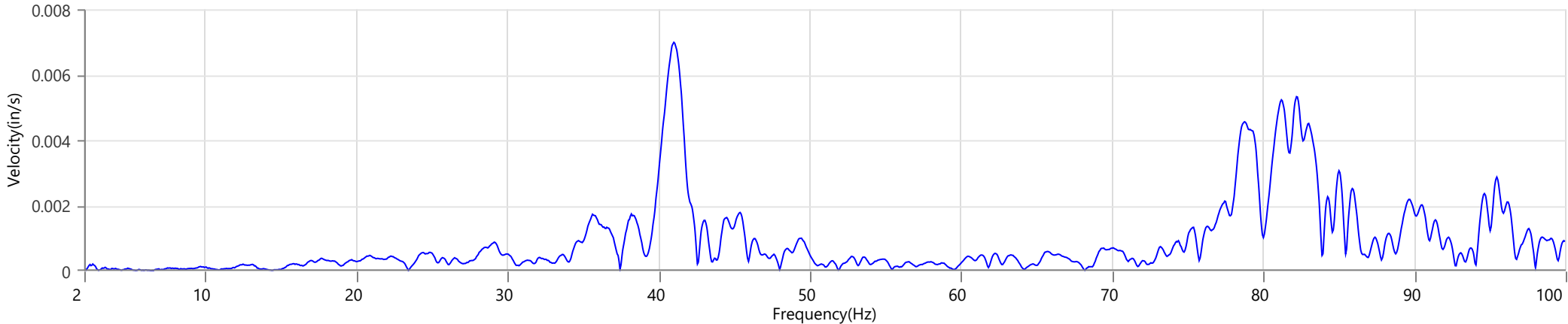
Tran - Dominant Frequency 78.4 Hz, Amplitude 0.0036 in/s (Peak Particle Velocity: 0.2749 in/s)



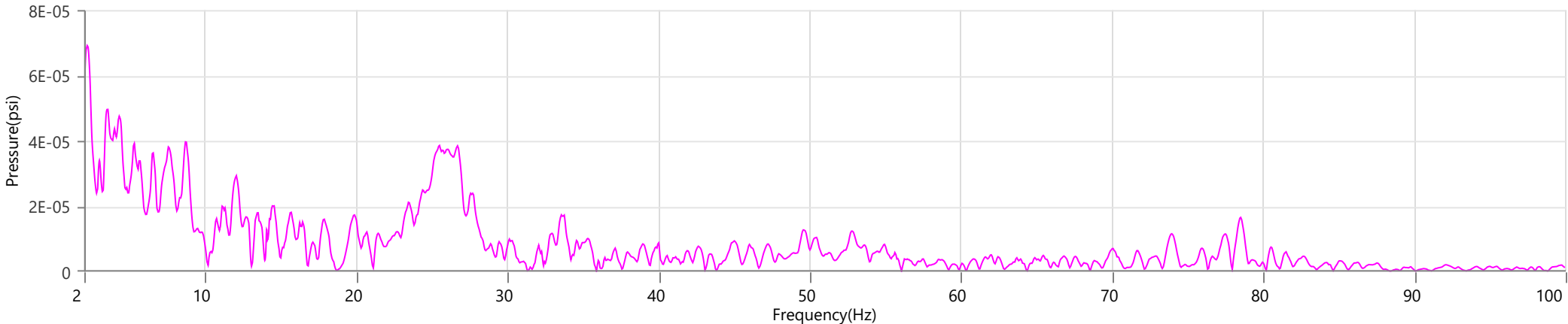
Vert - Dominant Frequency 41.2 Hz, Amplitude 0.0040 in/s (Peak Particle Velocity: 0.2846 in/s)



Long - Dominant Frequency 41.0 Hz, Amplitude 0.0070 in/s (Peak Particle Velocity: 0.3482 in/s)



Mic - Dominant Frequency 2.2 Hz, Amplitude 0.00007 psi (Peak Sound Pressure Level: 0.002203 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

January 16, 2025 00:00:05

January 16, 2025 23:29:59

1409.91/60 sec

4096 sps

Spicewood Hwy 71 - Noise 2.mmb

Operator

Serial Number

Model Number

Battery Level

Unit Calibration

Microphone Calibration

Event File Name

USB Sensor Support

UM19907

Micromate ISEE 11.0AK

3.8 volts

May 23, 2024 by Instantel

UA10154, March 2, 2023 by Instantel

UM19907_20250116000005.IDFH

Disabled

Notes

Location

Client

Company

General Notes

Noise 2

Spicewood Crushed Stone

Hwy 71 Quarry

IGS, Inc.

Extended Note

Post Event Notes

Station 5N30.49911 W98.21538

No text to be displayed.

Sound Level Microphone

LMax

Date

Time

Sound(dB(A))

Sensor Check

Test Amplitude

A-Weight Slow

71.7 dB(A)

Jan 16, 2025

15:55:05

LMin

L10

L90

Leq

31.2

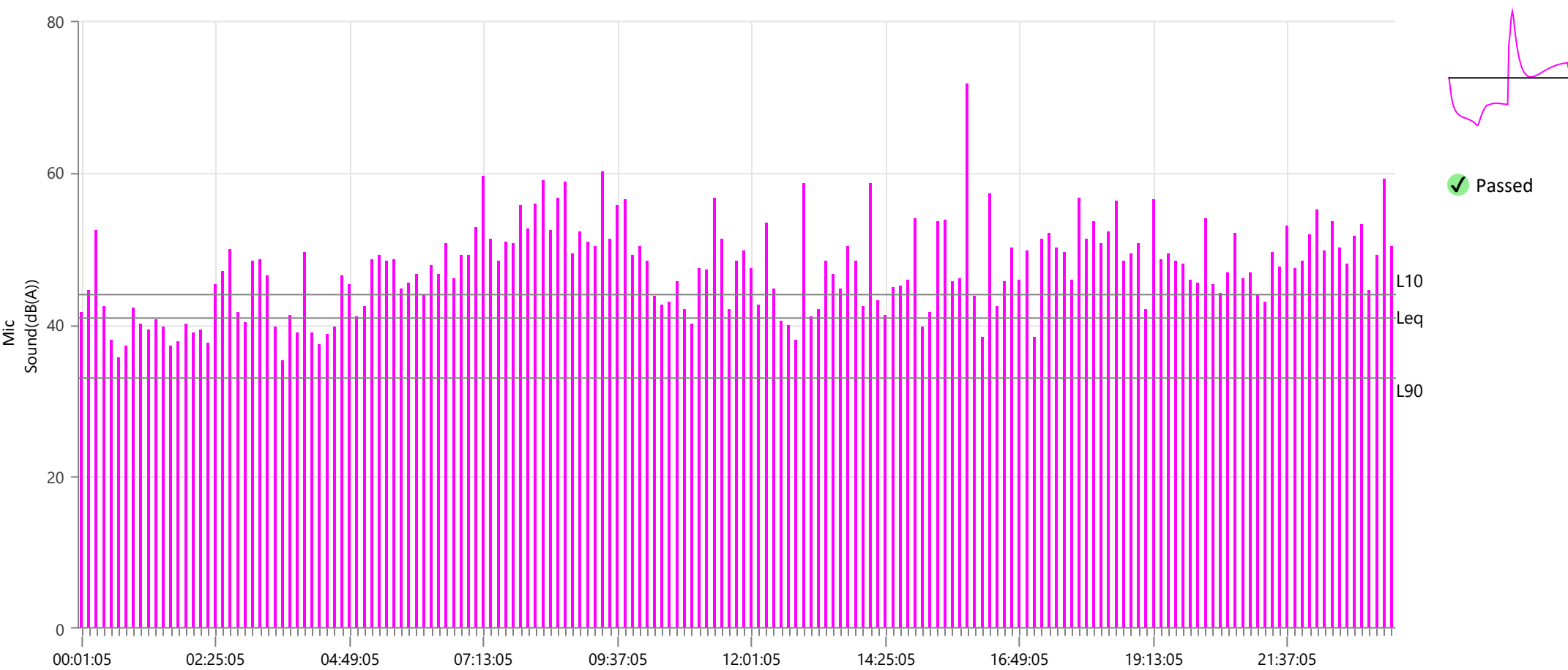
44

33

40.8

✓ Passed

1093 mv



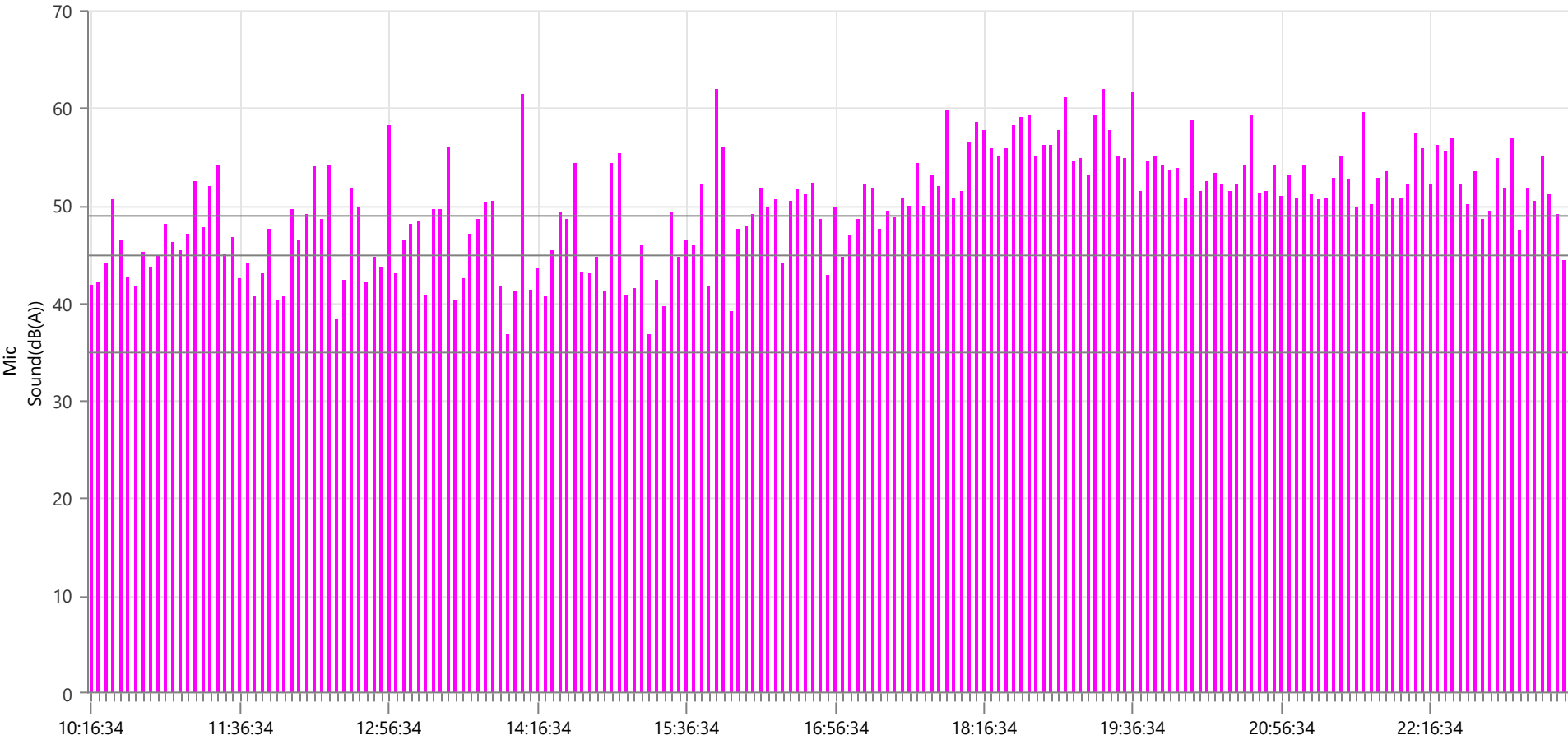
Start January 16, 2025 10:15:34
Finish January 16, 2025 23:29:59
Number of Intervals/Interval 794.42/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

Serial Number UM8048
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 21, 2024 by Instantel
Microphone Calibration UA10761, July 29, 2022 by Instantel
Event File Name UM8048_20250116101534.IDFH
USB Sensor Support Disabled

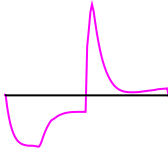
Notes
Location Noise 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note N30.490958 W98.213495
Post Event Notes No text to be displayed.

Sound Level Microphone
LMax 61.9 dB(A)
Date Jan 16, 2025
Time 15:54:34
LMin 31.0 L10 49 L90 35 Leq 44.8
Sensor Check ✓ Passed
Test Amplitude 1127 mv



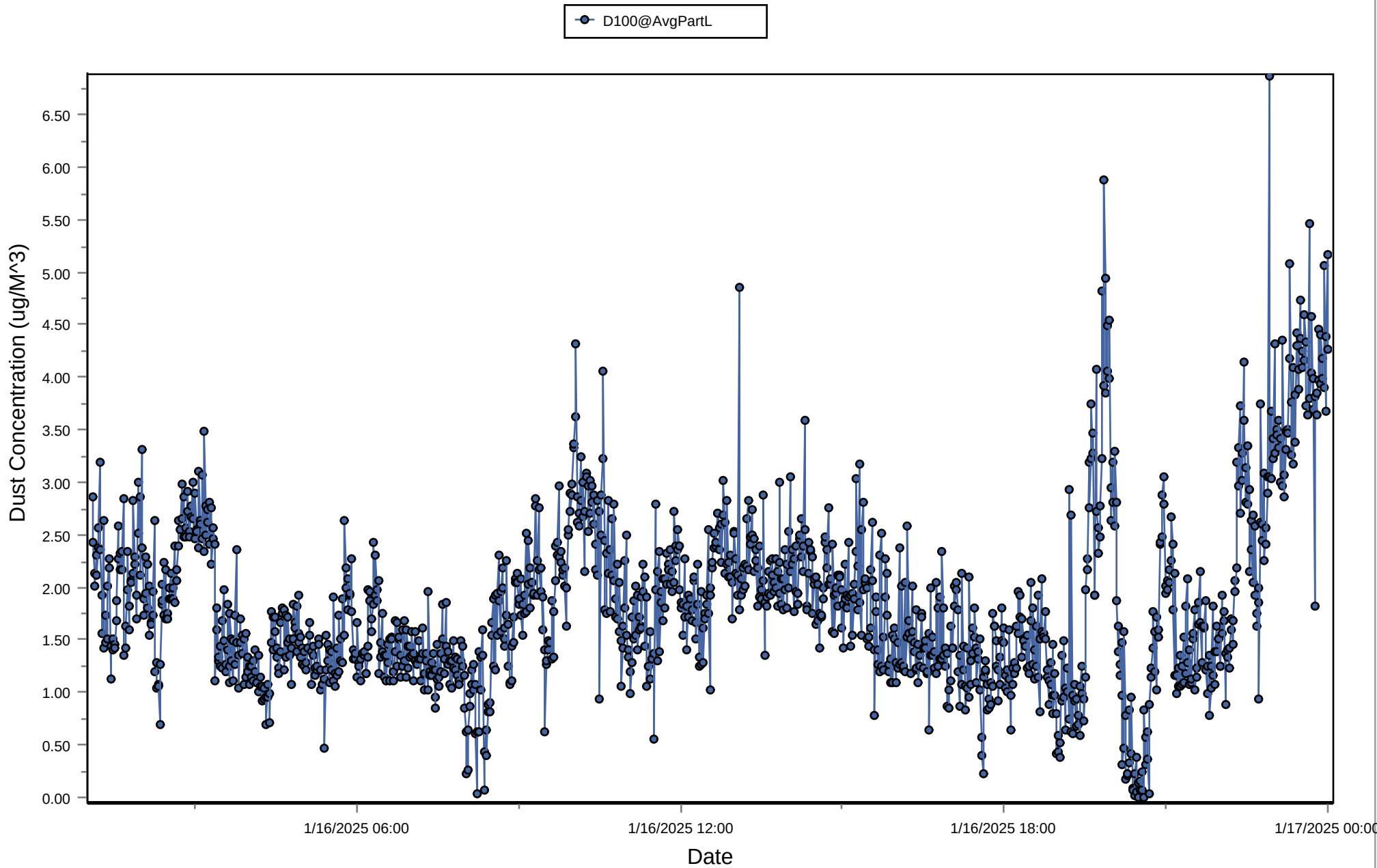
Sensor Check



✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor

