

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

Long at April 18, 2025 11:00:51
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_20250418110051.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.

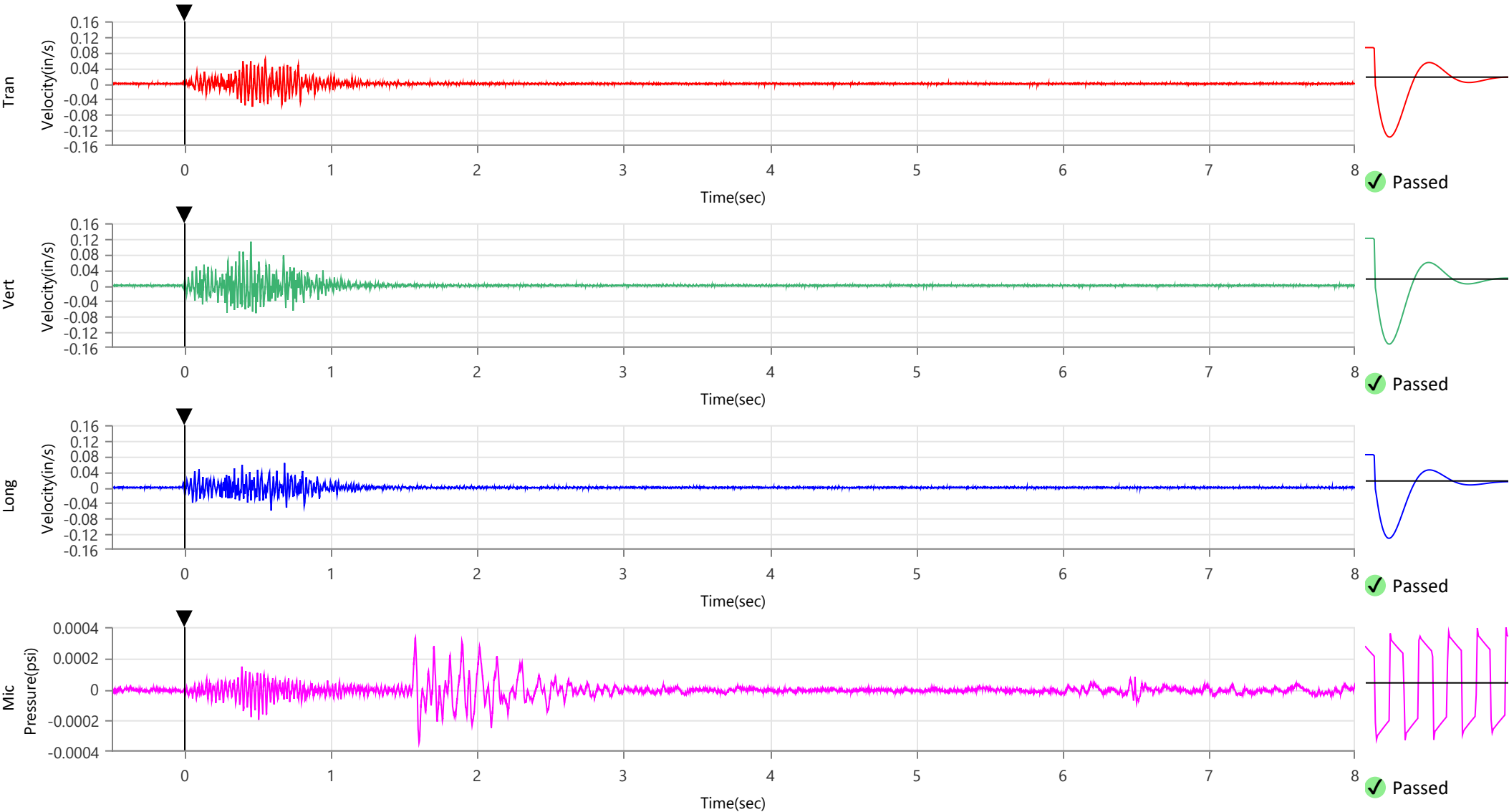
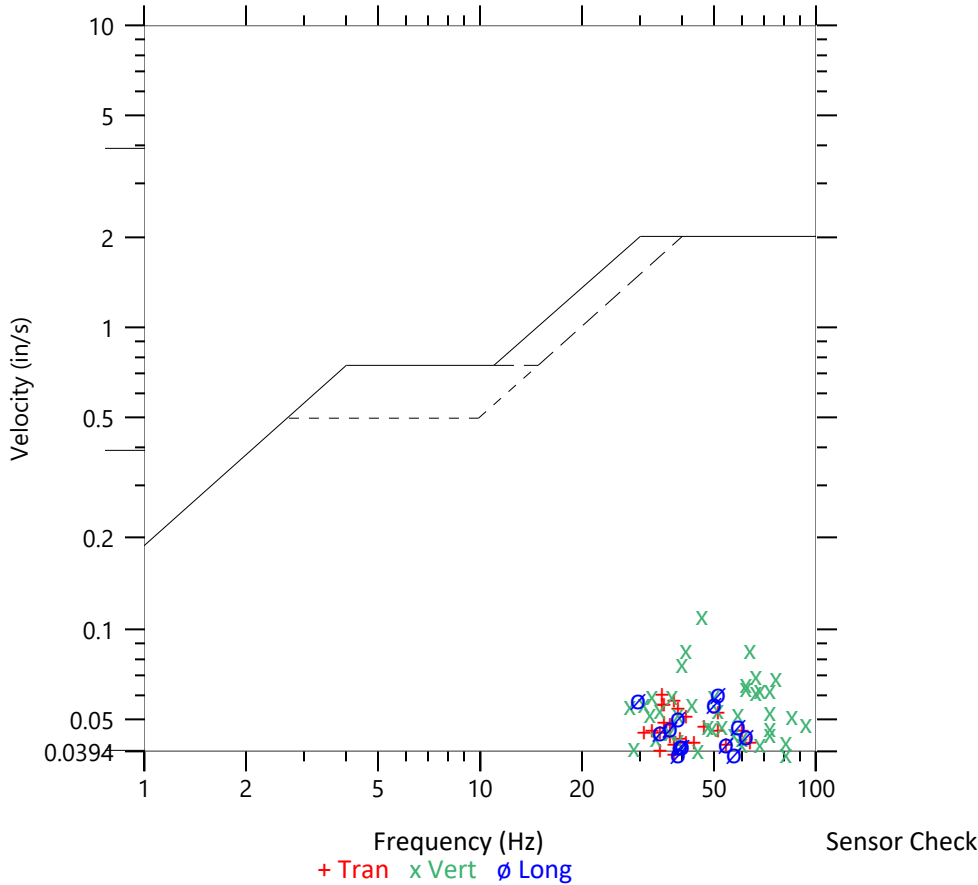
Geophone
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

Tran
0.0627 in/s
34.7 Hz
0.550 sec
0.059 g
0.000 in
✓ Passed
7.3 Hz
4.1

Vert
0.1123 in/s
45.5 Hz
0.453 sec
0.105 g
0.000 in
✓ Passed
7.5 Hz
3.9

Long
0.0627 in/s
51.2 Hz
0.682 sec
0.072 g
0.000 in
✓ Passed
7.1 Hz
5.1

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



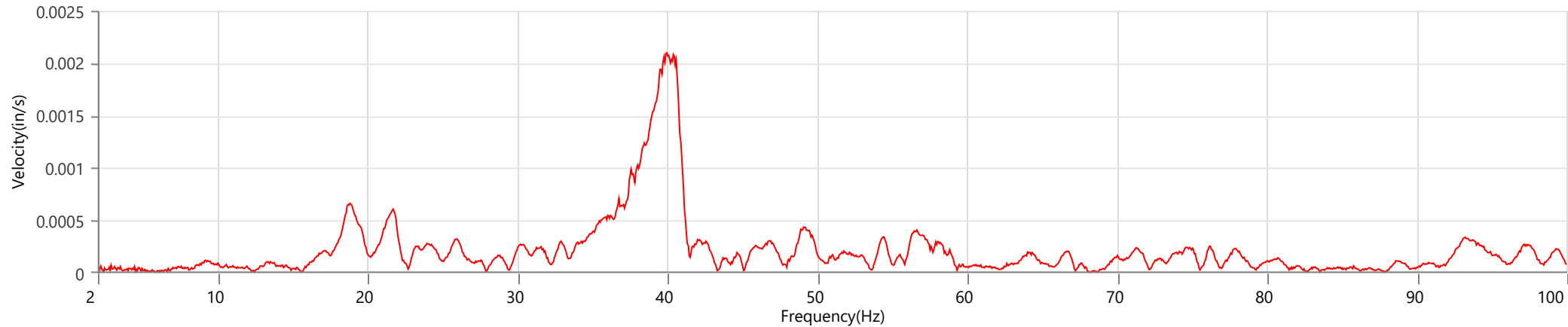
Waveform Trigger Source Long at April 18, 2025 11:00:51
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

Serial Number UM7450
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration June 28, 2024 by Instantel
Event File Name UM7450_20250418110051.IDFW
USB Sensor Support Disabled

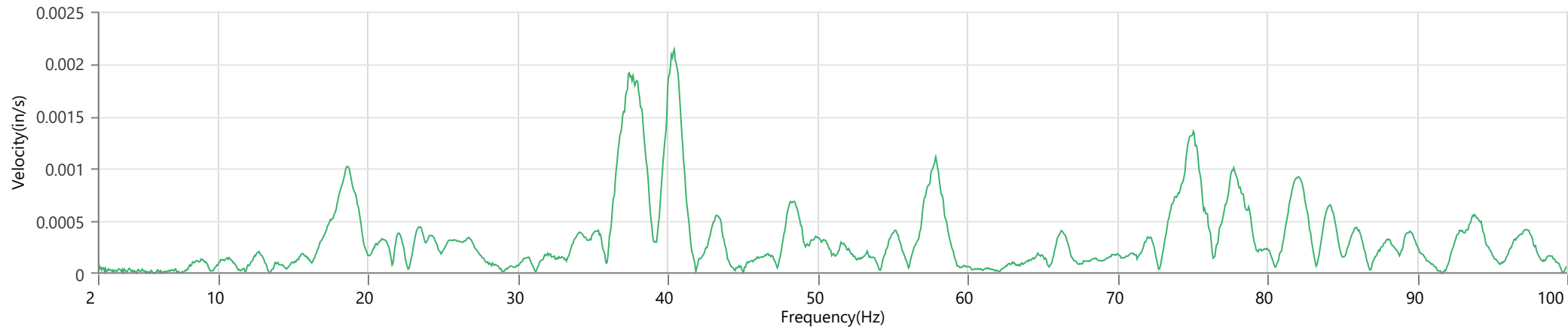
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

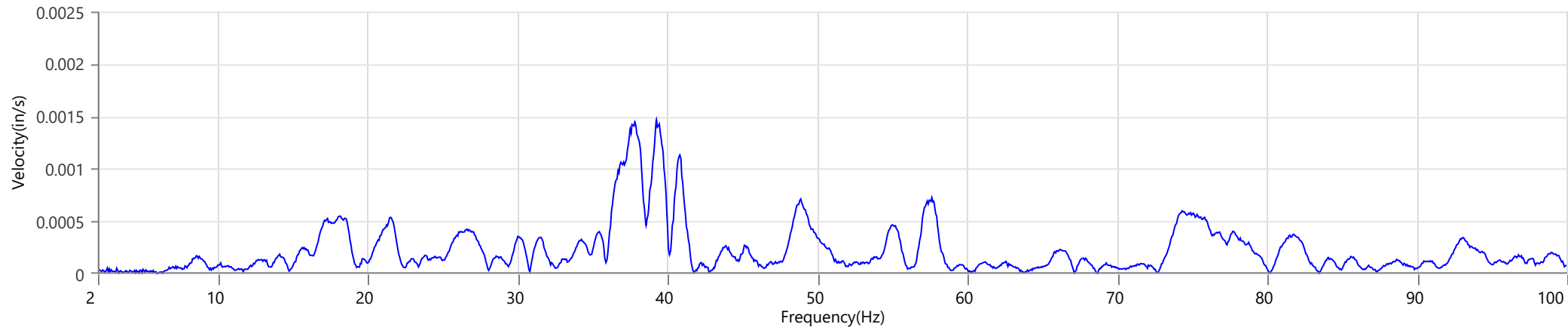
Tran - Dominant Frequency 39.9 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.0627 in/s)



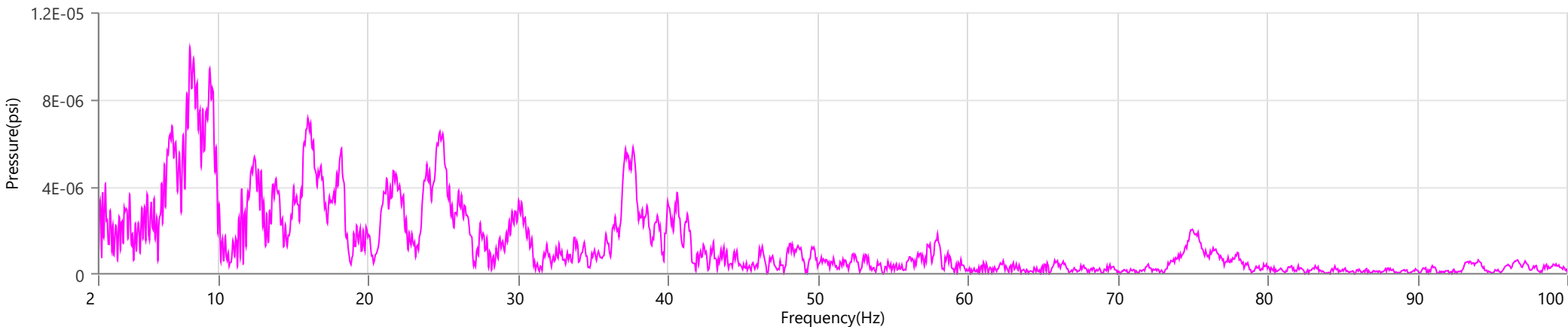
Vert - Dominant Frequency 40.4 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1123 in/s)



Long - Dominant Frequency 39.2 Hz, Amplitude 0.0015 in/s (Peak Particle Velocity: 0.0627 in/s)



Mic - Dominant Frequency 8.1 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000344 psi)



Waveform Trigger Source Long at April 18, 2025 11:00:51
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 3.mmb
Operator Operator

Serial Number UM20529
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration February 14, 2025 by Instantel
Event File Name UM20529_20250418110051.IDFW
USB Sensor Support Disabled

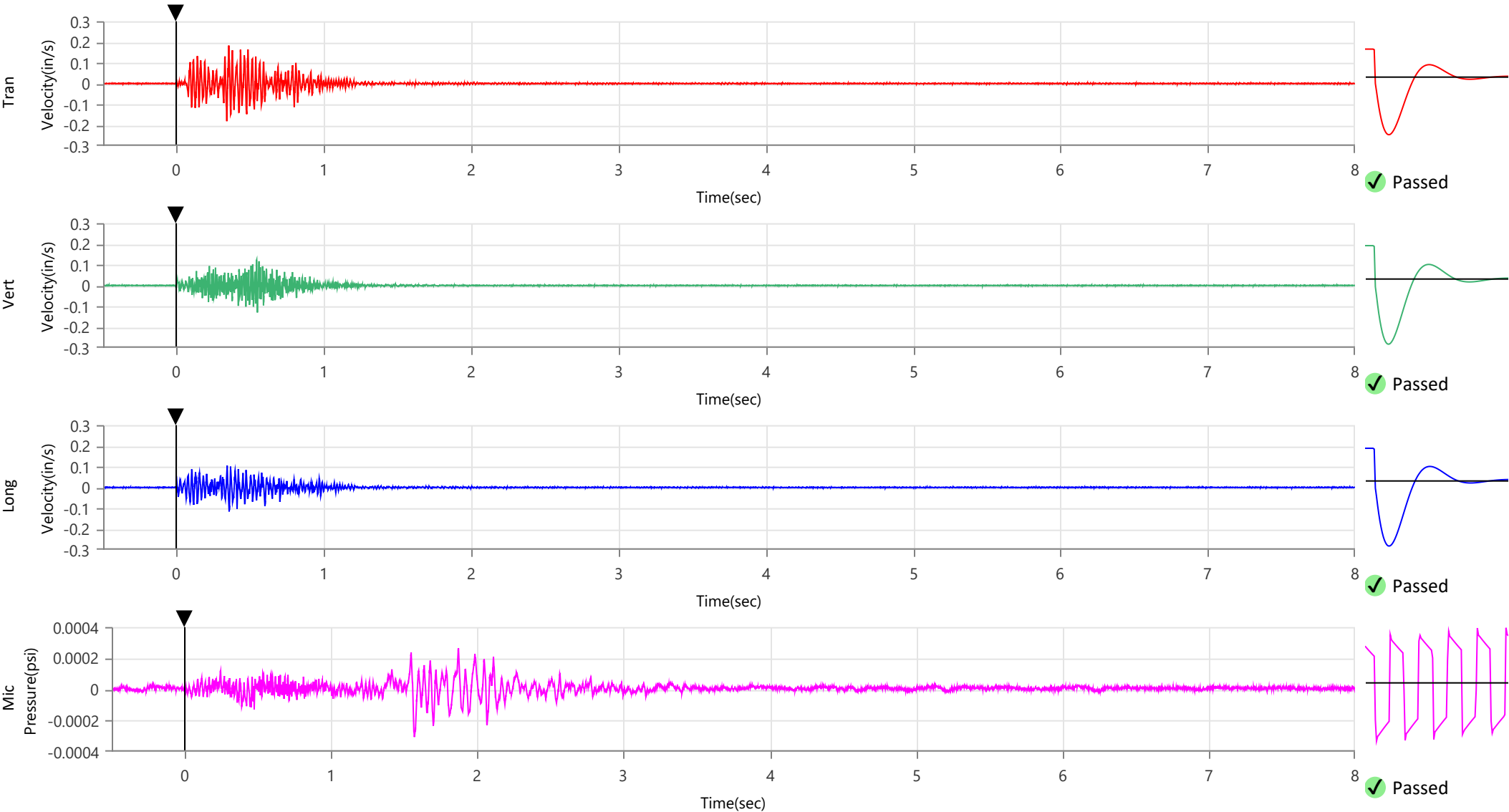
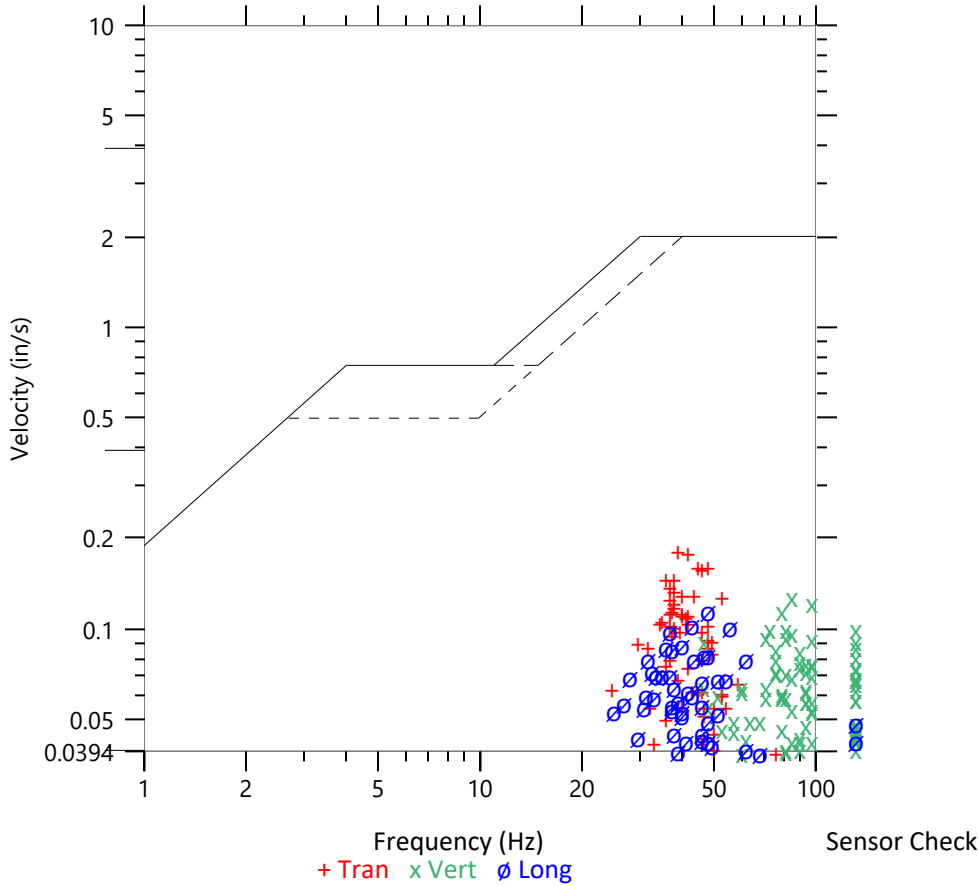
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1831 in/s	0.1300 in/s	0.1161 in/s
Zero Crossing Frequency	38.6 Hz	85.3 Hz	47.6 Hz
Time (Relative to Trigger)	0.353 sec	0.547 sec	0.356 sec
Peak Acceleration	0.155 g	0.211 g	0.122 g
Peak Displacement	0.001 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.4	4.4
Peak Vector Sum	0.2054 in/s at 0.354 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000306 psi
Peak Sound Pressure Level 100.5 dB(L)
Time (Relative to Trigger) 1.570 sec
Zero Crossing Frequency 16.3 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1334 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



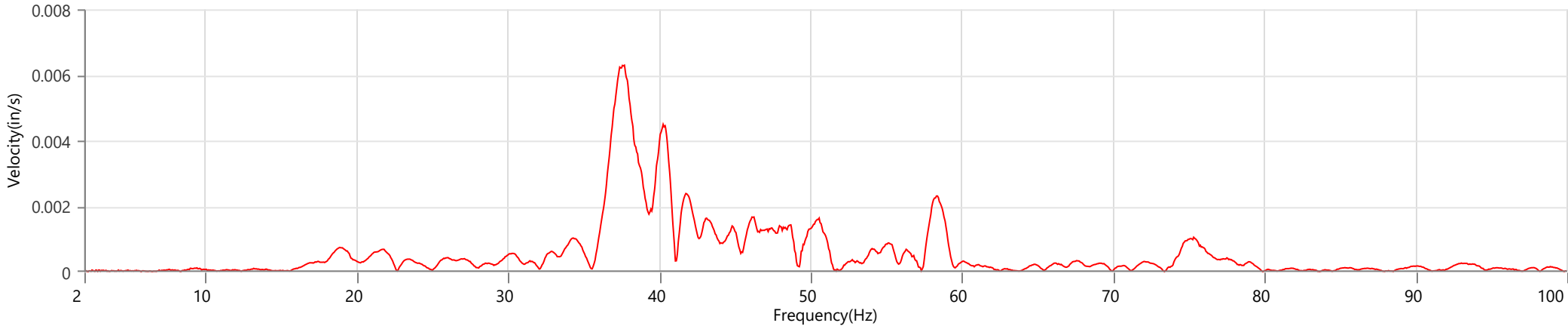
Waveform Trigger Source Long at April 18, 2025 11:00:51
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

Serial Number UM20529
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration February 14, 2025 by Instantel
Event File Name UM20529_20250418110051.IDFW
USB Sensor Support Disabled

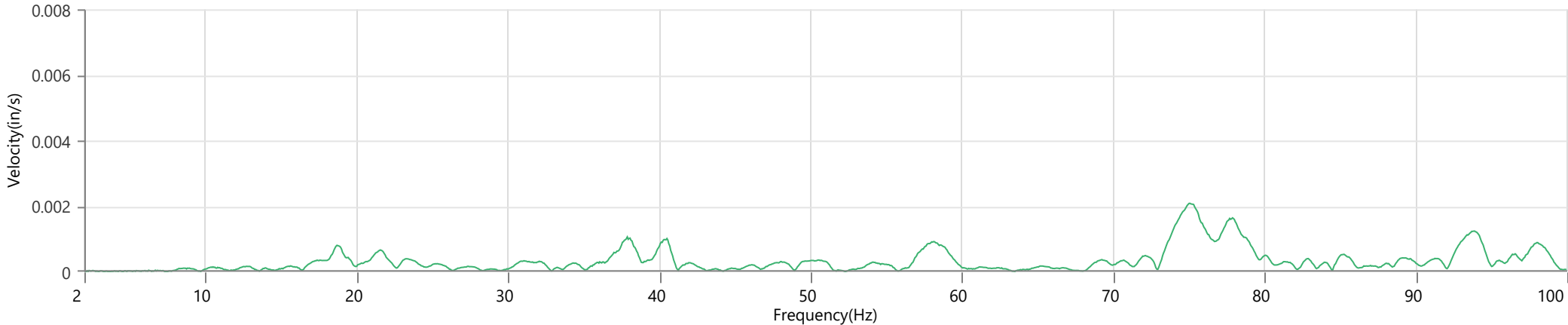
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

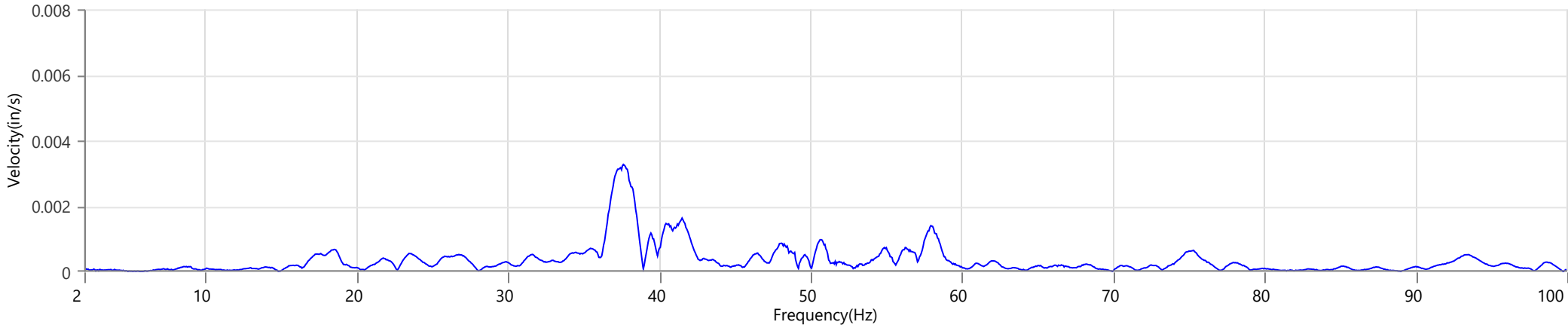
Tran - Dominant Frequency 37.7 Hz, Amplitude 0.0063 in/s (Peak Particle Velocity: 0.1831 in/s)



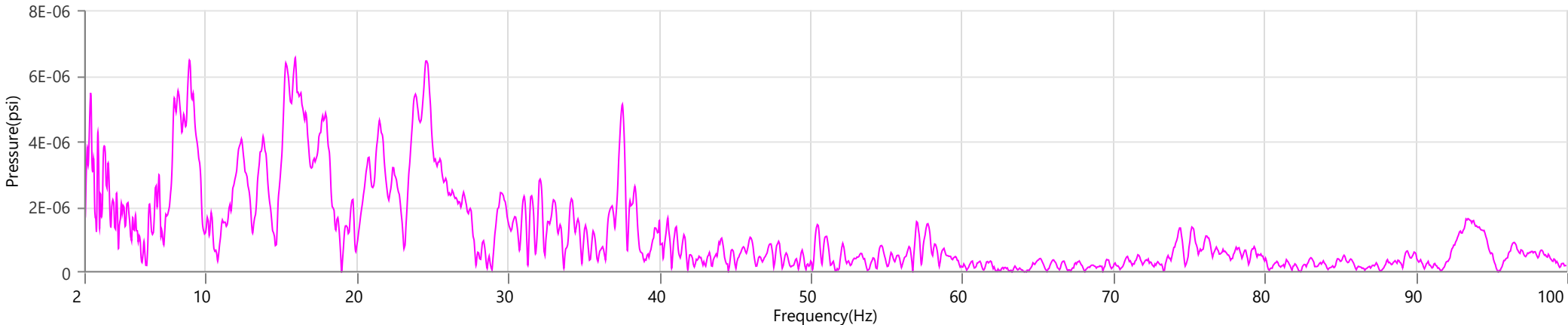
Vert - Dominant Frequency 75.1 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1300 in/s)



Long - Dominant Frequency 37.6 Hz, Amplitude 0.0033 in/s (Peak Particle Velocity: 0.1161 in/s)



Mic - Dominant Frequency 15.9 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000306 psi)



Waveform Trigger Source Long at April 18, 2025 11:00:51
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 UM22233
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration February 20, 2025 by Instantel
Event File Name UM22233_20250418110051.IDFW
USB Sensor Support Disabled

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

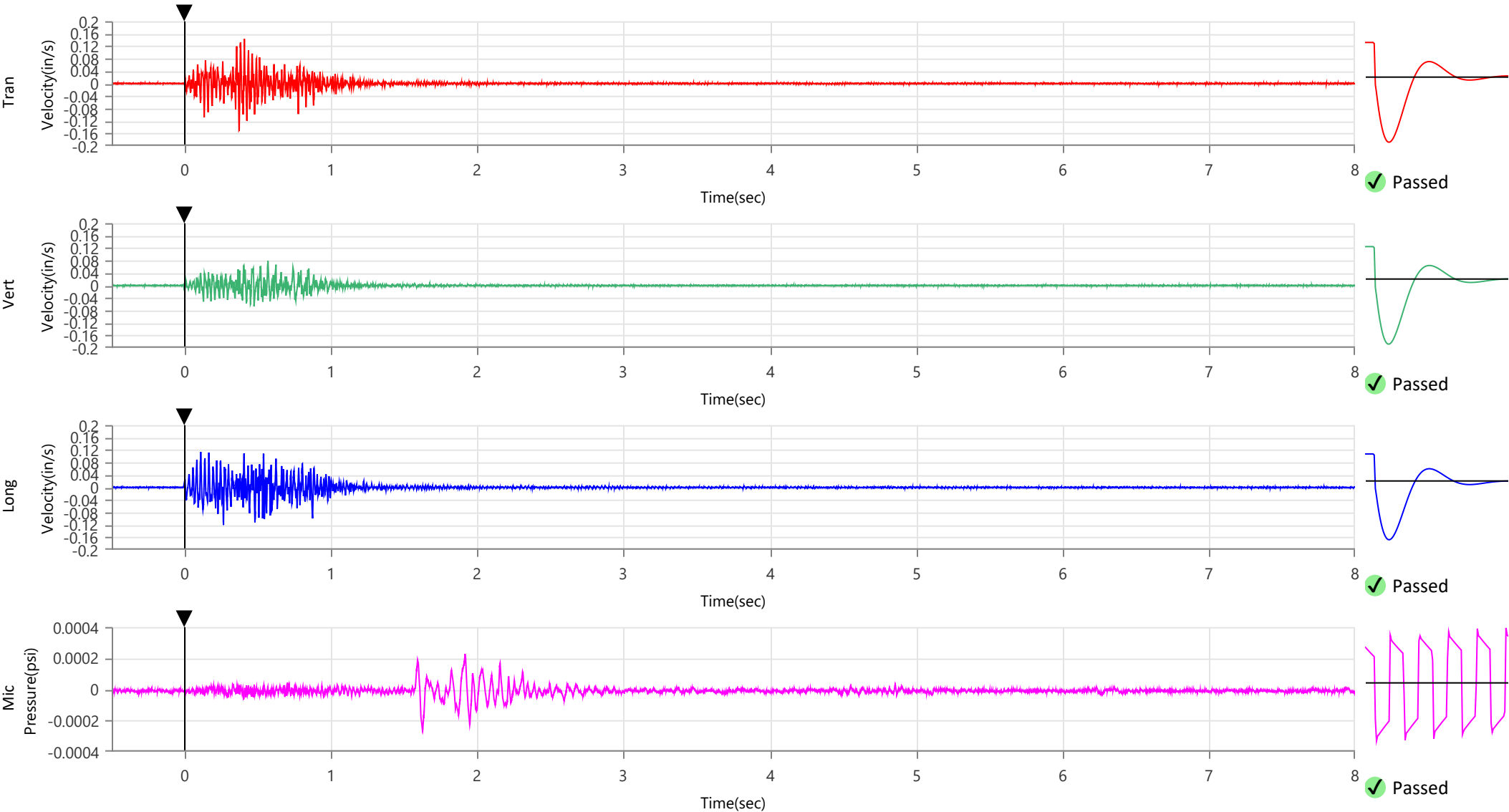
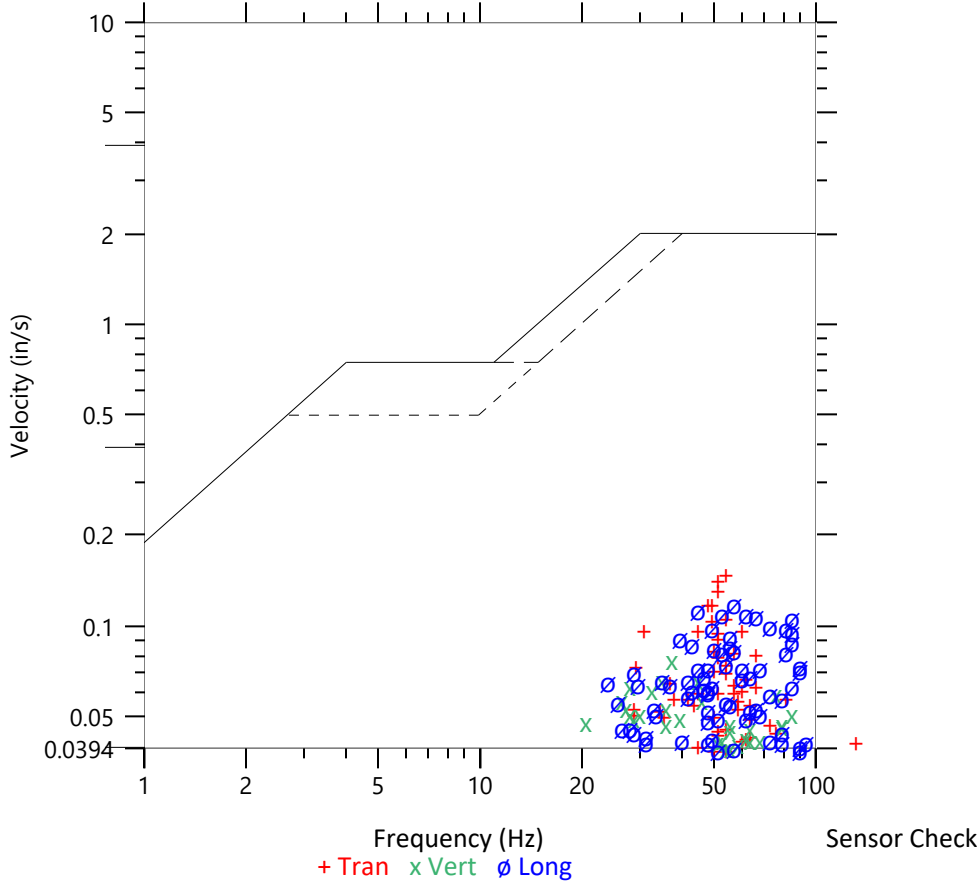
Extended Note N30.49821 W98.21578
Post Event Notes No text to be displayed.

Geophone
Peak Particle Velocity Tran 0.1517 in/s Vert 0.0788 in/s Long 0.1207 in/s
Zero Crossing Frequency 53.9 Hz 37.9 Hz 56.9 Hz
Time (Relative to Trigger) 0.372 sec 0.569 sec 0.265 sec
Peak Acceleration 0.132 g 0.112 g 0.148 g
Peak Displacement 0.000 in 0.000 in 0.000 in
Sensor Check Passed Passed Passed
Frequency 7.5 Hz 7.3 Hz 7.3 Hz
Overswing Ratio 4.1 4.8 4.7

Peak Vector Sum 0.1666 in/s at 0.406 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.000257 psi
Peak Sound Pressure Level 98.9 dB(L)
Time (Relative to Trigger) 1.624 sec
Zero Crossing Frequency 13.6 Hz
Sensor Check Passed
Frequency 20.5 Hz
Test Amplitude 1324 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



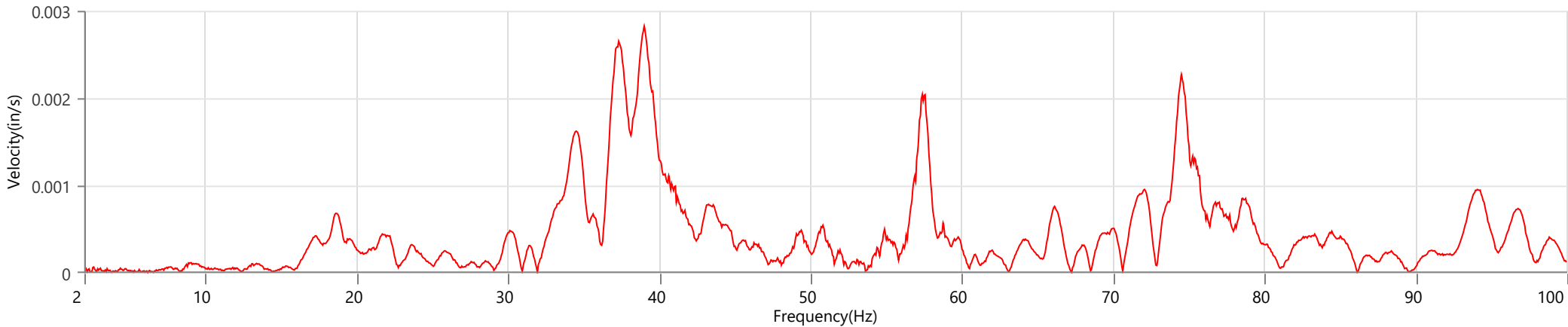
Waveform Trigger Source Long at April 18, 2025 11:00:51
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

Serial Number UM22233
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration February 20, 2025 by Instantel
Event File Name UM22233_20250418110051.IDFW
USB Sensor Support Disabled

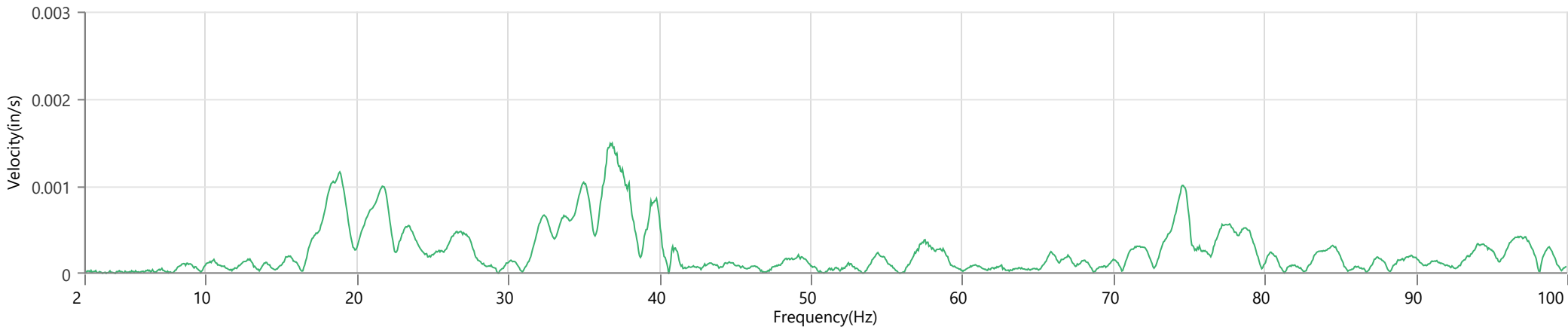
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

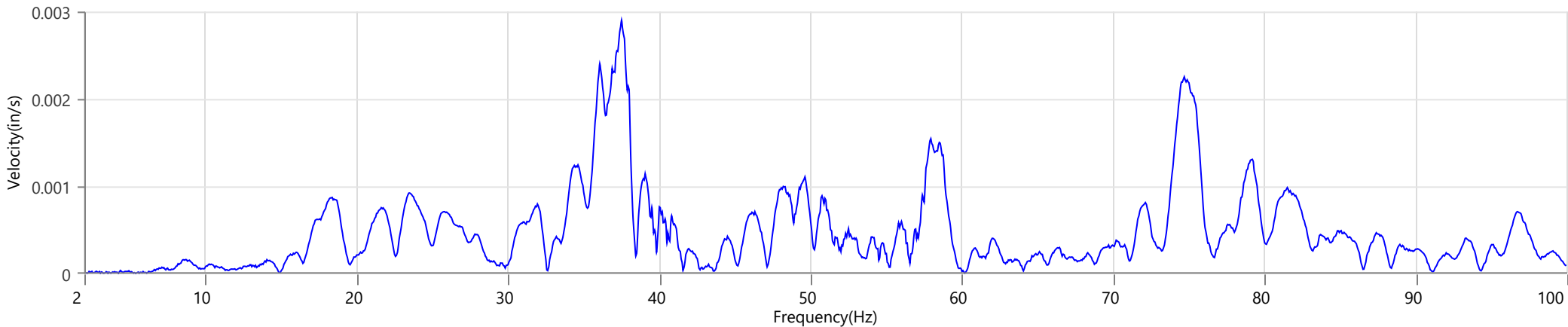
Tran - Dominant Frequency 39.0 Hz, Amplitude 0.0028 in/s (Peak Particle Velocity: 0.1517 in/s)



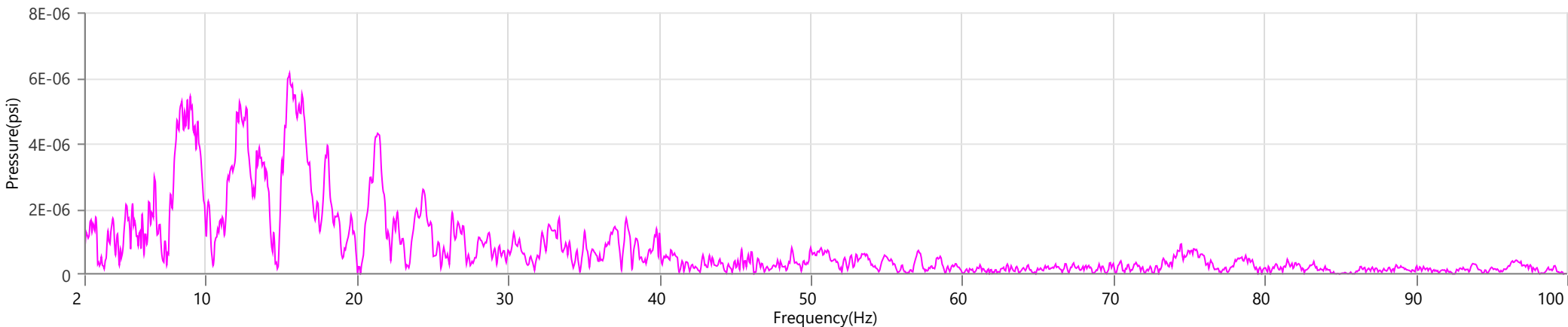
Vert - Dominant Frequency 36.9 Hz, Amplitude 0.0015 in/s (Peak Particle Velocity: 0.0788 in/s)



Long - Dominant Frequency 37.5 Hz, Amplitude 0.0029 in/s (Peak Particle Velocity: 0.1207 in/s)



Mic - Dominant Frequency 15.6 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000257 psi)



Waveform Trigger Source Long at April 18, 2025 11:00:52
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_20250418110052.IDFW
USB Sensor Support Disabled

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

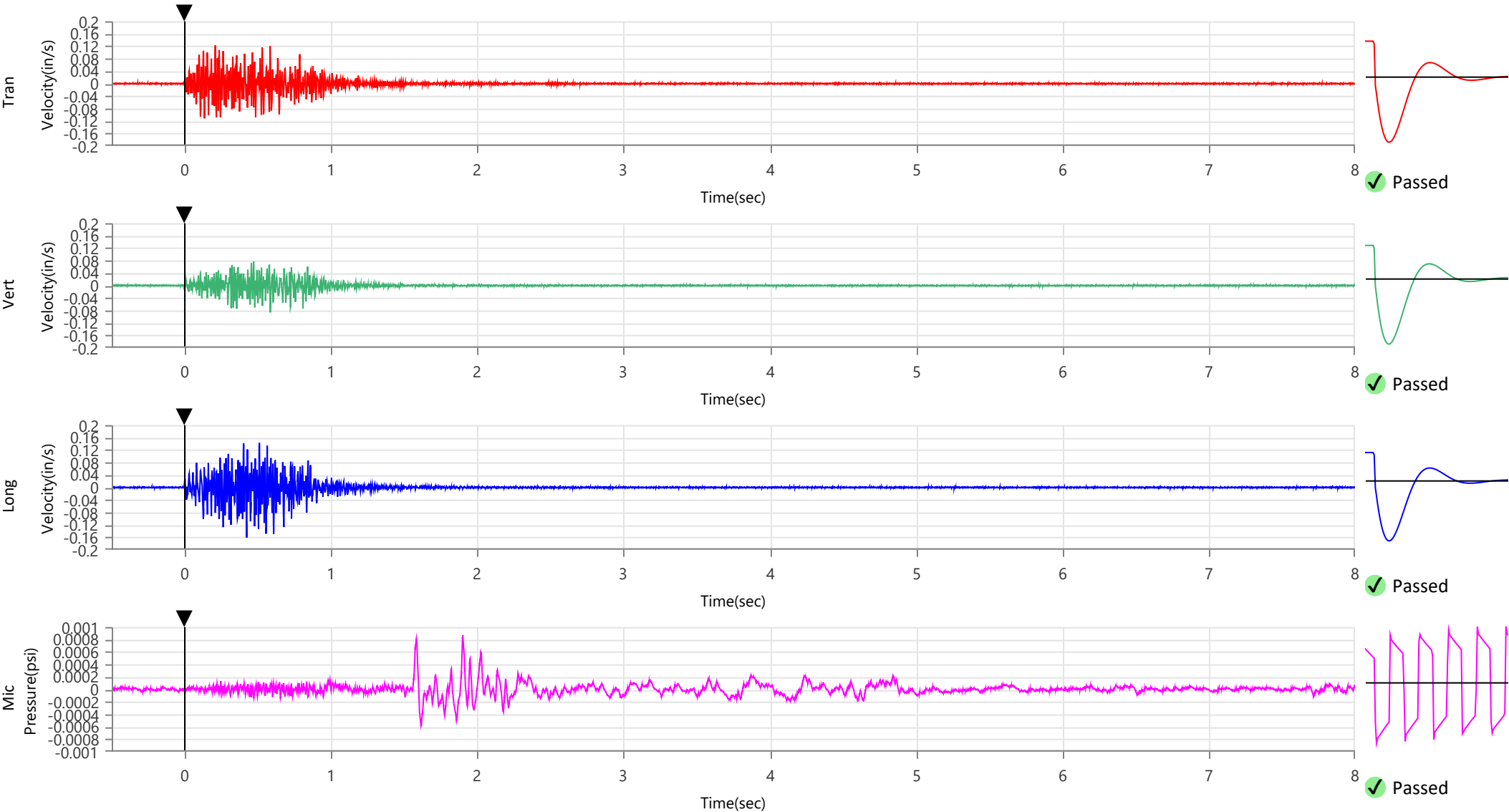
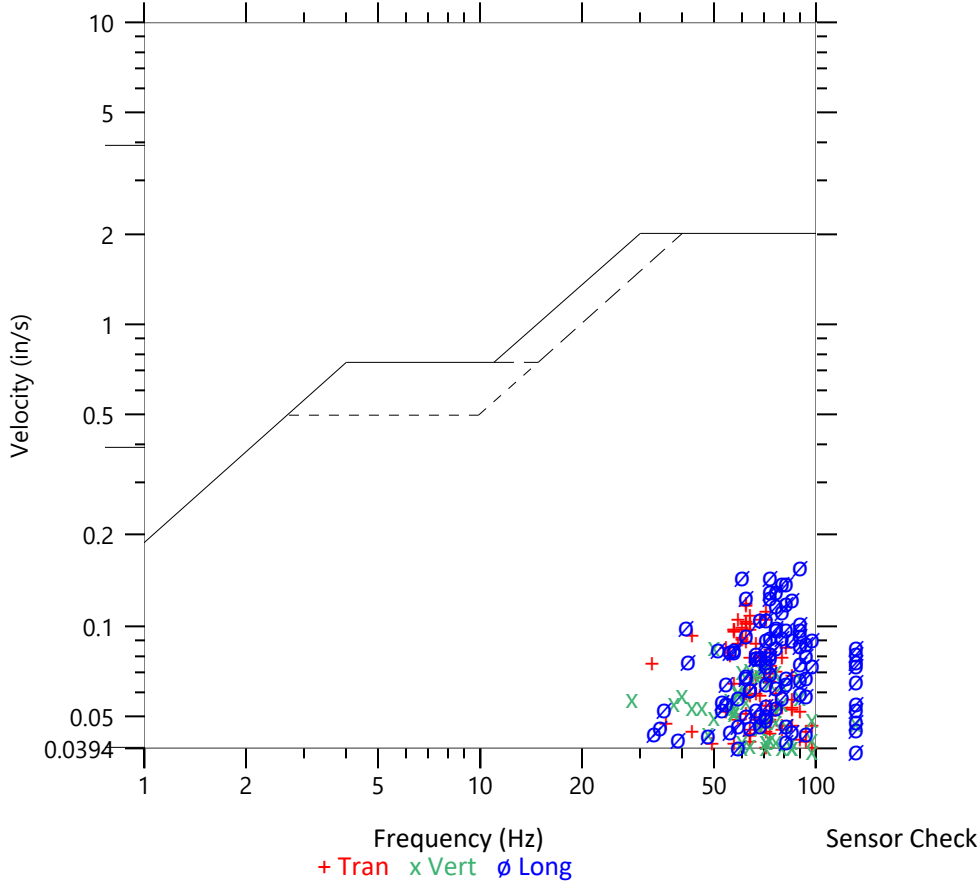
Extended Note N30.49911 W98.21538
Post Event Notes No text to be displayed.

Geophone
Peak Particle Velocity Tran 0.1223 in/s Vert 0.0866 in/s Long 0.1610 in/s
Zero Crossing Frequency 62.1 Hz 50.0 Hz 89.0 Hz
Time (Relative to Trigger) 0.209 sec 0.585 sec 0.423 sec
Peak Acceleration 0.158 g 0.118 g 0.224 g
Peak Displacement 0.000 in 0.000 in 0.000 in
Sensor Check ✓ Passed ✓ Passed ✓ Passed
Frequency 7.3 Hz 7.3 Hz 7.3 Hz
Overswing Ratio 4.4 4.2 4.6

Peak Vector Sum 0.1648 in/s at 0.262 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.000871 psi
Peak Sound Pressure Level 109.5 dB(L)
Time (Relative to Trigger) 1.901 sec
Zero Crossing Frequency 13.9 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1392 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



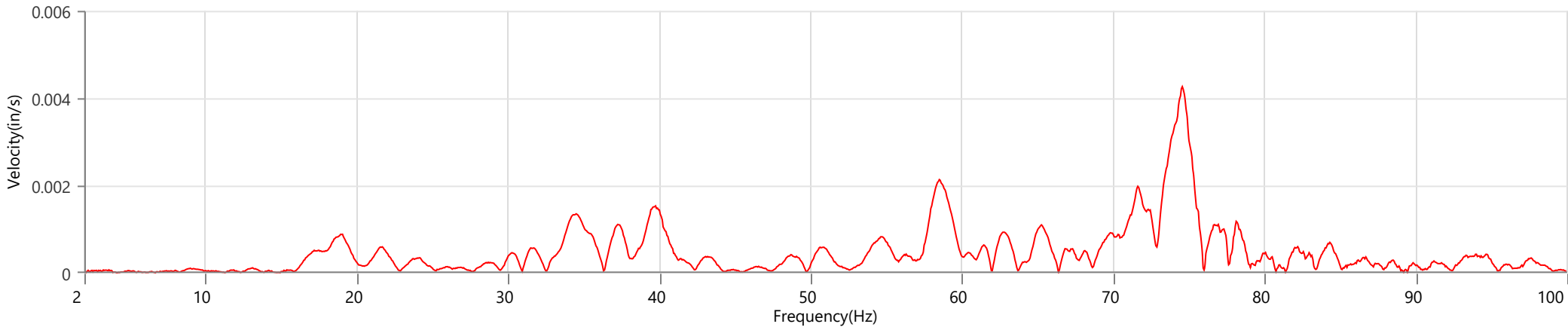
Waveform Trigger Source Long at April 18, 2025 11:00:52
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

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_20250418110052.IDFW
USB Sensor Support Disabled

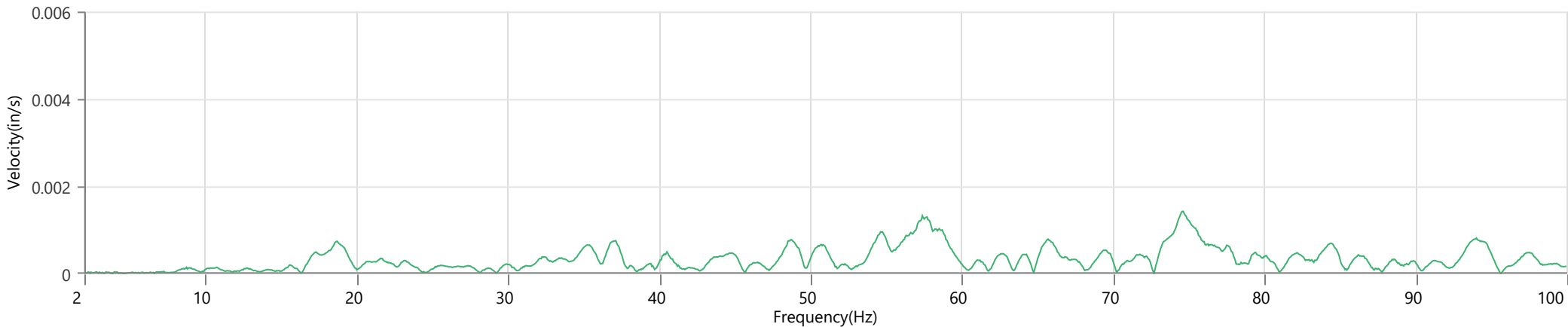
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

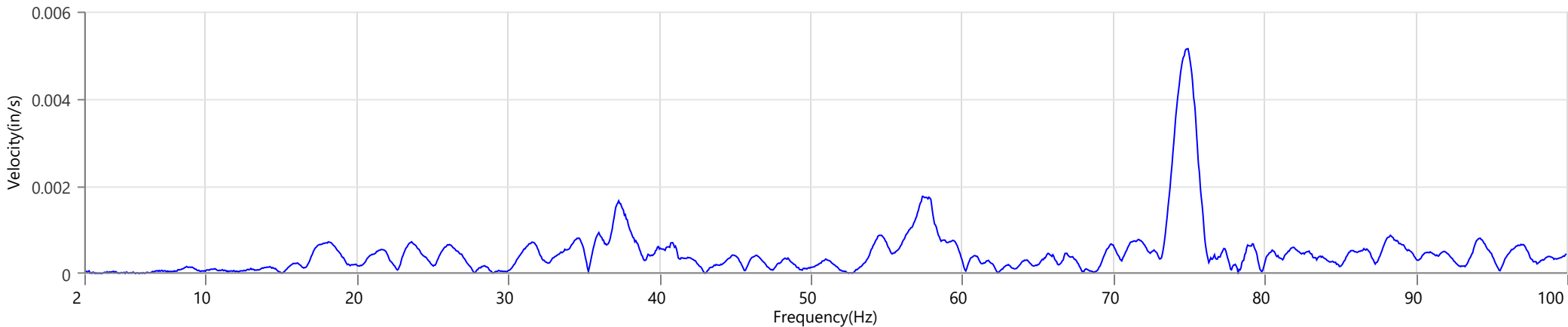
Tran - Dominant Frequency 74.6 Hz, Amplitude 0.0043 in/s (Peak Particle Velocity: 0.1223 in/s)



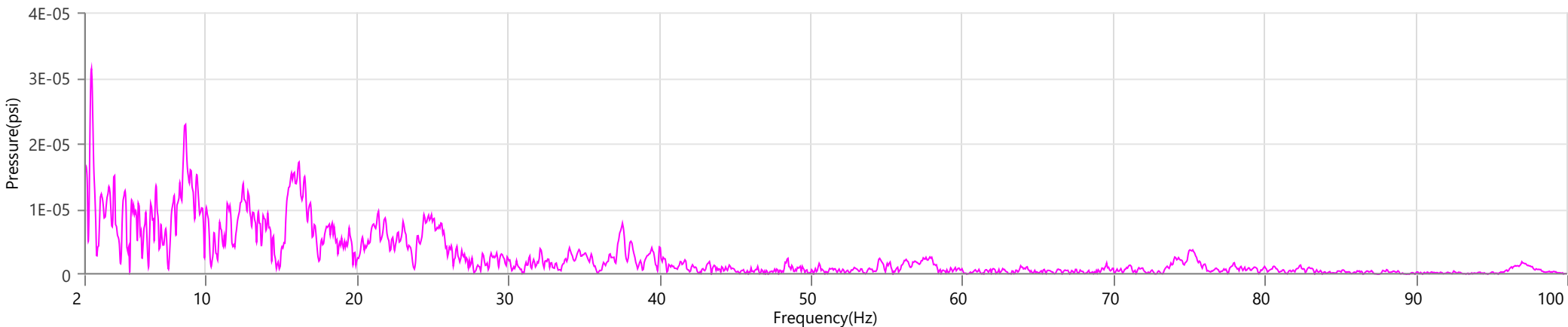
Vert - Dominant Frequency 74.6 Hz, Amplitude 0.0014 in/s (Peak Particle Velocity: 0.0866 in/s)



Long - Dominant Frequency 74.9 Hz, Amplitude 0.0052 in/s (Peak Particle Velocity: 0.1610 in/s)



Mic - Dominant Frequency 2.4 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000871 psi)



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

Tran at April 18, 2025 11:00:54
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.19 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_20250418110054.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

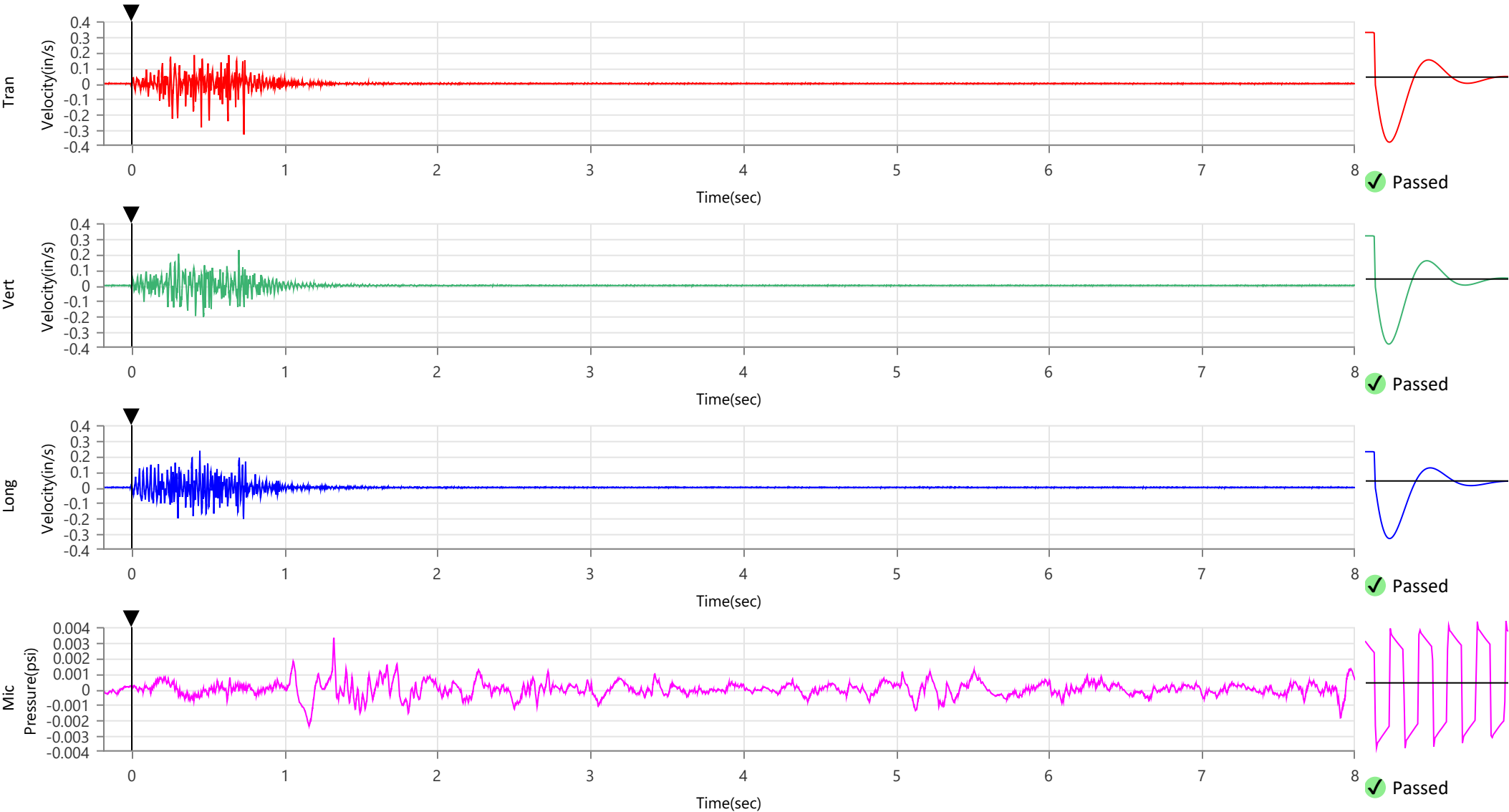
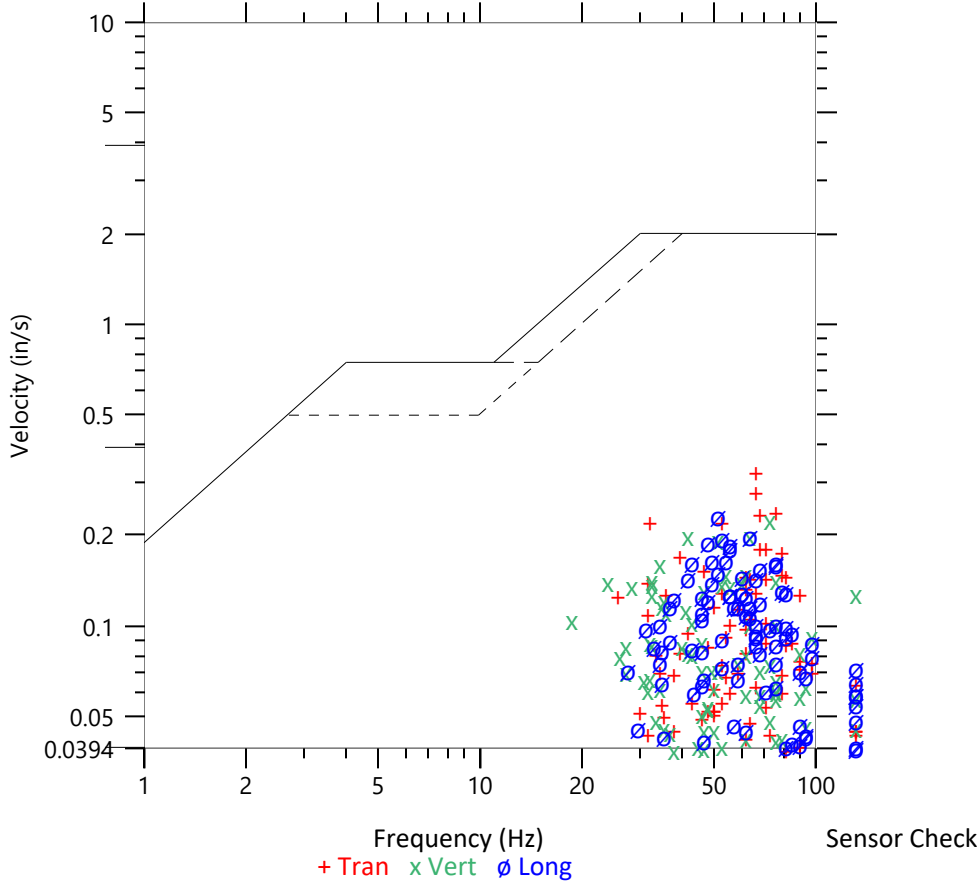
Tran	Vert	Long
0.3274 in/s	0.2278 in/s	0.2346 in/s
66.1 Hz	73.1 Hz	51.2 Hz
0.735 sec	0.703 sec	0.448 sec
0.349 g	0.250 g	0.247 g
0.001 in	0.001 in	0.001 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.7 Hz	7.1 Hz
3.7	3.5	4.3

Peak Vector Sum 0.3754 in/s at 0.735 sec

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

0.003310 psi
121.1 dB(L)
1.324 sec
3.6 Hz
✓ Passed
20.5 Hz
1318 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

Tran at April 18, 2025 11:00:54
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
0.19 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

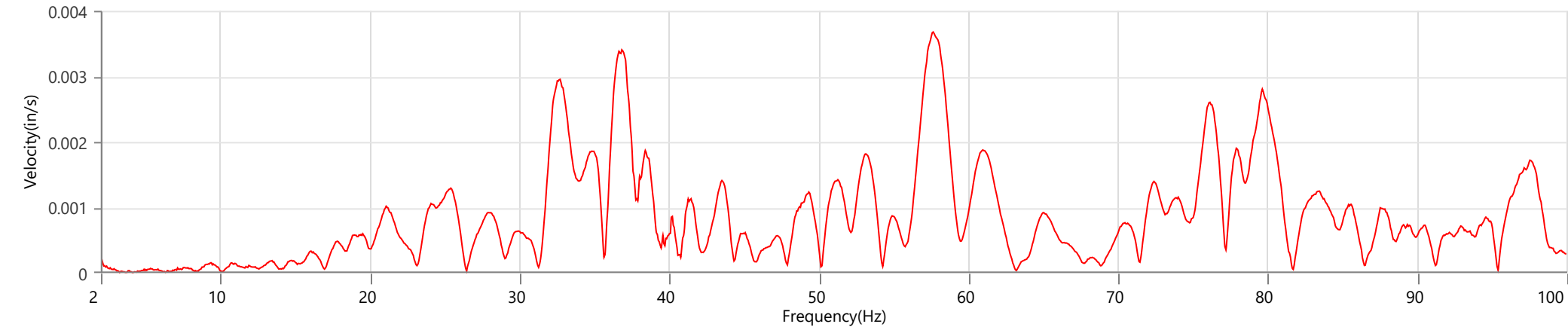
UM11400
Micromate ISEE 11.0AK
3.8 volts
May 21, 2024 by Instantel
UM11400_20250418110054.IDFW
Disabled

Notes
Location
Client
Company
General Notes

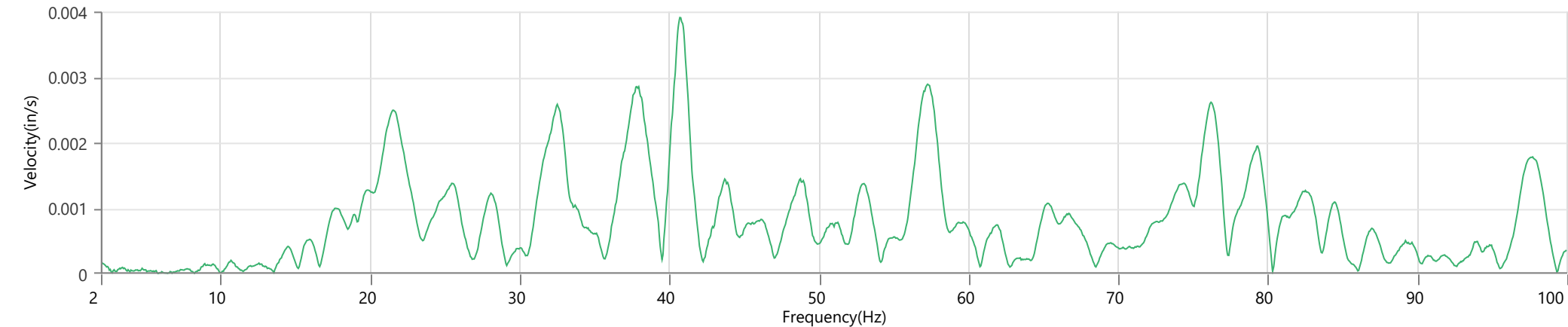
Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

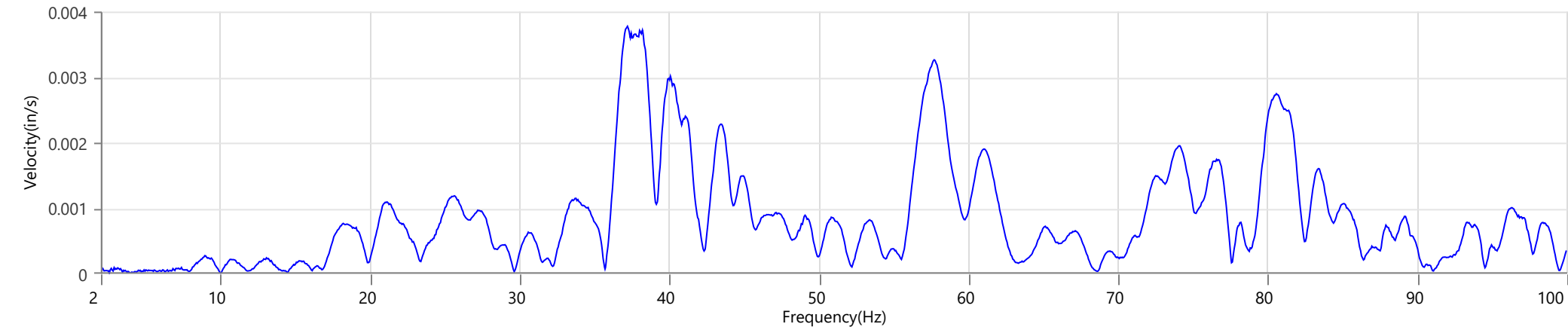
Tran - Dominant Frequency 57.6 Hz, Amplitude 0.0037 in/s (Peak Particle Velocity: 0.3274 in/s)



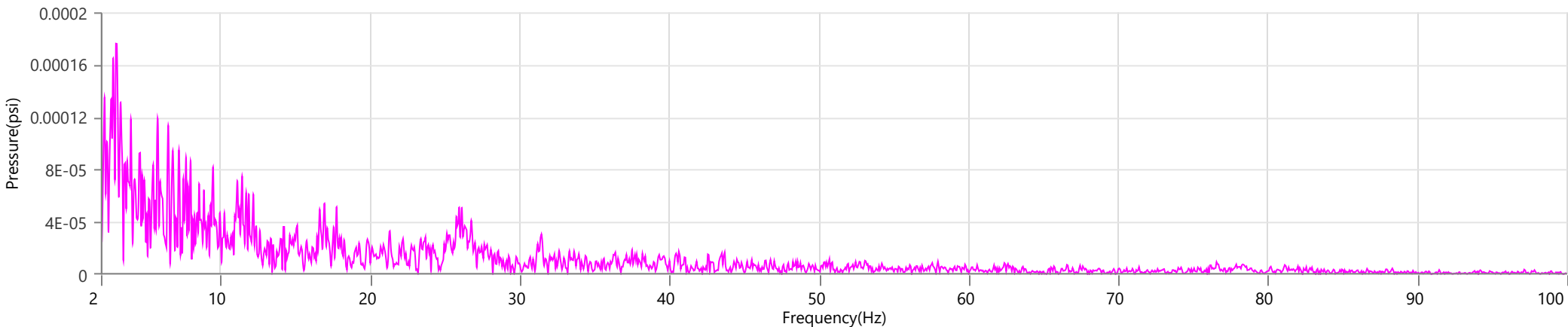
Vert - Dominant Frequency 40.7 Hz, Amplitude 0.0039 in/s (Peak Particle Velocity: 0.2278 in/s)



Long - Dominant Frequency 37.2 Hz, Amplitude 0.0038 in/s (Peak Particle Velocity: 0.2346 in/s)



Mic - Dominant Frequency 3.0 Hz, Amplitude 0.00018 psi (Peak Sound Pressure Level: 0.003310 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

April 18, 2025 00:00:05

April 18, 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_20250418000005.IDFH

Disabled

Notes

Location

Client

Company

General Notes

Noise 2

Spicewood Crushed Stone

Hwy 71 Quarry

IGS, Inc.

Extended Note Station 5N30.49911 W98.21538

Post Event Notes No text to be displayed.

Sound Level Microphone

LMax

Date

Time

Sound(dB(A))

Sensor Check

Test Amplitude

A-Weight Slow

78.0 dB(A)

Apr 18, 2025

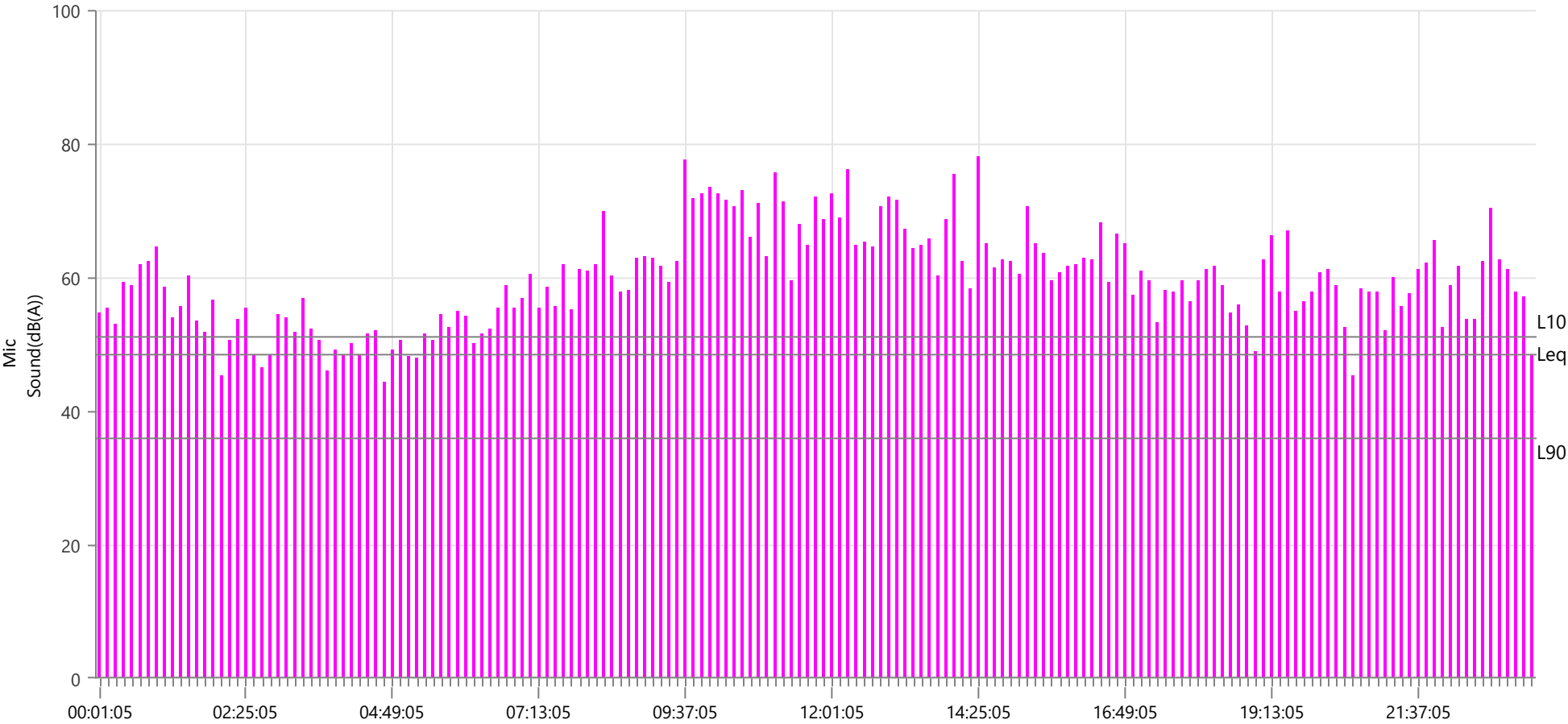
14:31:05

LMin L10 L90 Leq

31.2 51 36 48.4

✓ Passed

1030 mv





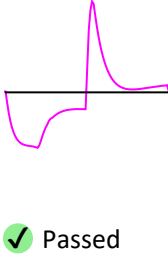
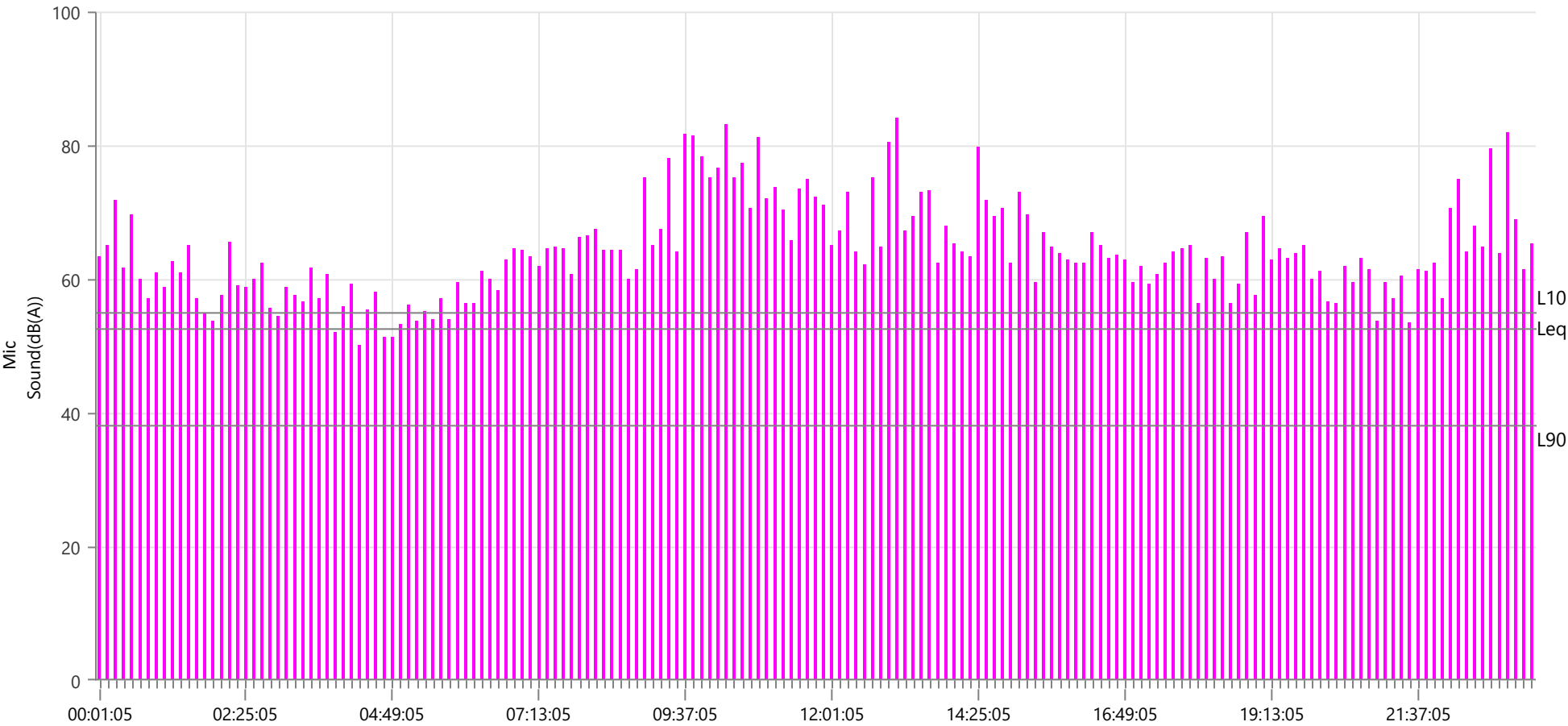
Start April 18, 2025 00:00:05
Finish April 18, 2025 23:29:59
Number of Intervals/Interval 1409.91/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

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_20250418000005.IDFH
USB Sensor Support Disabled

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

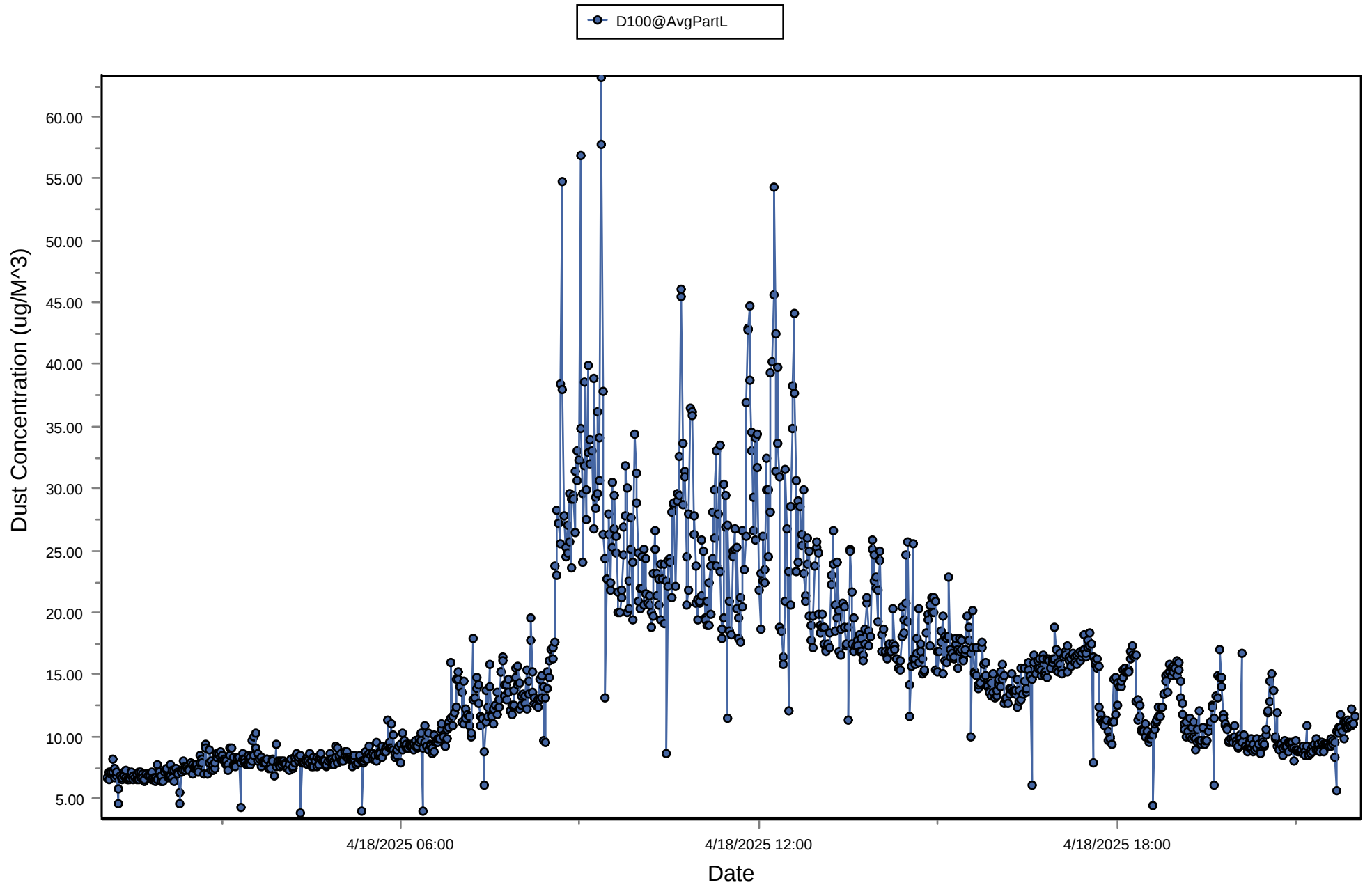
Extended Note N30.490958 W98.213495
Post Event Notes No text to be displayed.

Sound Level Microphone
LMax 84.1 dB(A)
Date Apr 18, 2025
Time 13:05:05
LMin 30.4 L10 55 L90 38 Leq 52.6
Sensor Check Passed
Test Amplitude 1098 mv



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

