

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

Vert at October 17, 2025 11:15:45
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

UM20529
Micromate ISEE 11.0AK
3.8 volts
February 14, 2025 by Instantel
UM20529_20251017111545.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.

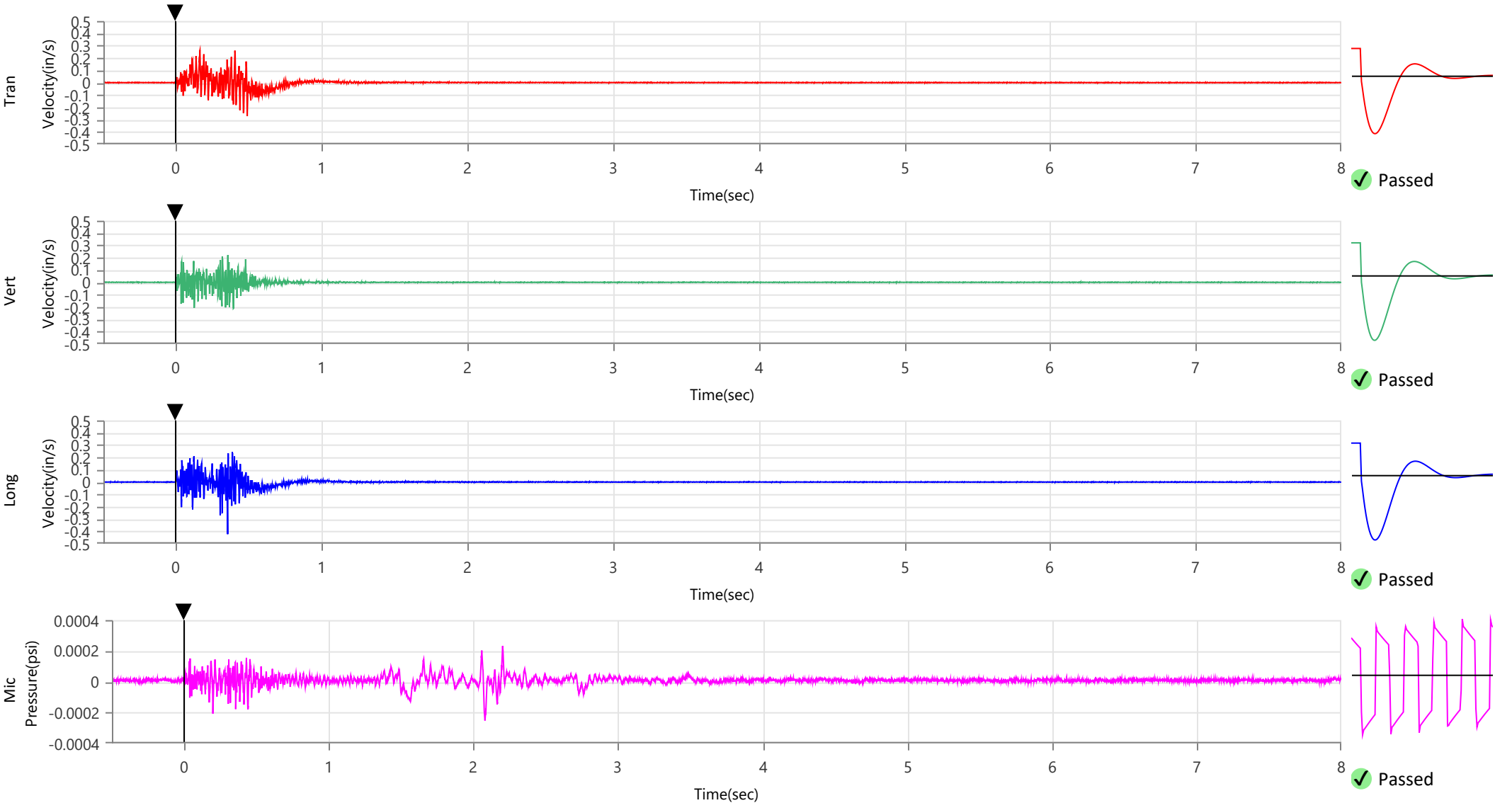
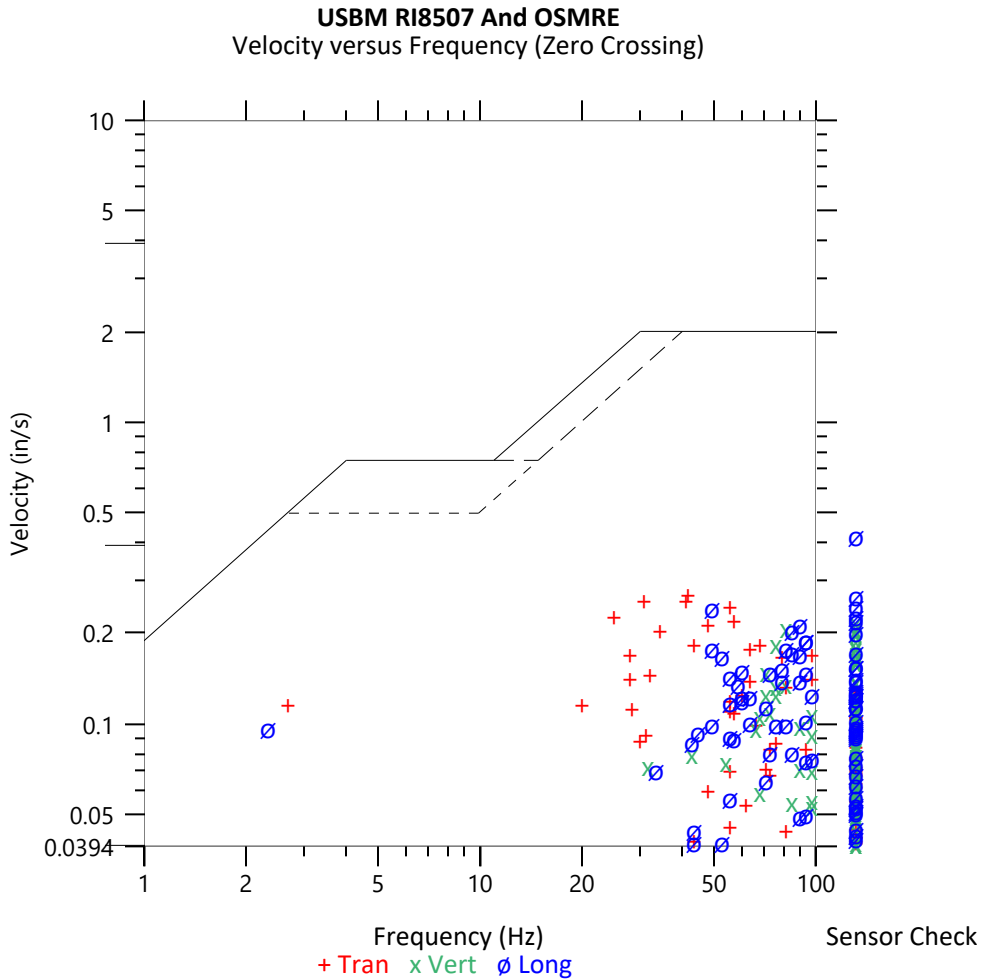
Geophone
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

Tran	Vert	Long
0.2721 in/s	0.2209 in/s	0.4233 in/s
41.8 Hz	>100 Hz	>100 Hz
0.488 sec	0.355 sec	0.354 sec
0.296 g	0.569 g	0.875 g
0.005 in	0.000 in	0.004 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.5 Hz	7.3 Hz
4.6	4.4	4.4

Peak Vector Sum 0.4601 in/s at 0.354 sec

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

0.000252 psi
98.8 dB(L)
2.080 sec
19.1 Hz
✓ Passed
20.5 Hz
1370 mv



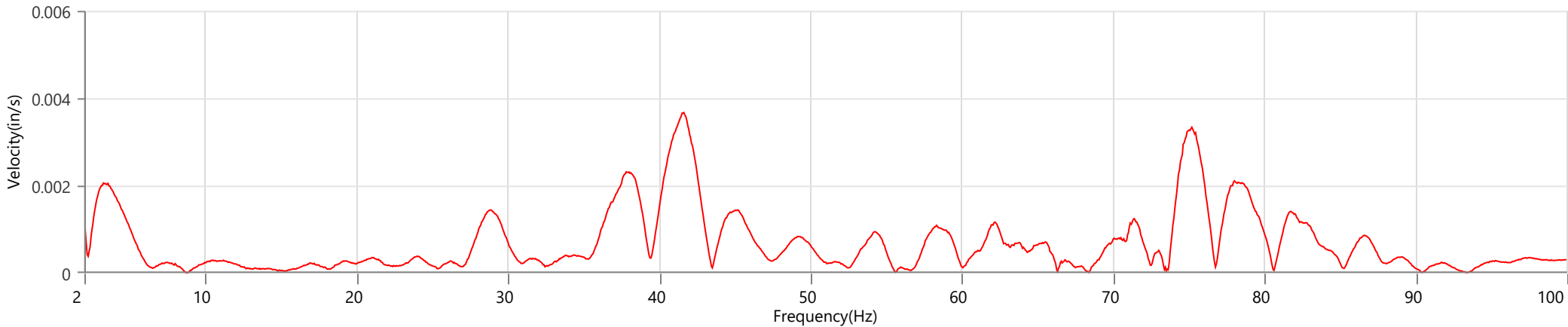
Waveform Trigger Source Vert at October 17, 2025 11:15:45
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20251017111545.IDFW
USB Sensor Support Disabled

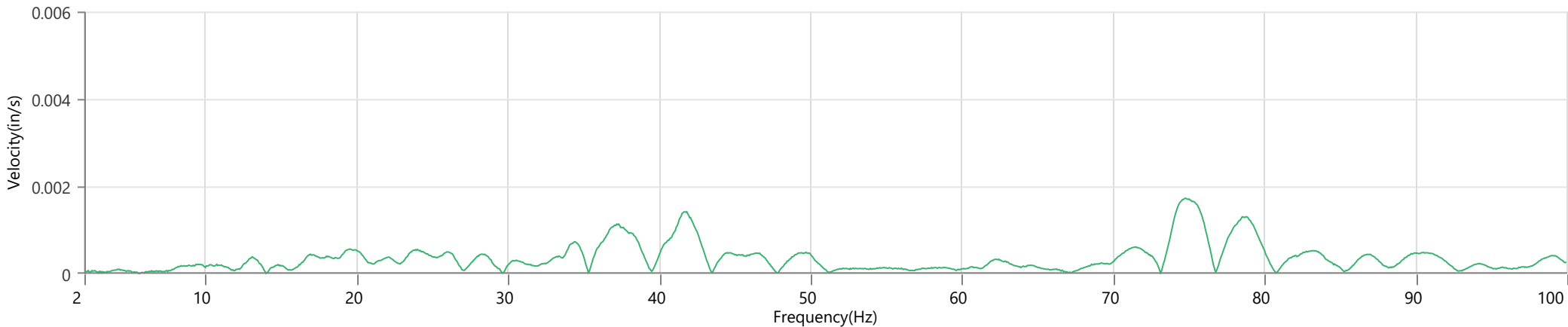
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

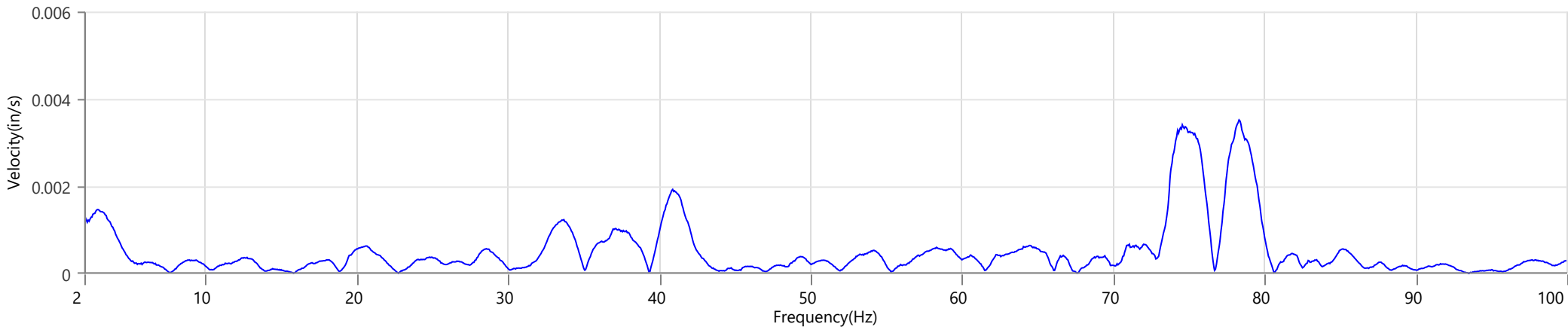
Tran - Dominant Frequency 41.6 Hz, Amplitude 0.0037 in/s (Peak Particle Velocity: 0.2721 in/s)



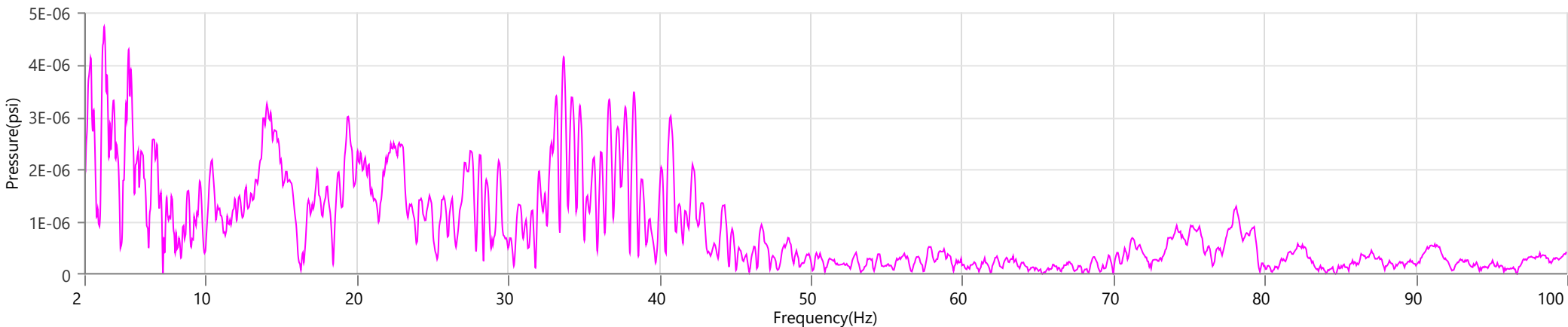
Vert - Dominant Frequency 74.8 Hz, Amplitude 0.0017 in/s (Peak Particle Velocity: 0.2209 in/s)



Long - Dominant Frequency 78.3 Hz, Amplitude 0.0035 in/s (Peak Particle Velocity: 0.4233 in/s)



Mic - Dominant Frequency 3.3 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000252 psi)



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

Vert at October 17, 2025 11:15:44
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

UM22233
Micromate ISEE 11.0AK
3.8 volts
February 20, 2025 by Instantel
UM22233_20251017111544.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

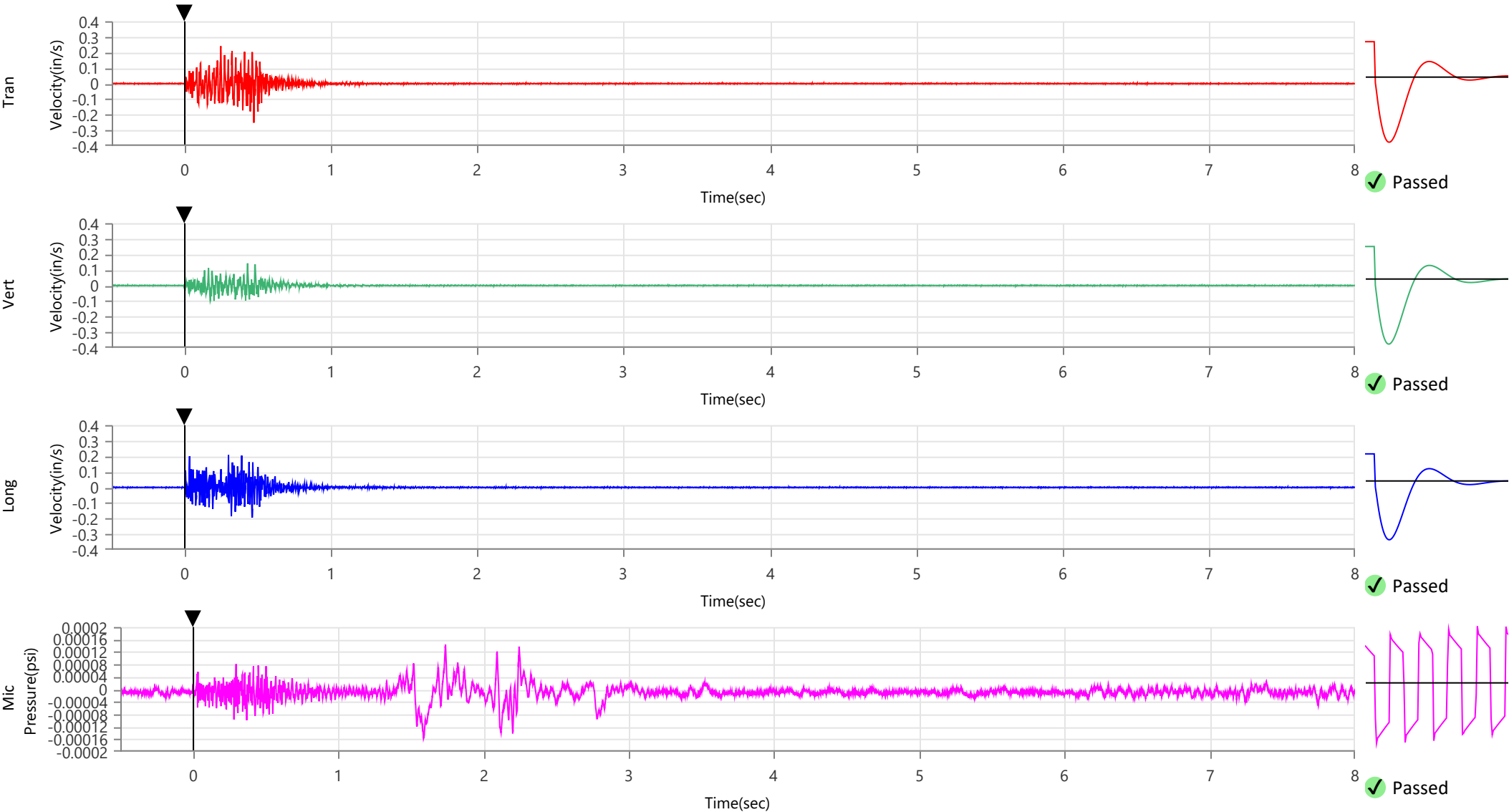
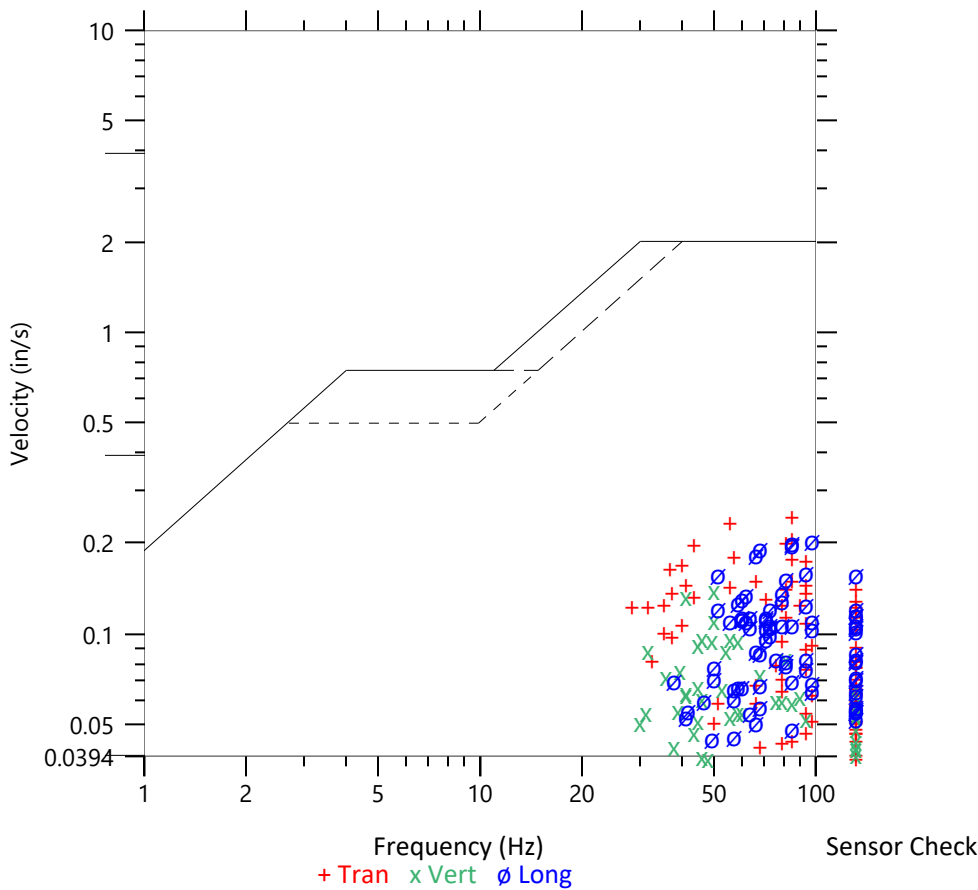
Tran	Vert	Long
0.2513 in/s	0.1421 in/s	0.2076 in/s
85.3 Hz	50.0 Hz	97.5 Hz
0.472 sec	0.429 sec	0.299 sec
0.342 g	0.158 g	0.359 g
0.001 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	7.3 Hz
4.1	4.7	4.7

Peak Vector Sum 0.2852 in/s at 0.460 sec

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

0.000158 psi
94.7 dB(L)
1.588 sec
4.0 Hz
✓ Passed
20.5 Hz
1366 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



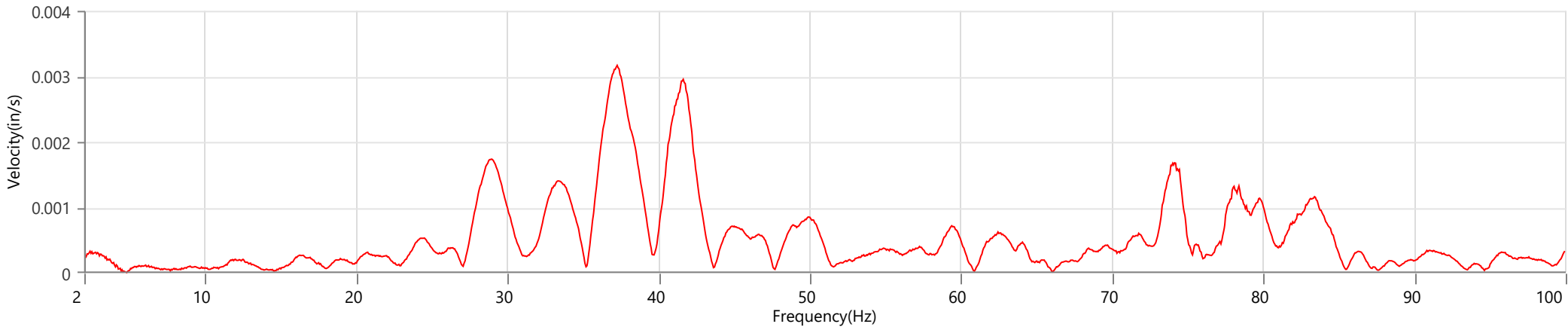
Waveform Trigger Source Vert at October 17, 2025 11:15:44
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

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_20251017111544.IDFW
USB Sensor Support Disabled

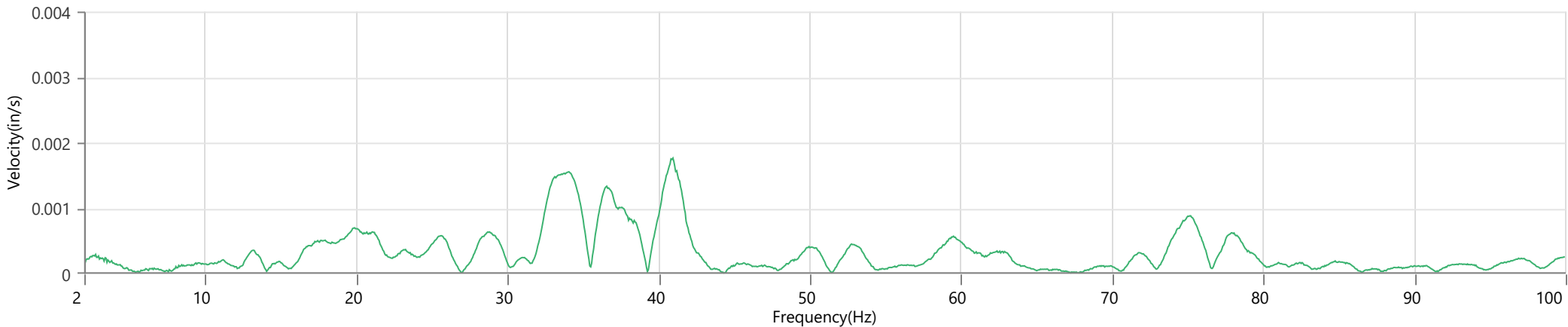
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

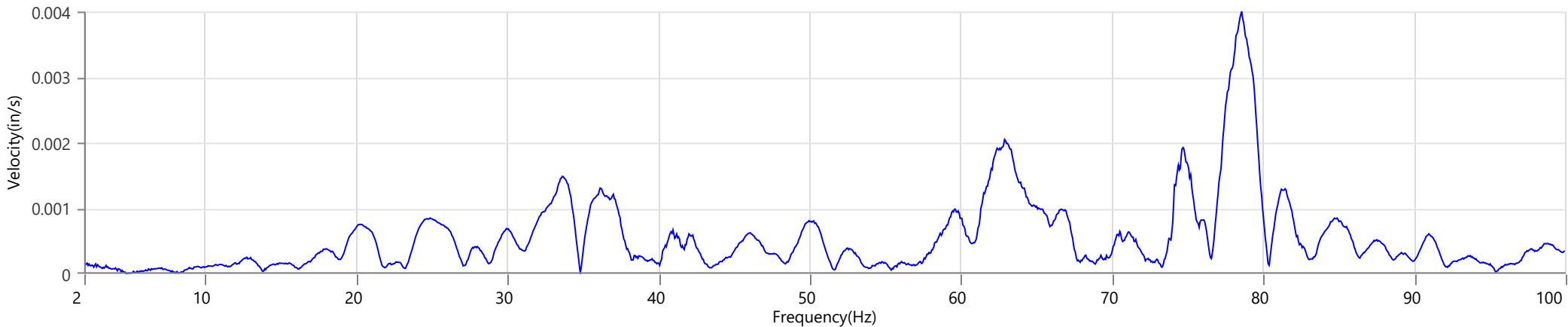
Tran - Dominant Frequency 37.2 Hz, Amplitude 0.0032 in/s (Peak Particle Velocity: 0.2513 in/s)



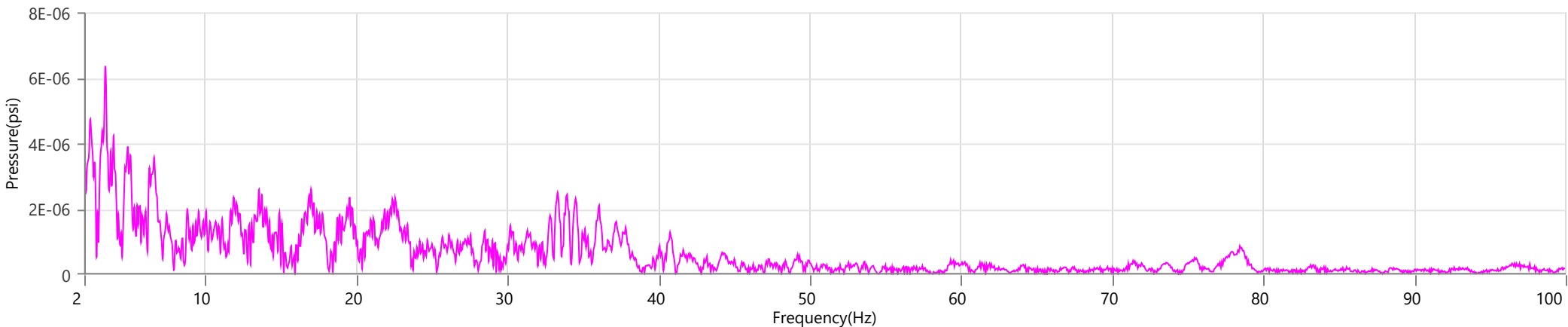
Vert - Dominant Frequency 40.9 Hz, Amplitude 0.0018 in/s (Peak Particle Velocity: 0.1421 in/s)



Long - Dominant Frequency 78.6 Hz, Amplitude 0.0040 in/s (Peak Particle Velocity: 0.2076 in/s)



Mic - Dominant Frequency 3.4 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000158 psi)



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

Vert at October 17, 2025 11:15:45
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 5.mmb
Operator

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

UM9228
Micromate ISEE 11.0AK
3.8 volts
April 24, 2025 by Instantel
UM9228_20251017111545.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49911 W98.21538
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
0.2939 in/s
>100 Hz
0.369 sec
0.471 g
0.001 in
✓ Passed
7.3 Hz
3.4

Vert
0.1915 in/s
78.8 Hz
0.177 sec
0.336 g
0.000 in
✓ Passed
7.7 Hz
3.5

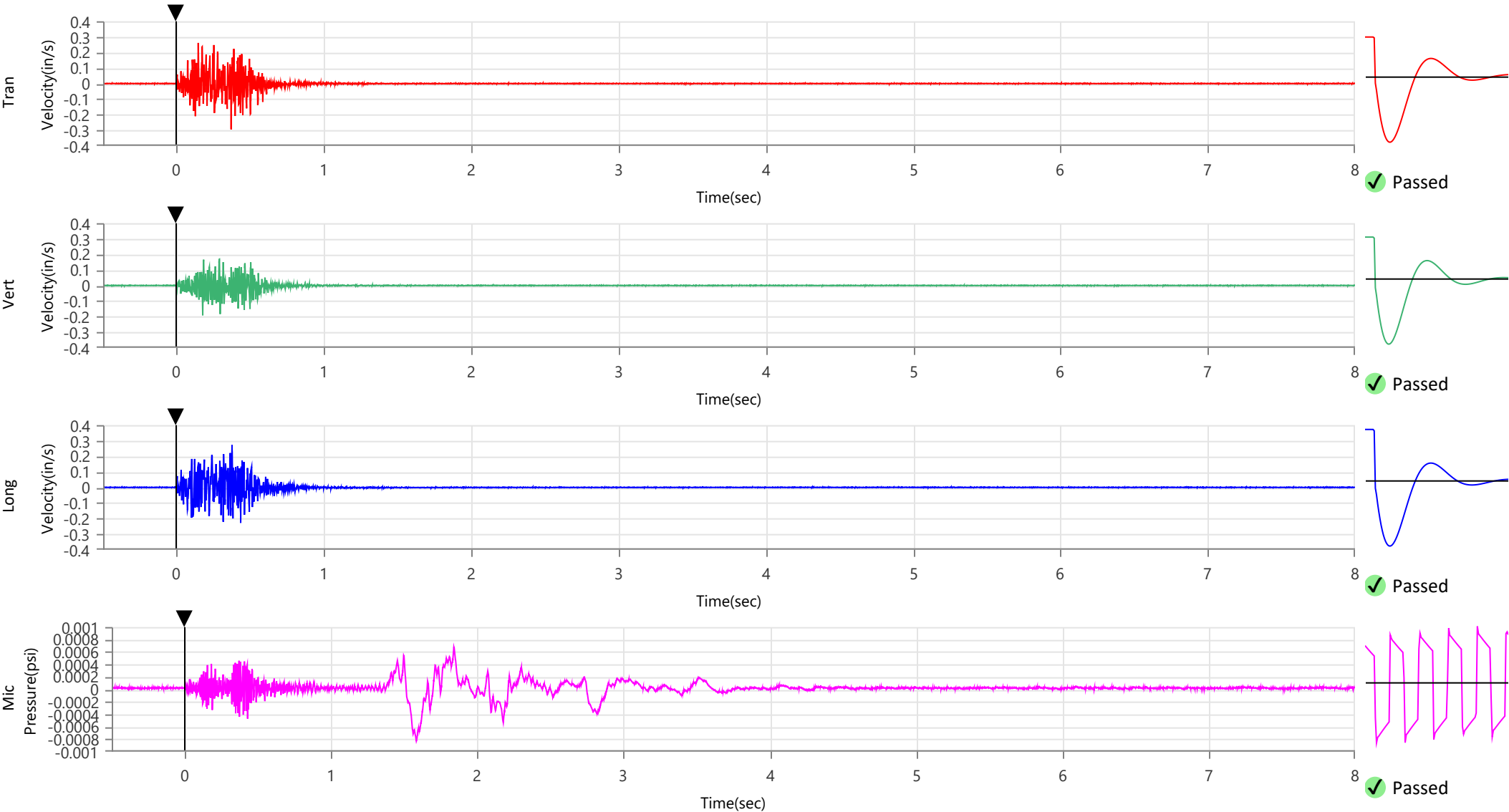
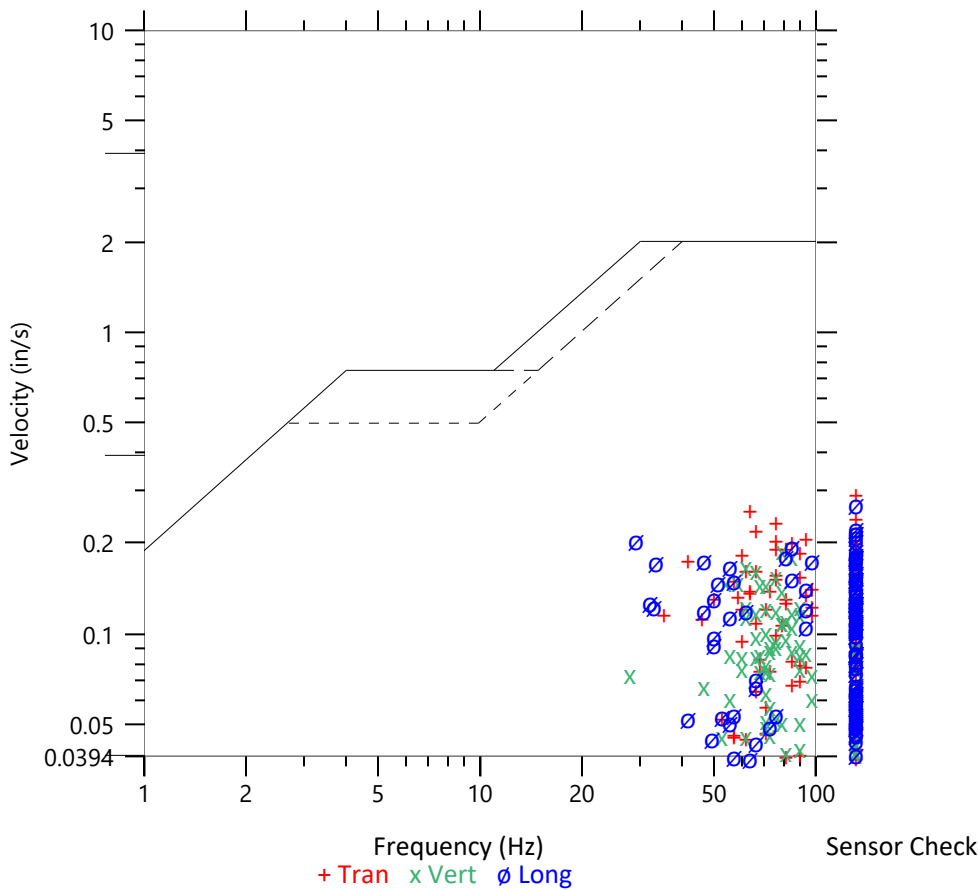
Long
0.2718 in/s
>100 Hz
0.376 sec
0.559 g
0.001 in
✓ Passed
7.3 Hz
3.6

Peak Vector Sum
0.3398 in/s at 0.370 sec

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

0.000830 psi
109.1 dB(L)
1.583 sec
3.5 Hz
✓ Passed
19.7 Hz
1358 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



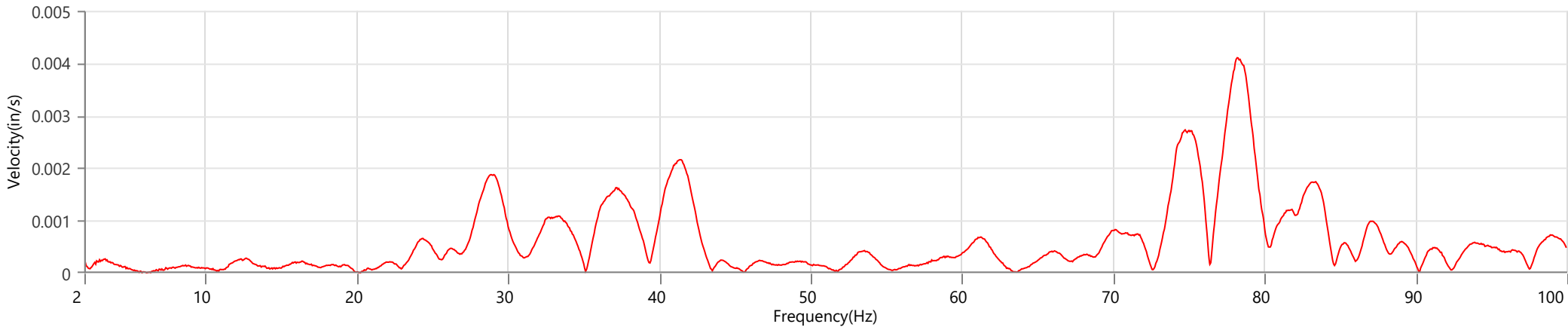
Waveform Trigger Source Vert at October 17, 2025 11:15:45
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

Serial Number UM9228
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration April 24, 2025 by Instantel
Event File Name UM9228_20251017111545.IDFW
USB Sensor Support Disabled

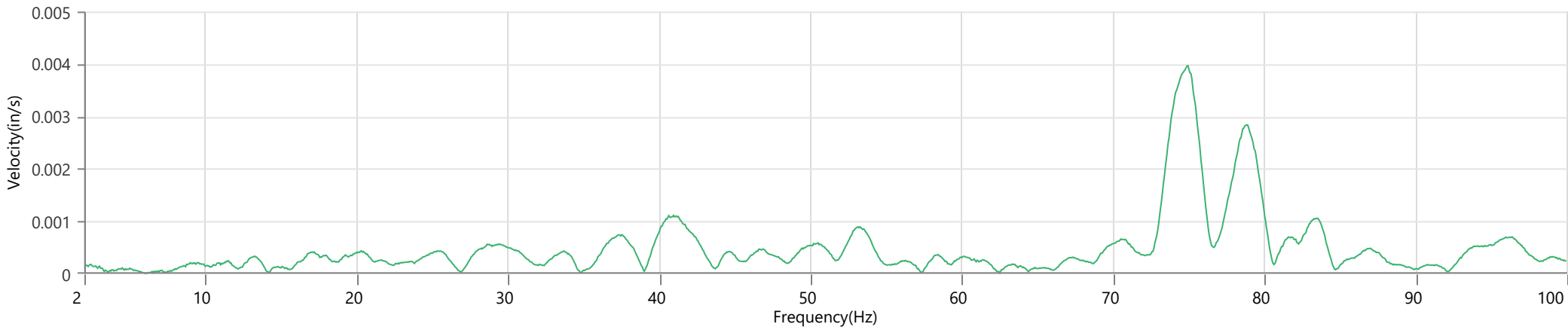
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

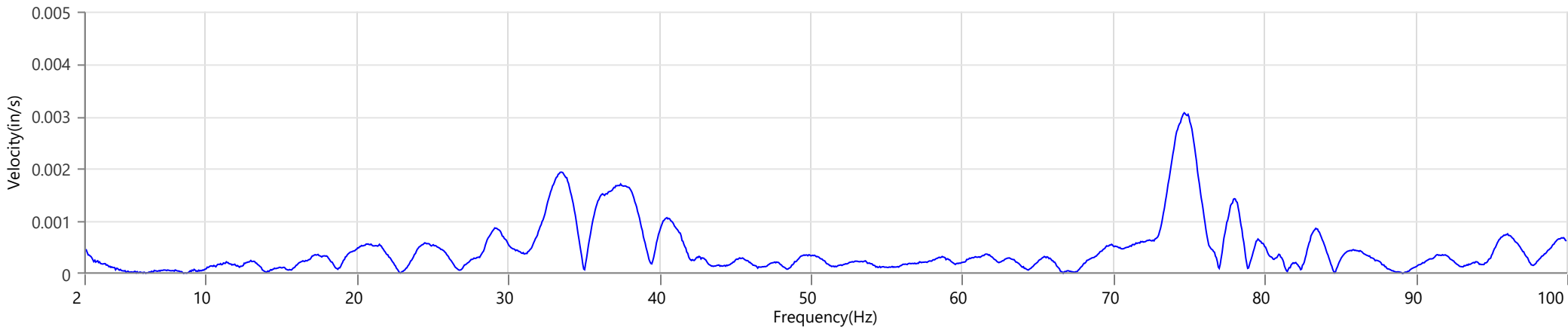
Tran - Dominant Frequency 78.2 Hz, Amplitude 0.0041 in/s (Peak Particle Velocity: 0.2939 in/s)



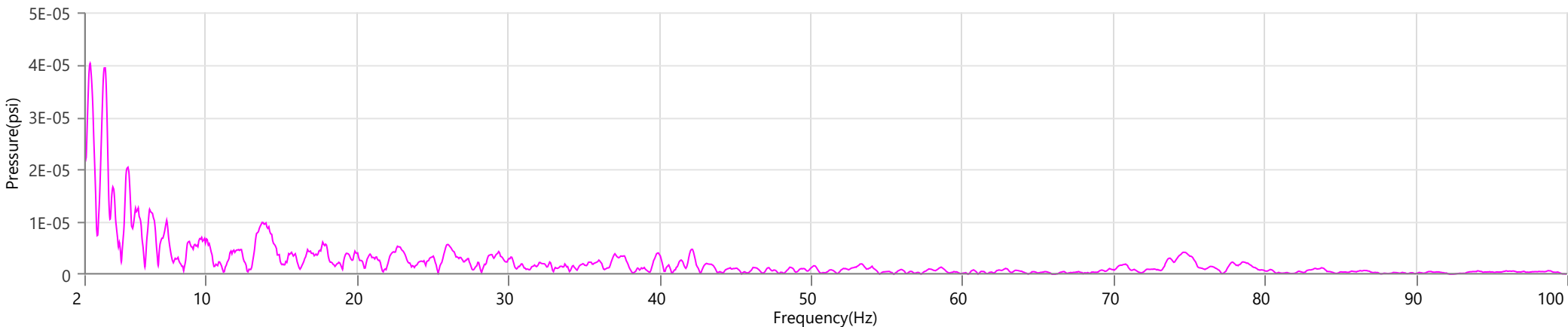
Vert - Dominant Frequency 74.9 Hz, Amplitude 0.0040 in/s (Peak Particle Velocity: 0.1915 in/s)



Long - Dominant Frequency 74.7 Hz, Amplitude 0.0031 in/s (Peak Particle Velocity: 0.2718 in/s)



Mic - Dominant Frequency 2.4 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.000830 psi)



Waveform Trigger Source Long at October 17, 2025 11:15:44
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 UM6470
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 1, 2025 by Instantel
Event File Name UM6470_20251017111544.IDFW
USB Sensor Support Disabled

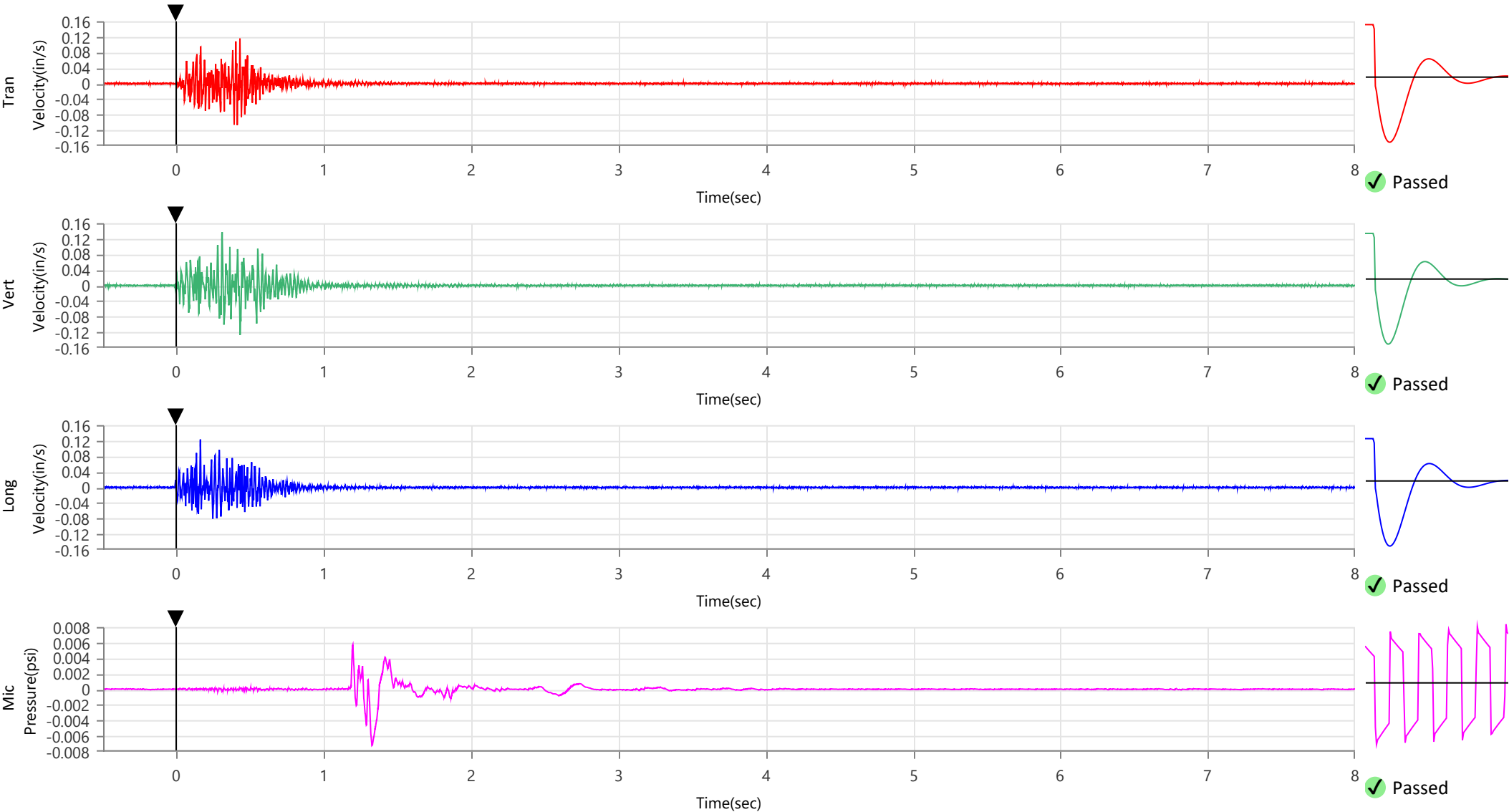
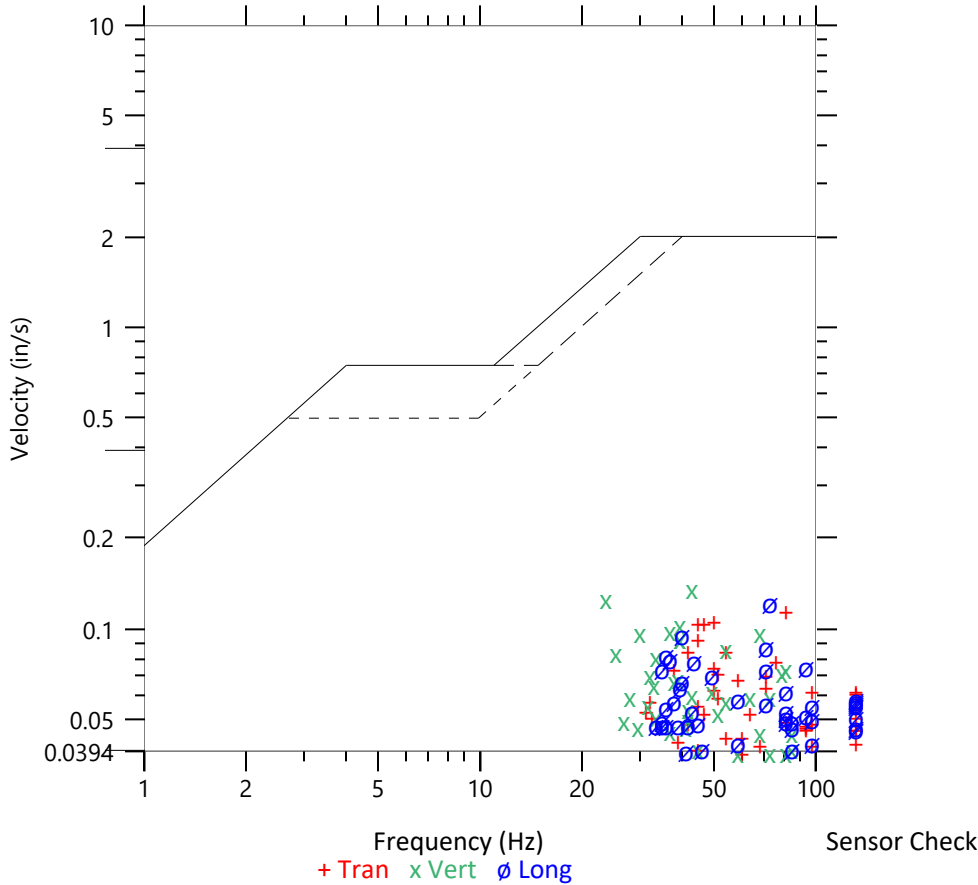
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1157 in/s	0.1372 in/s	0.1232 in/s
Zero Crossing Frequency	81.9 Hz	42.7 Hz	73.1 Hz
Time (Relative to Trigger)	0.430 sec	0.309 sec	0.161 sec
Peak Acceleration	0.155 g	0.142 g	0.148 g
Peak Displacement	0.000 in	0.001 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.9 Hz	7.3 Hz
Overswing Ratio	3.5	3.7	3.7
Peak Vector Sum	0.1629 in/s at 0.430 sec		

ISEE Linear Microphone	
Peak Sound Pressure Level	0.007219 psi
Peak Sound Pressure Level	127.9 dB(L)
Time (Relative to Trigger)	1.325 sec
Zero Crossing Frequency	7.1 Hz
Sensor Check	✓ Passed
Frequency	20.5 Hz
Test Amplitude	1477 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



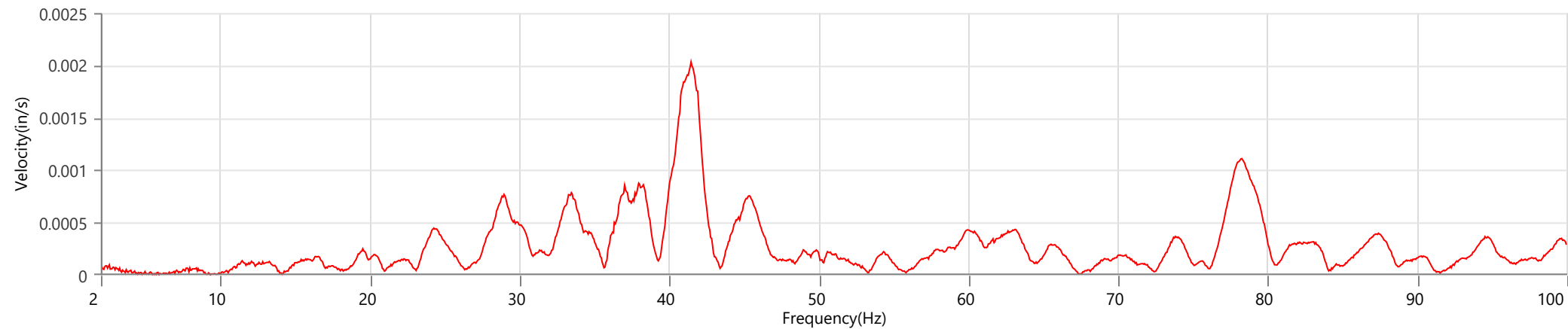
Waveform Trigger Source Long at October 17, 2025 11:15:44
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

Serial Number UM6470
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 1, 2025 by Instantel
Event File Name UM6470_20251017111544.IDFW
USB Sensor Support Disabled

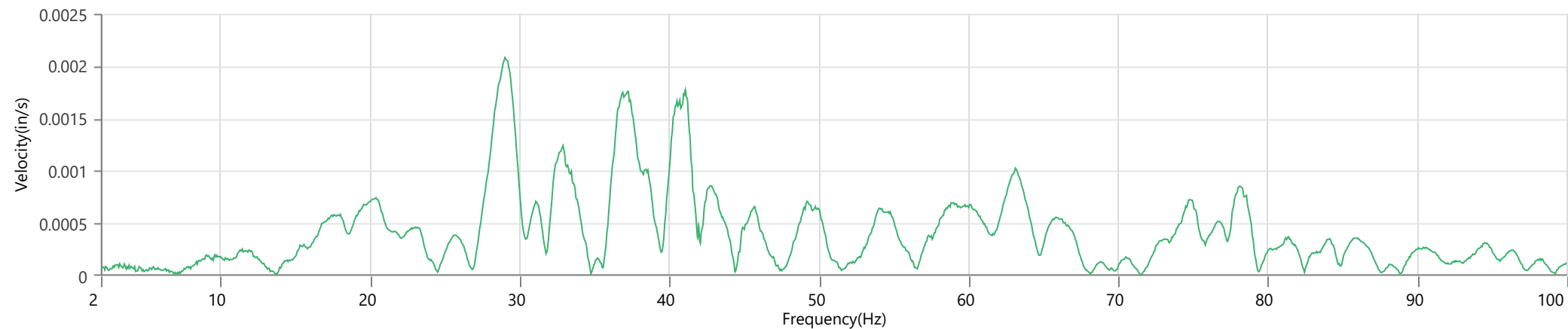
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

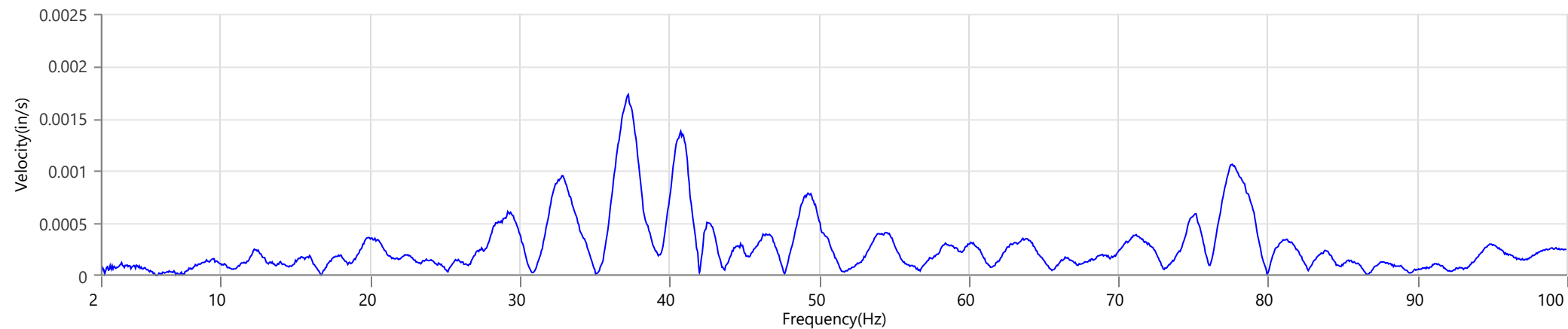
Tran - Dominant Frequency 41.4 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.1157 in/s)



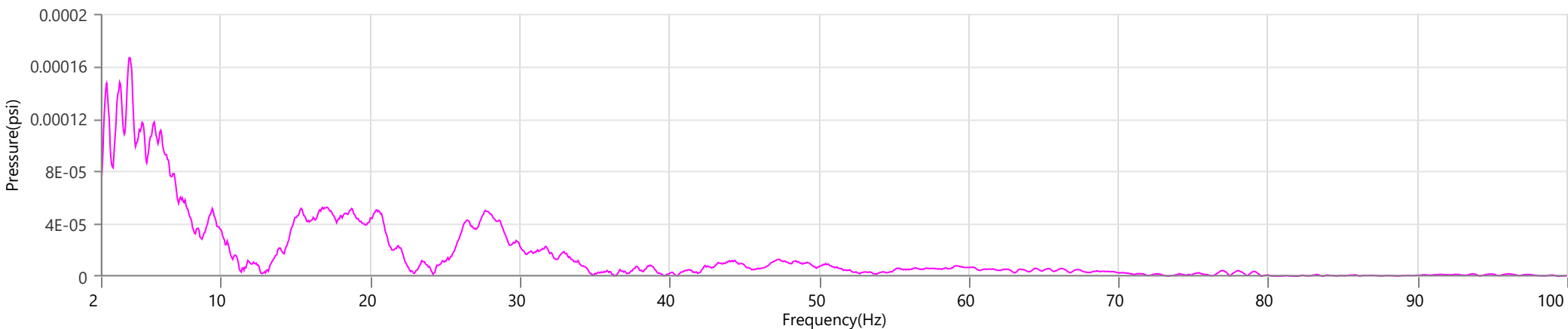
Vert - Dominant Frequency 29.0 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1372 in/s)



Long - Dominant Frequency 37.2 Hz, Amplitude 0.0017 in/s (Peak Particle Velocity: 0.1232 in/s)



Mic - Dominant Frequency 3.9 Hz, Amplitude 0.00017 psi (Peak Sound Pressure Level: 0.007219 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

October 17, 2025 00:00:05

October 17, 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

UM21408

Micromate ISEE 11.0AK

3.8 volts

May 22, 2025 by Instantel

UA10767, February 18, 2025 by Instantel

UM21408_20251017000005.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

73.3 dB(A)

Oct 17, 2025

19:00:05

LMin

L10

L90

Leq

36.3

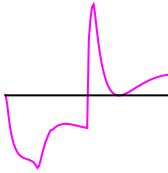
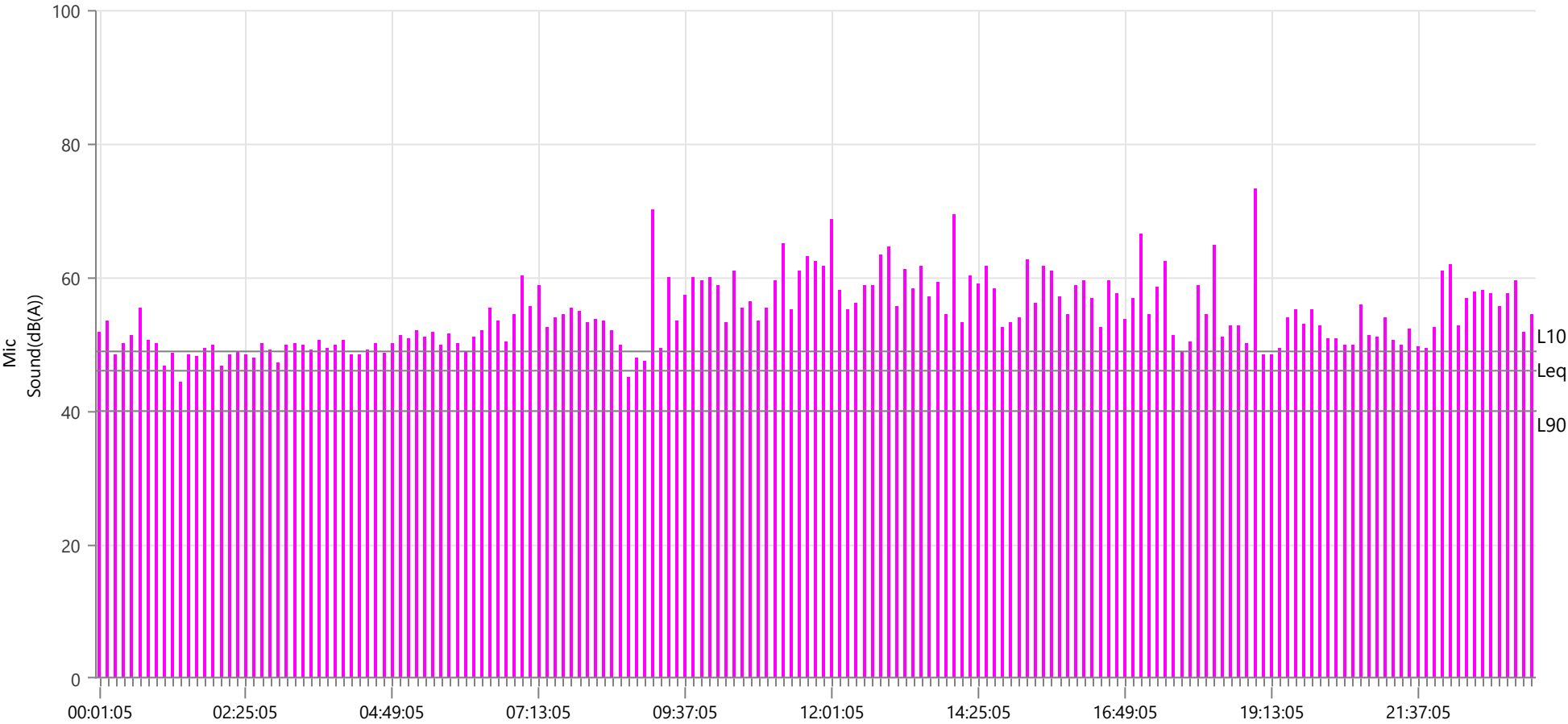
49

40

46.0

✓ Passed

1104 mv



✓ Passed



Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

October 17, 2025 00:00:05
October 17, 2025 23:29:59
1409.91/60 sec
4096 sps
Spicewood Hwy 71 - Noise 3.mmb
Operator

Serial Number
Model Number
Battery Level
Unit Calibration
Microphone Calibration

UM8328
Micromate ISEE 11.0AK
3.8 volts
May 22, 2025 by Instantel
UA10376, February 18, 2025 by Field
Calibration
UM8328_20251017000005.IDFH
Disabled

Notes
Location
Client
Company
General Notes

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

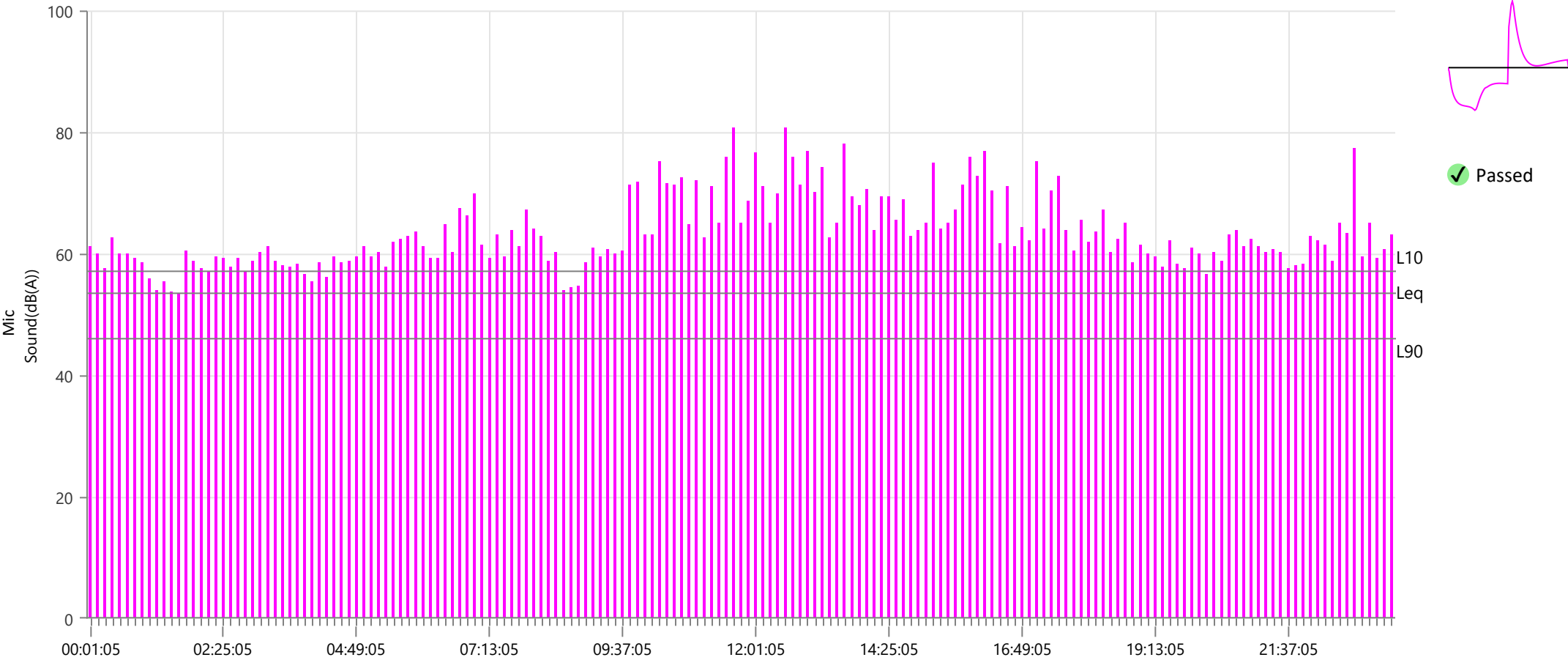
Extended Note N30.490958 W98.213495
Post Event Notes No text to be displayed.

Sound Level Microphone
LMax
Date
Time

A-Weight Slow
80.8 dB(A)
Oct 17, 2025
12:39:05
LMin L10 L90 Leq
38.3 57 46 53.5
Passed
970 mv

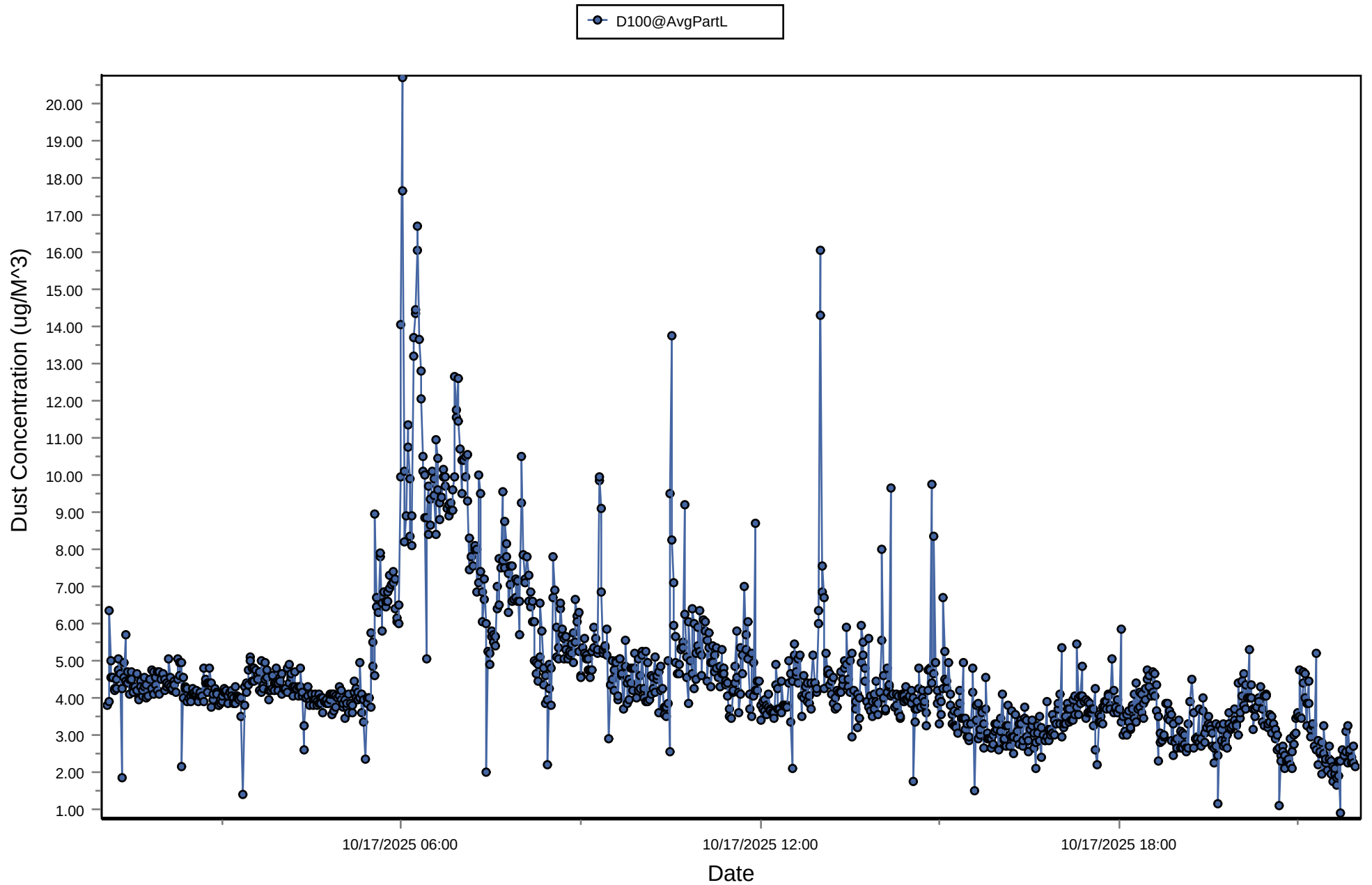
Sound(dB(A))
Sensor Check
Test Amplitude

Sensor Check



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

