

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

Vert at September 12, 2025 12:55:53
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

UM6427
Micromate ISEE 11.0AK
3.0 volts
March 19, 2025 by Instantel
UM6427_20250912125553.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

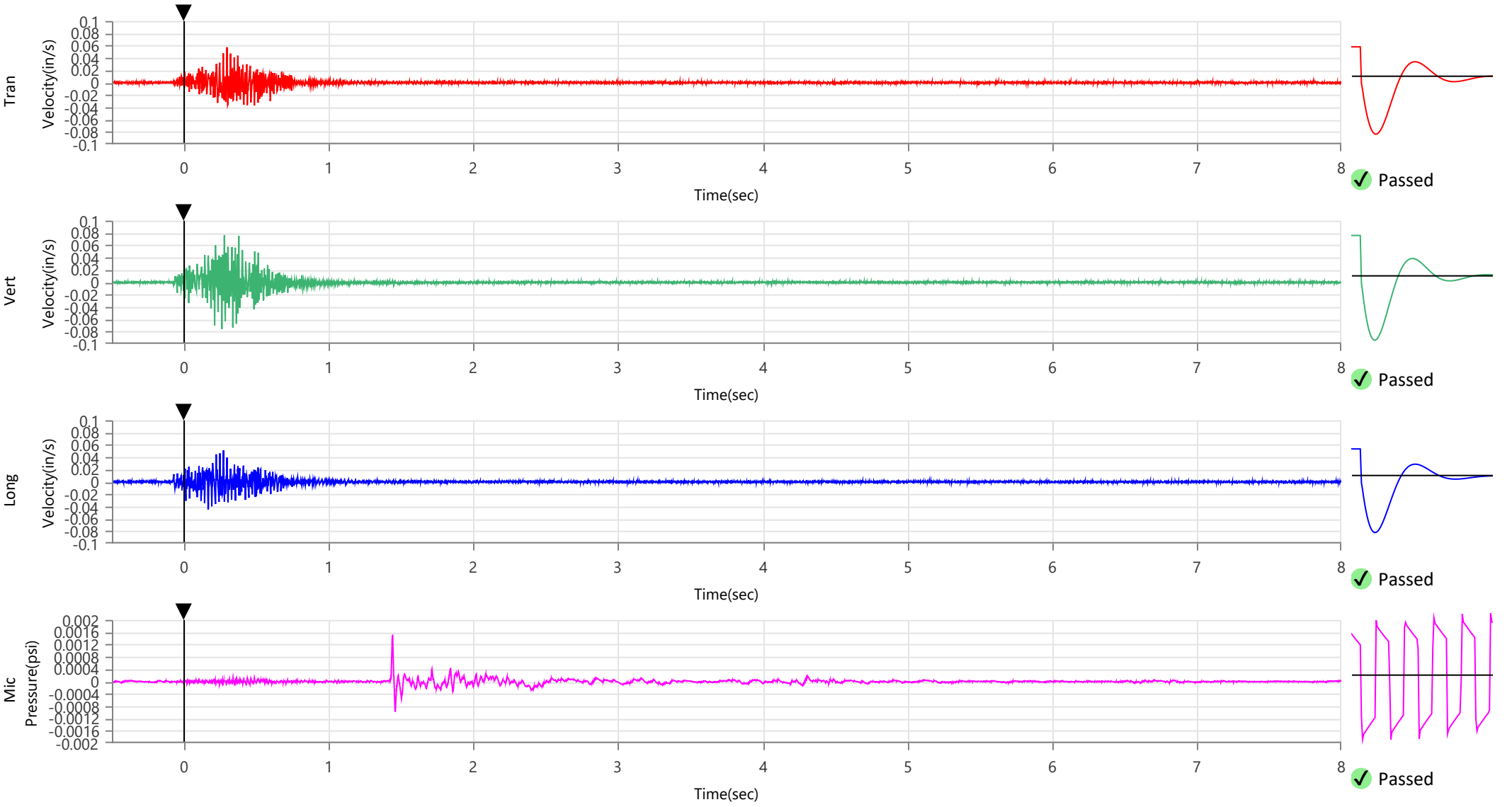
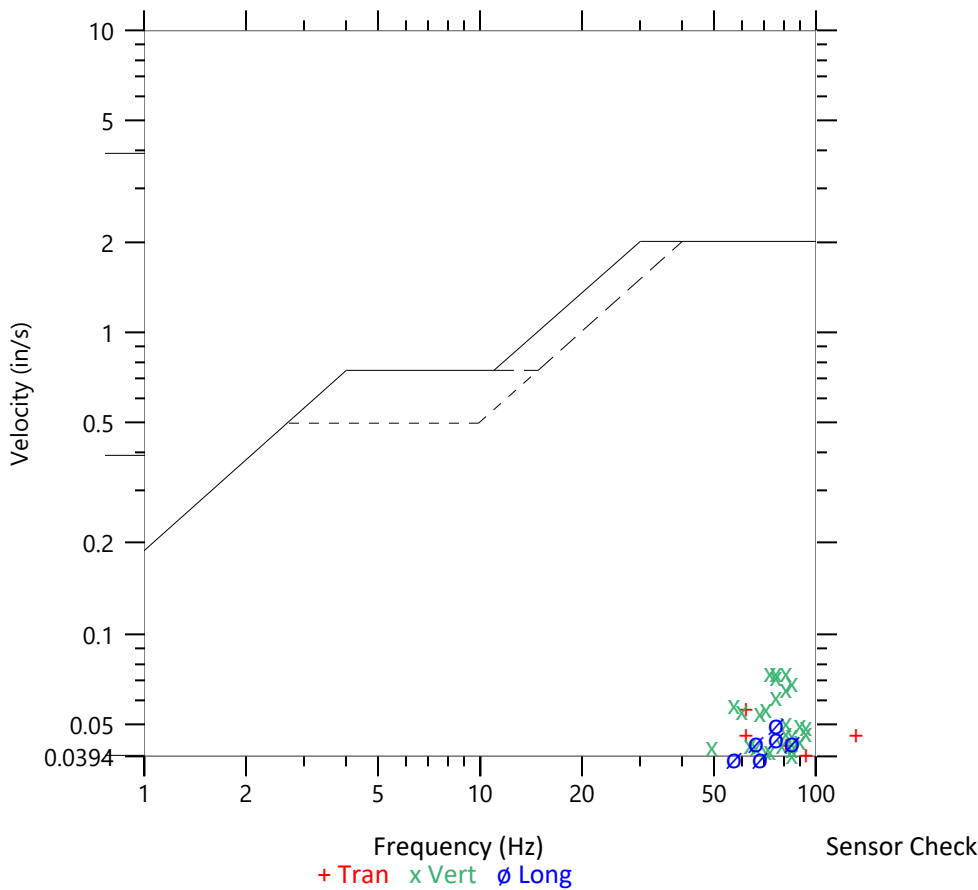
Tran	Vert	Long
0.0574 in/s	0.0763 in/s	0.0512 in/s
62.1 Hz	73.1 Hz	75.9 Hz
0.297 sec	0.278 sec	0.272 sec
0.086 g	0.112 g	0.076 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.7 Hz	7.1 Hz
4.0	3.7	5.0

Peak Vector Sum 0.0825 in/s at 0.278 sec

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

0.001490 psi
114.2 dB(L)
1.441 sec
9.4 Hz
✓ Passed
20.5 Hz
1293 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Waveform Trigger Source
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Geo 0.0200 in/s
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4096 sps
Spicewood Hwy 71 - Station 2.mmb
Operator

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

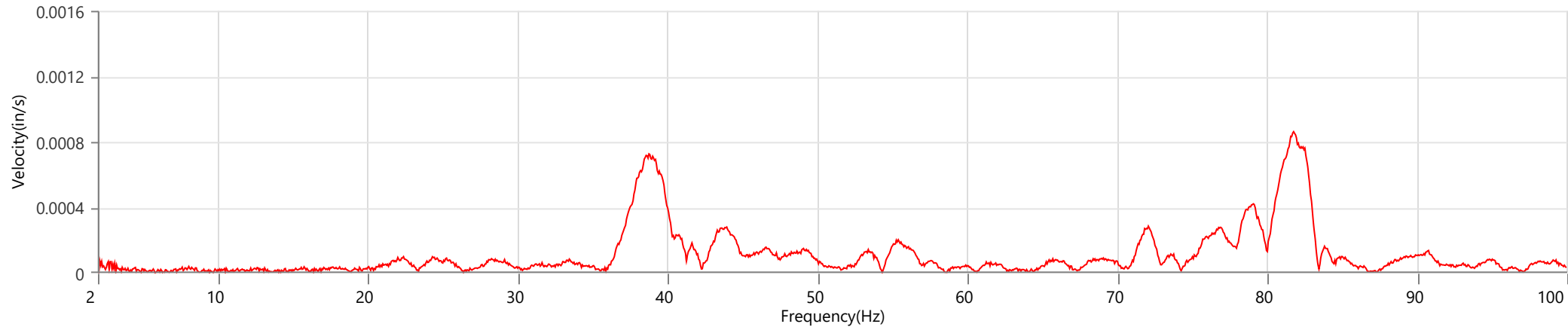
UM6427
Micromate ISEE 11.0AK
3.0 volts
March 19, 2025 by Instantel
UM6427_20250912125553.IDFW
Disabled

Notes
Location
Client
Company
General Notes

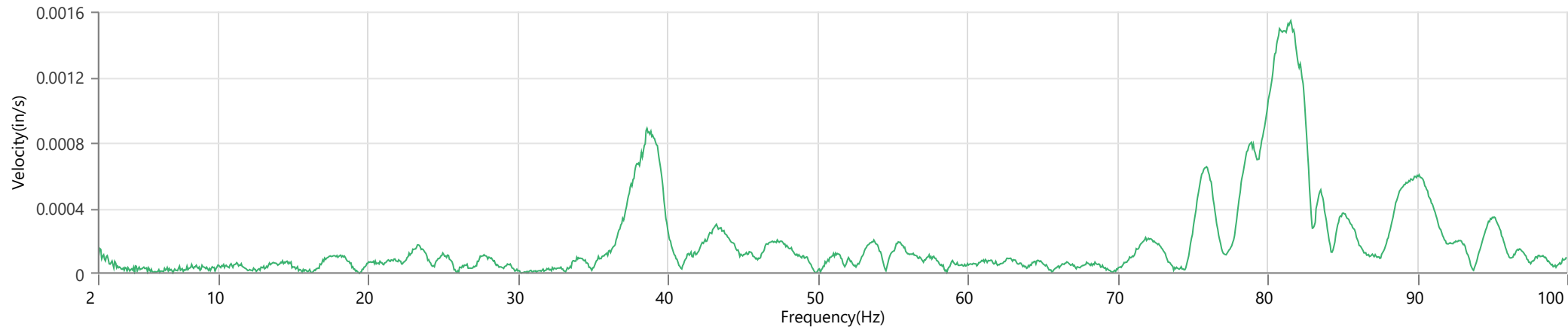
Station 2
Spicewood Crushed Stone
Hwy 71
IGS, Inc

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

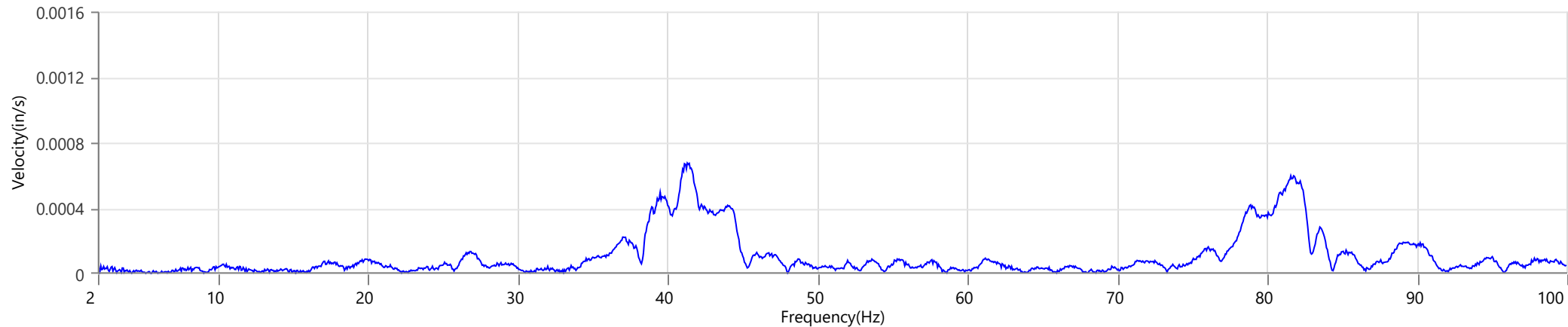
Tran - Dominant Frequency 81.8 Hz, Amplitude 0.0009 in/s (Peak Particle Velocity: 0.0574 in/s)



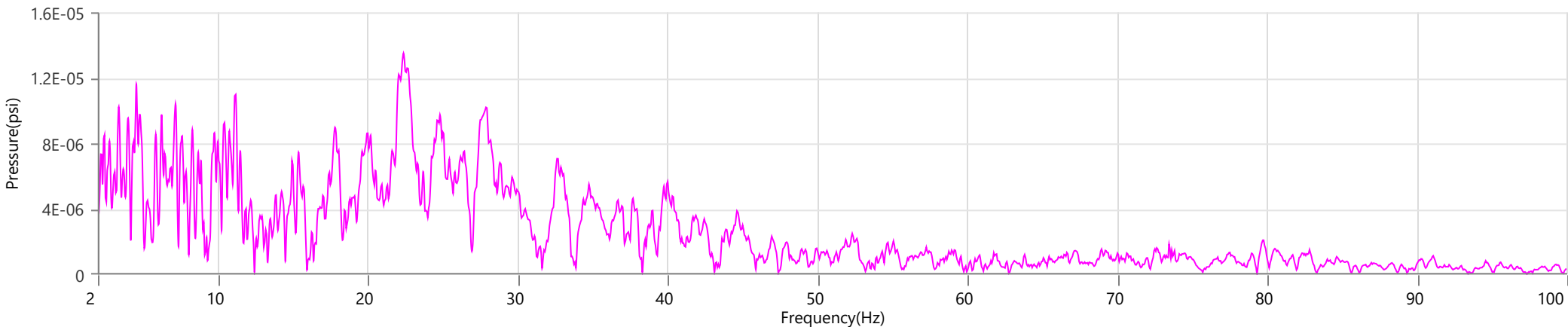
Vert - Dominant Frequency 81.6 Hz, Amplitude 0.0015 in/s (Peak Particle Velocity: 0.0763 in/s)



Long - Dominant Frequency 41.3 Hz, Amplitude 0.0007 in/s (Peak Particle Velocity: 0.0512 in/s)



Mic - Dominant Frequency 22.4 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.001490 psi)



Waveform Trigger Source Long at September 12, 2025 12:55:54
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_20250912125554.IDFW
USB Sensor Support Disabled

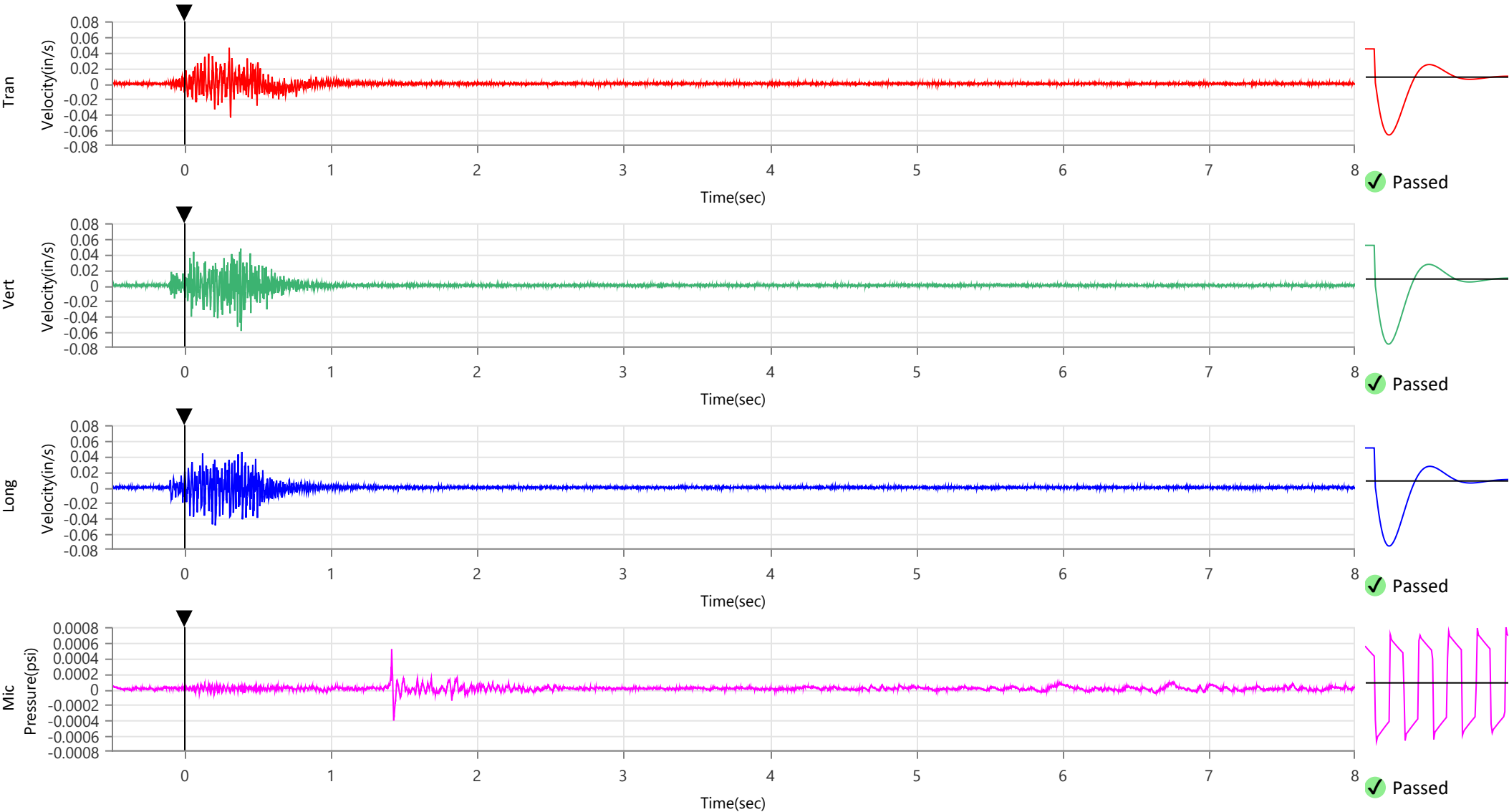
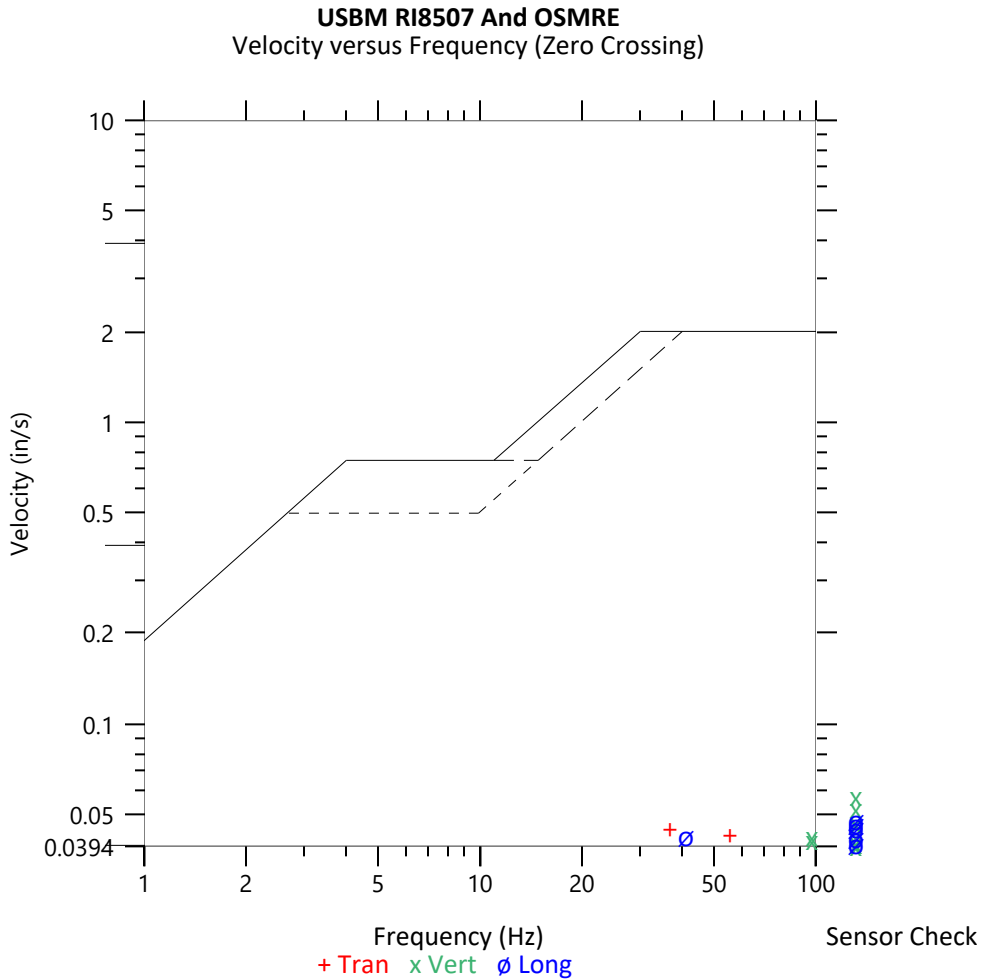
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0459 in/s	0.0583 in/s	0.0487 in/s
Zero Crossing Frequency	36.6 Hz	>100 Hz	>100 Hz
Time (Relative to Trigger)	0.304 sec	0.386 sec	0.208 sec
Peak Acceleration	0.066 g	0.138 g	0.115 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.6	4.4	4.4

Peak Vector Sum 0.0627 in/s at 0.386 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.000515 psi
Peak Sound Pressure Level 105.0 dB(L)
Time (Relative to Trigger) 1.415 sec
Zero Crossing Frequency 7.5 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1335 mv

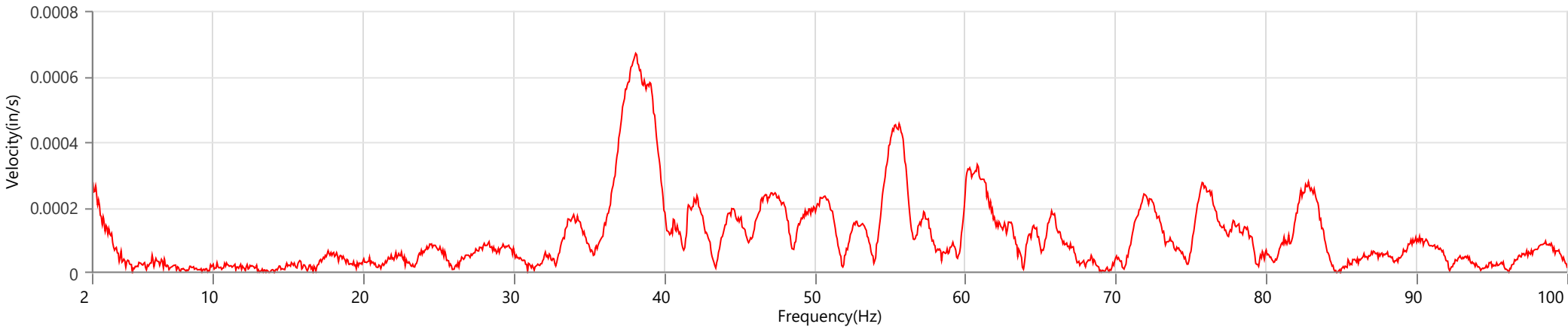


Waveform Trigger Source	Long at September 12, 2025 12:55:54	Serial Number	UM20529
Trigger Level(s)	Geo 0.0200 in/s	Model Number	Micromate ISEE 11.0AK
Trigger Level (Mic)	Mic 0.01029 psi, 131 dB(L)	Battery Level	3.8 volts
Pre-Trigger/Record Time	0.50 sec/8.0 sec (Fixed)	Unit Calibration	February 14, 2025 by Instantel
Sample Rate	4096 sps	Event File Name	UM20529_20250912125554.IDFW
Setup File Name	Spicewood Hwy 71 - Station 3.mmb	USB Sensor Support	Disabled
Operator	Operator		

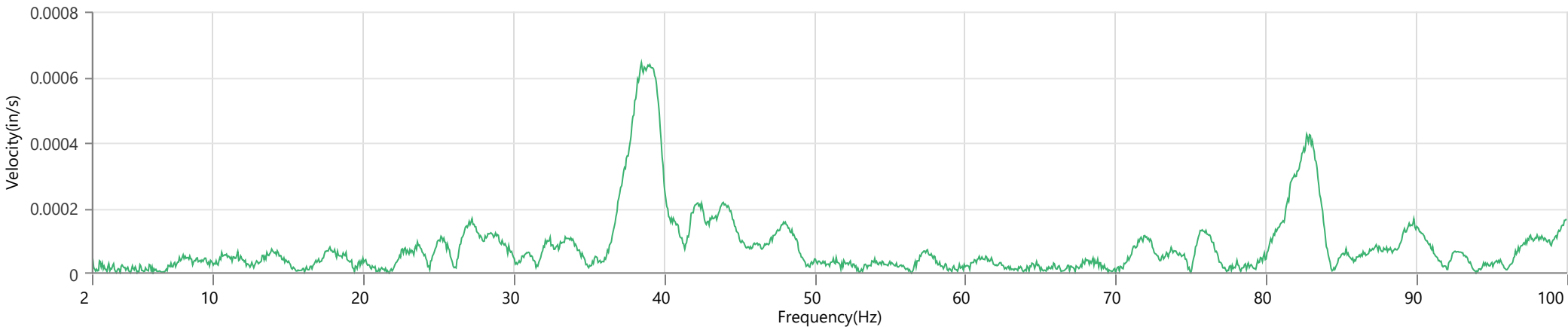
Notes	
Location	Station 3
Client	Spicewood Crushed Stone
Company	Hwy 71 Quarry
General Notes	IGS, Inc.

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

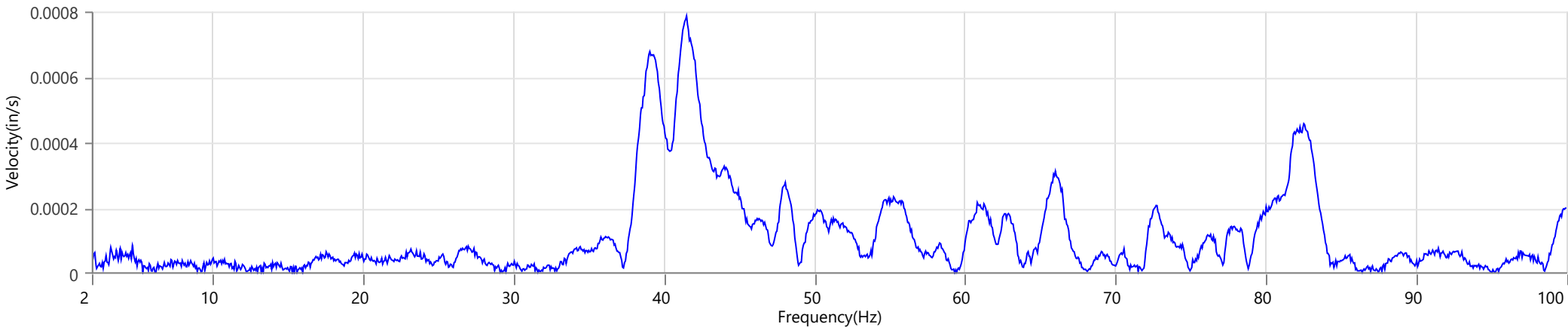
Tran - Dominant Frequency 38.1 Hz, Amplitude 0.0007 in/s (Peak Particle Velocity: 0.0459 in/s)



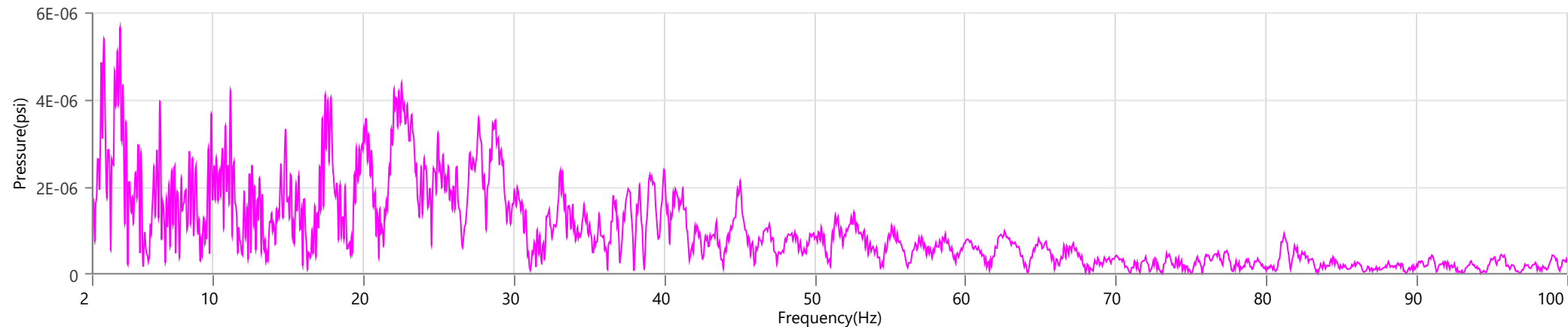
Vert - Dominant Frequency 38.5 Hz, Amplitude 0.0006 in/s (Peak Particle Velocity: 0.0583 in/s)



Long - Dominant Frequency 41.5 Hz, Amplitude 0.0008 in/s (Peak Particle Velocity: 0.0487 in/s)



Mic - Dominant Frequency 3.9 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000515 psi)



Waveform Trigger Source Long at September 12, 2025 12:55:54
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_20250912125554.IDFW
USB Sensor Support Disabled

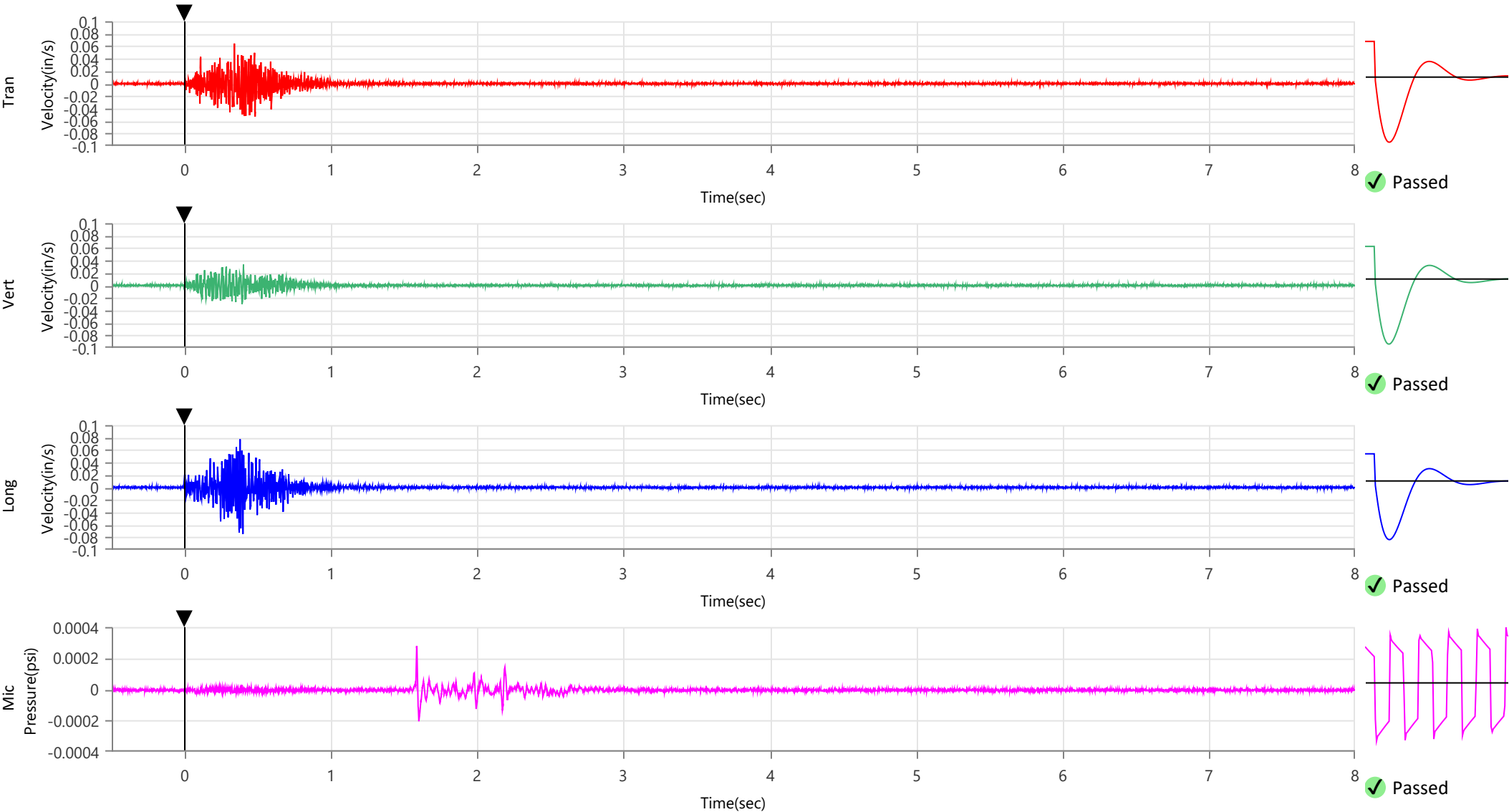
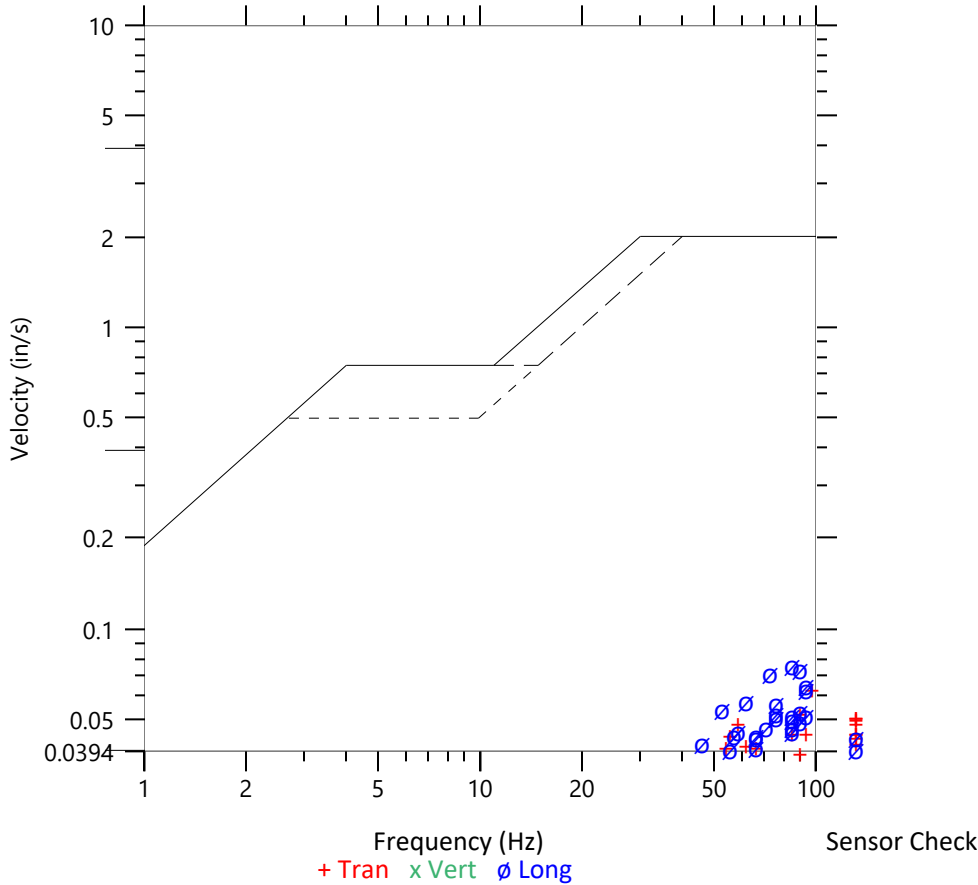
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0642 in/s	0.0335 in/s	0.0773 in/s
Zero Crossing Frequency	97.5 Hz	51.2 Hz	85.3 Hz
Time (Relative to Trigger)	0.339 sec	0.401 sec	0.378 sec
Peak Acceleration	0.118 g	0.082 g	0.132 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	4.1	4.7	4.7
Peak Vector Sum	0.0887 in/s at 0.398 sec		

ISEE Linear Microphone	0.000279 psi
Peak Sound Pressure Level	99.7 dB(L)
Time (Relative to Trigger)	1.586 sec
Zero Crossing Frequency	17.8 Hz
Sensor Check	✓ Passed
Frequency	20.5 Hz
Test Amplitude	1322 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



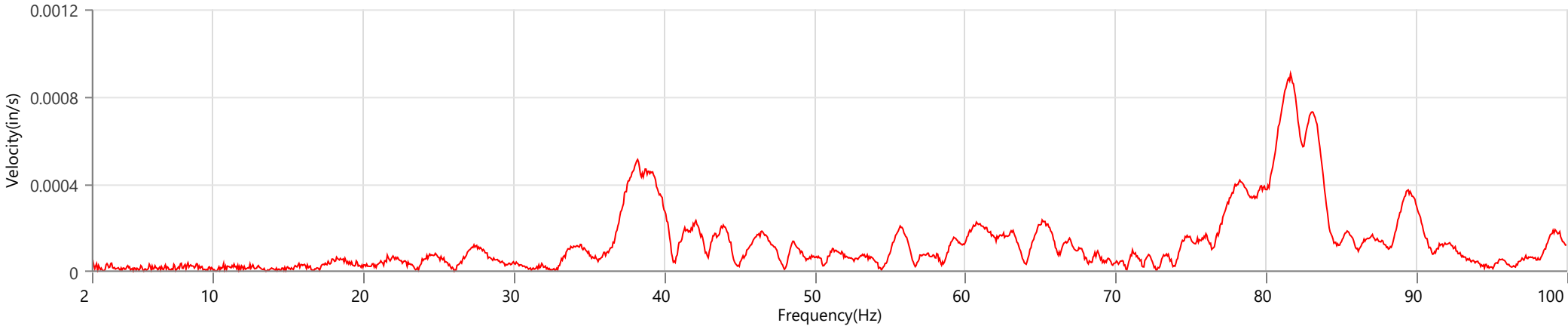
Waveform Trigger Source Long at September 12, 2025 12:55:54
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

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_20250912125554.IDFW
USB Sensor Support Disabled

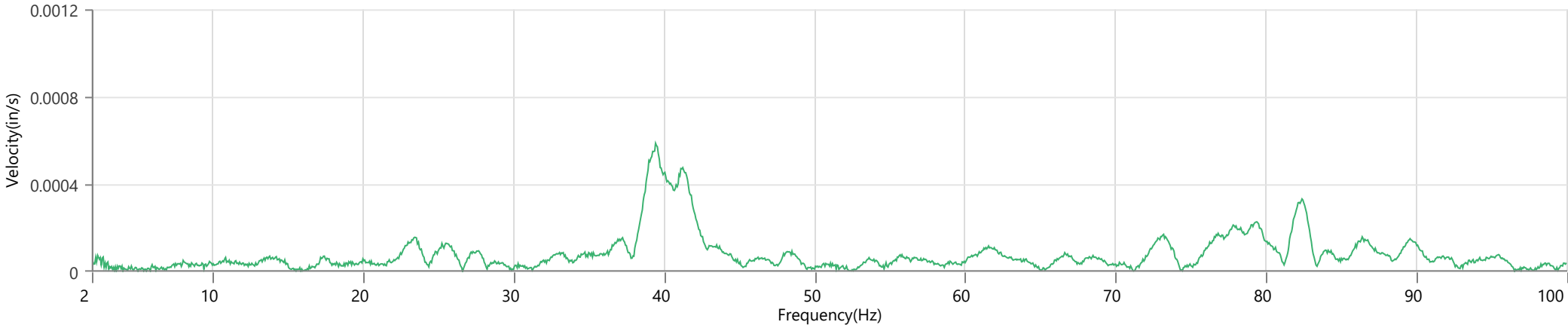
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

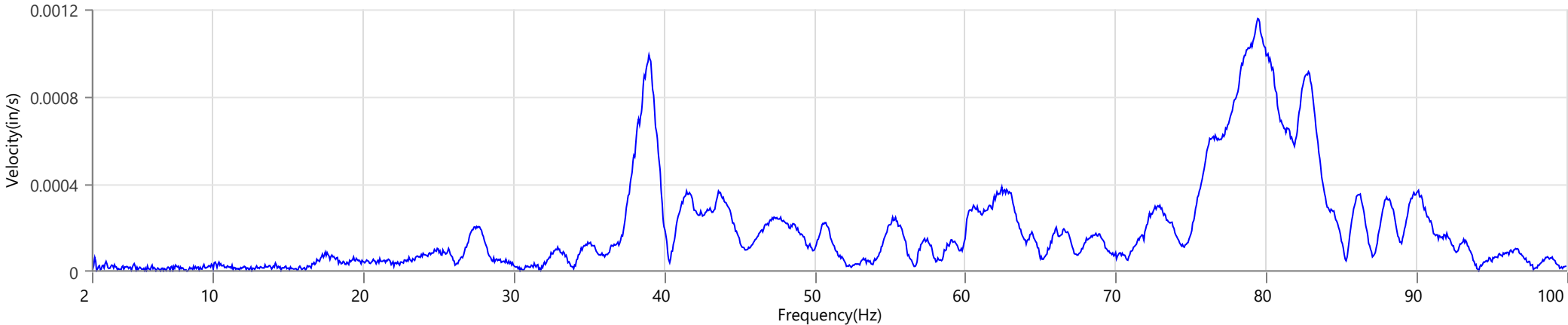
Tran - Dominant Frequency 81.6 Hz, Amplitude 0.0009 in/s (Peak Particle Velocity: 0.0642 in/s)



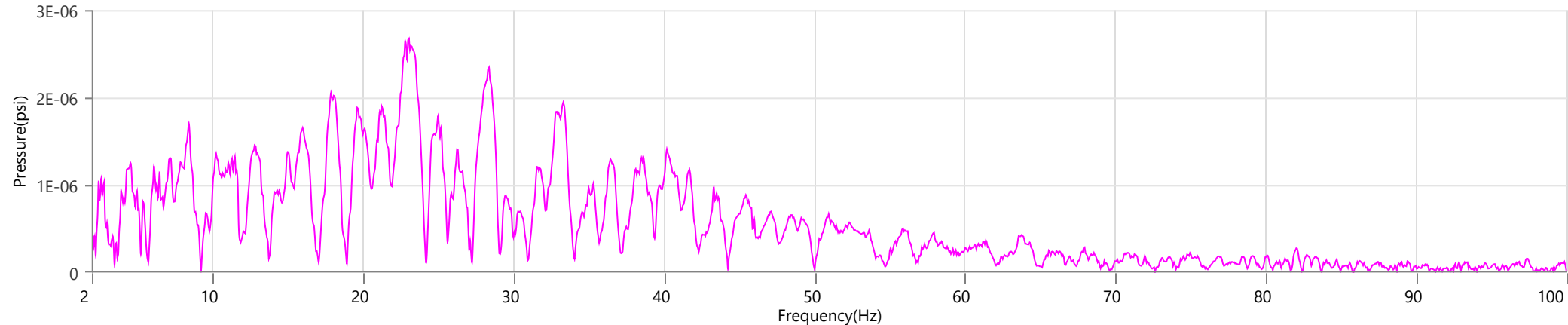
Vert - Dominant Frequency 39.4 Hz, Amplitude 0.0006 in/s (Peak Particle Velocity: 0.0335 in/s)



Long - Dominant Frequency 79.4 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0773 in/s)



Mic - Dominant Frequency 23.1 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000279 psi)



Waveform Trigger Source Long at September 12, 2025 12:55:53
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_20250912125553.IDFW
USB Sensor Support Disabled

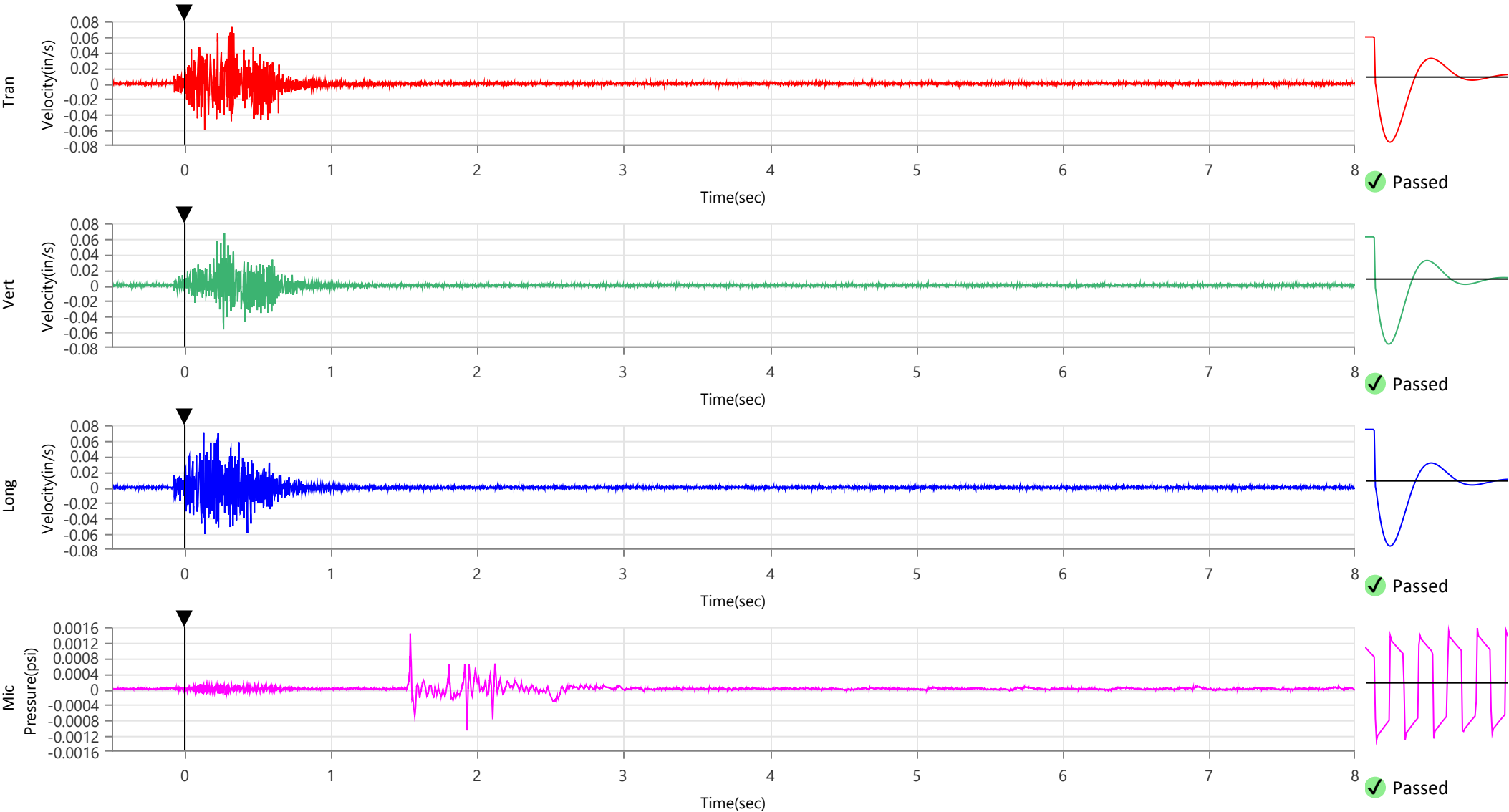
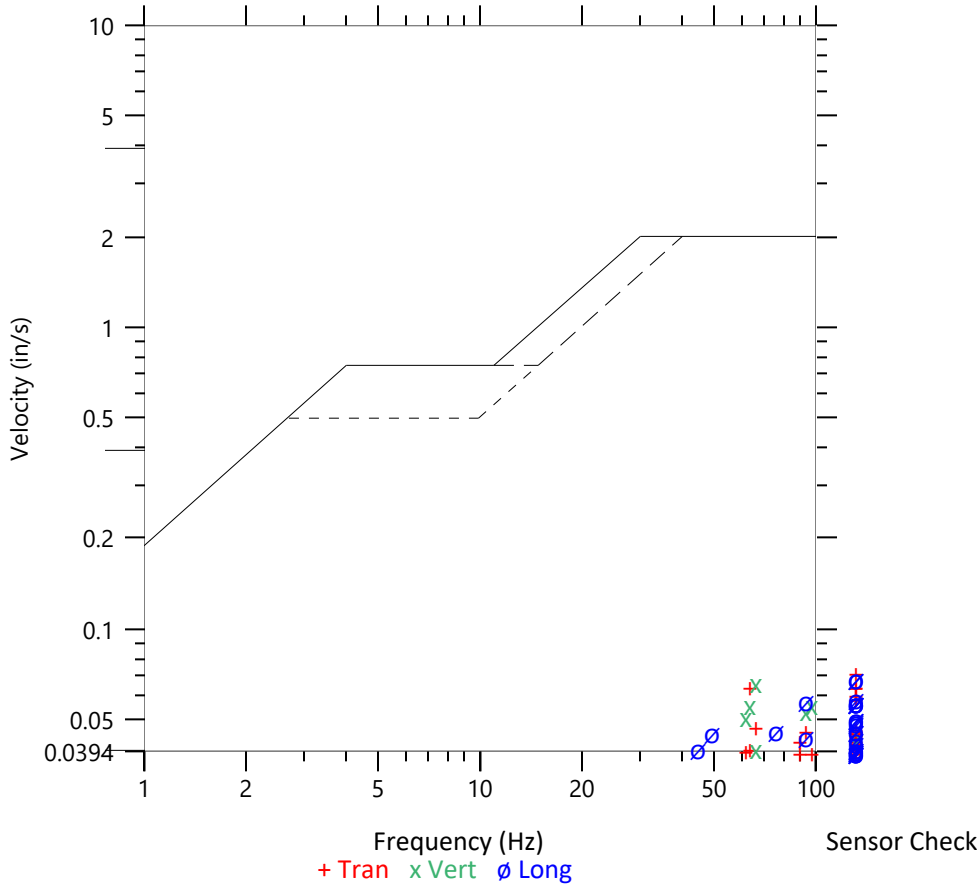
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0726 in/s	0.0673 in/s	0.0698 in/s
Zero Crossing Frequency	>100 Hz	66.1 Hz	>100 Hz
Time (Relative to Trigger)	0.323 sec	0.271 sec	0.129 sec
Peak Acceleration	0.138 g	0.095 g	0.171 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.7 Hz	7.1 Hz
Overswing Ratio	3.4	3.5	3.6
Peak Vector Sum	0.0828 in/s at 0.311 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.001433 psi
Peak Sound Pressure Level 113.9 dB(L)
Time (Relative to Trigger) 1.542 sec
Zero Crossing Frequency 3.8 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1306 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

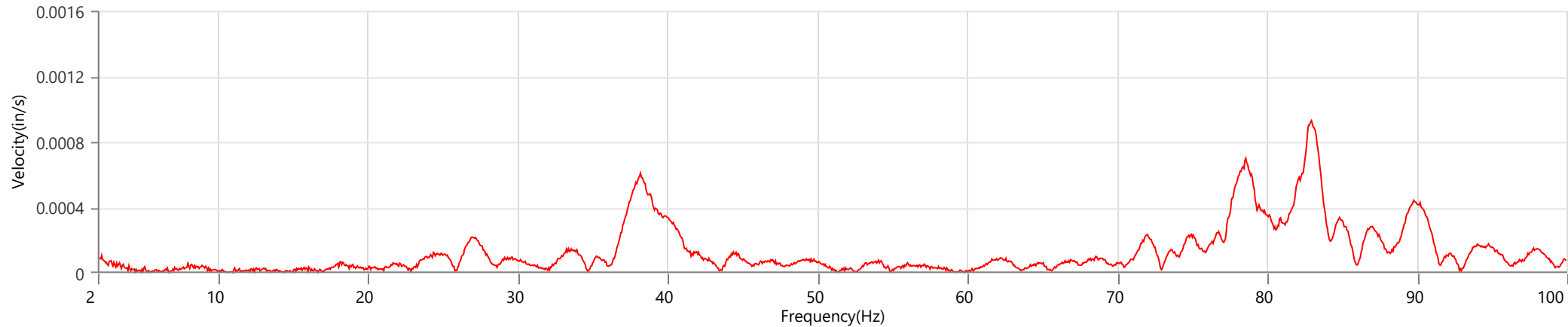


Waveform Trigger Source	Long at September 12, 2025 12:55:53	Serial Number	UM9228
Trigger Level(s)	Geo 0.0200 in/s	Model Number	Micromate ISEE 11.0AK
Trigger Level (Mic)	Mic 0.01029 psi, 131 dB(L)	Battery Level	3.8 volts
Pre-Trigger/Record Time	0.50 sec/8.0 sec (Fixed)	Unit Calibration	April 24, 2025 by Instantel
Sample Rate	4096 sps	Event File Name	UM9228_20250912125553.IDFW
Setup File Name	Spicewood Hwy 71 - Station 5.mmb	USB Sensor Support	Disabled
Operator	Operator		

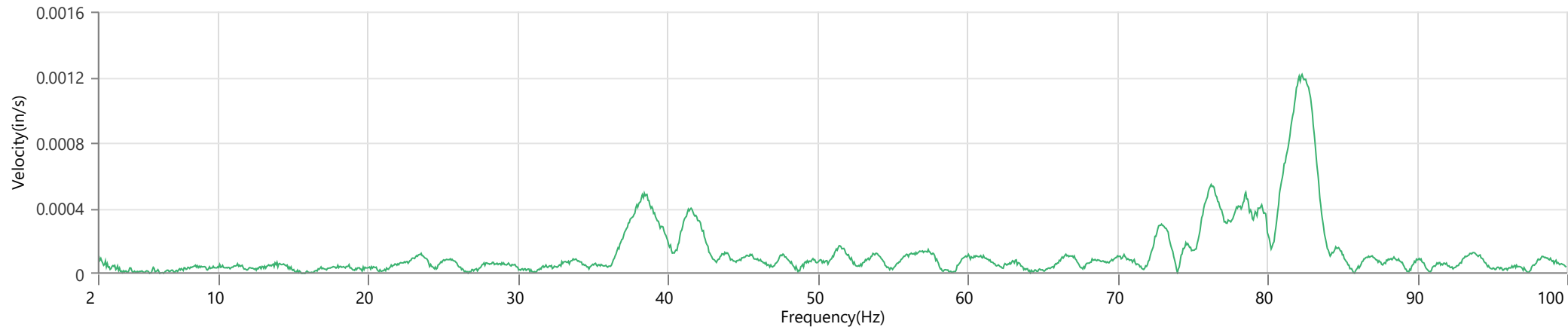
Notes	
Location	Station 5
Client	Spicewood Crushed Stone
Company	Hwy 71 Quarry
General Notes	IGS, Inc.

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

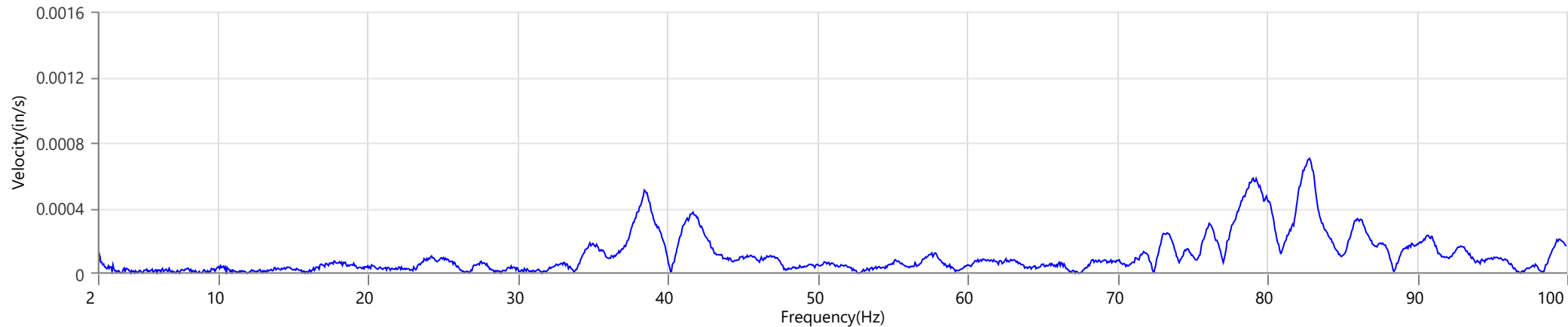
Tran - Dominant Frequency 82.9 Hz, Amplitude 0.0009 in/s (Peak Particle Velocity: 0.0726 in/s)



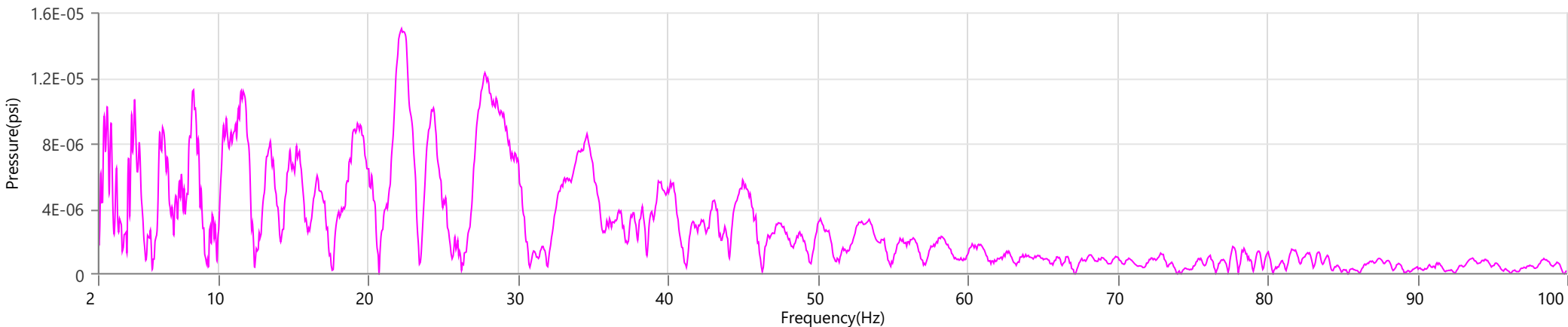
Vert - Dominant Frequency 82.3 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0673 in/s)



Long - Dominant Frequency 82.8 Hz, Amplitude 0.0007 in/s (Peak Particle Velocity: 0.0698 in/s)



Mic - Dominant Frequency 22.2 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.001433 psi)



Waveform Trigger Source Long at September 12, 2025 12:55:54
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_20250912125554.IDFW
USB Sensor Support Disabled

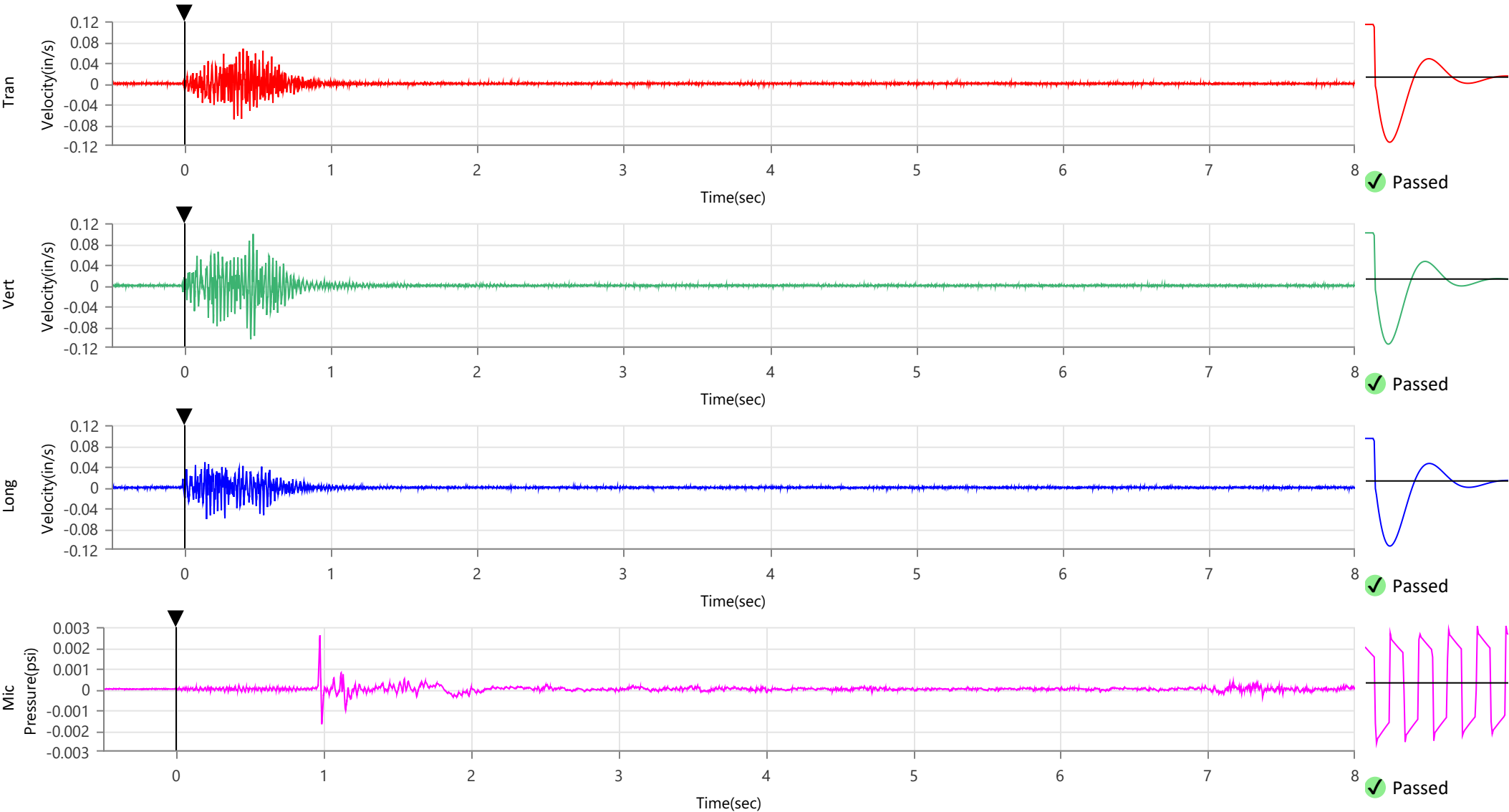
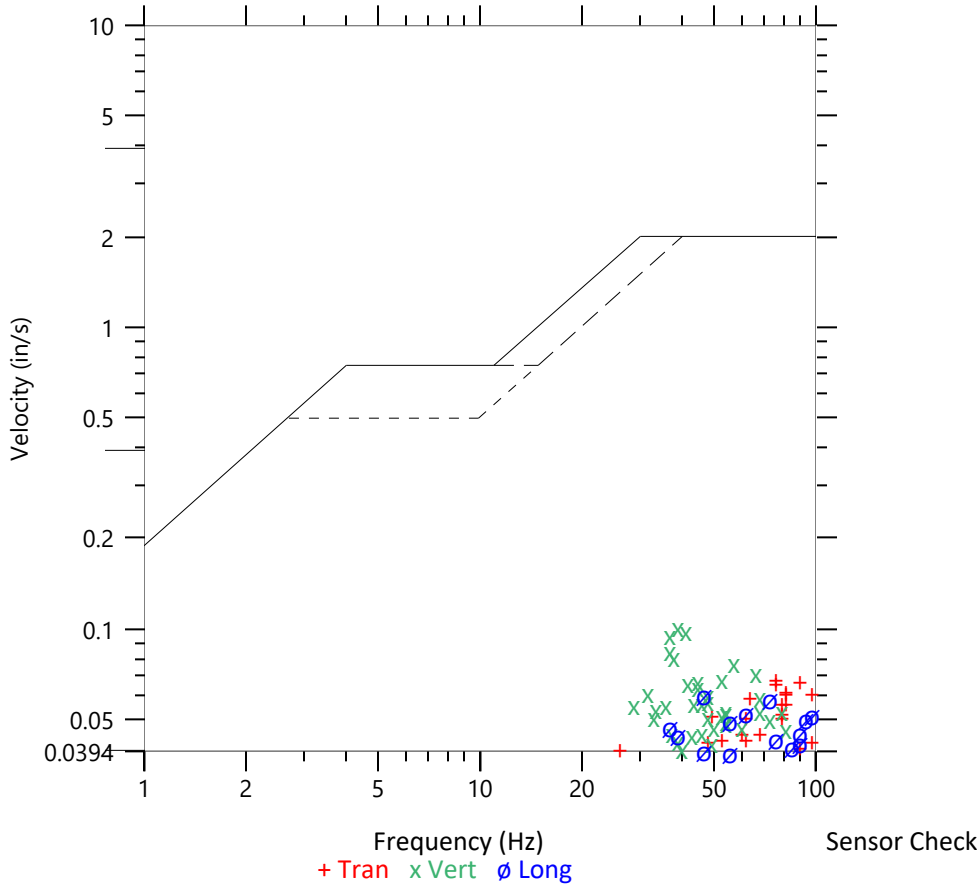
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0689 in/s	0.1033 in/s	0.0611 in/s
Zero Crossing Frequency	75.9 Hz	38.6 Hz	46.5 Hz
Time (Relative to Trigger)	0.336 sec	0.451 sec	0.149 sec
Peak Acceleration	0.109 g	0.118 g	0.112 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.9 Hz	7.3 Hz
Overswing Ratio	3.5	3.6	3.7
Peak Vector Sum	0.1115 in/s at 0.451 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.002599 psi
Peak Sound Pressure Level 119.0 dB(L)
Time (Relative to Trigger) 0.972 sec
Zero Crossing Frequency 8.1 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1407 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

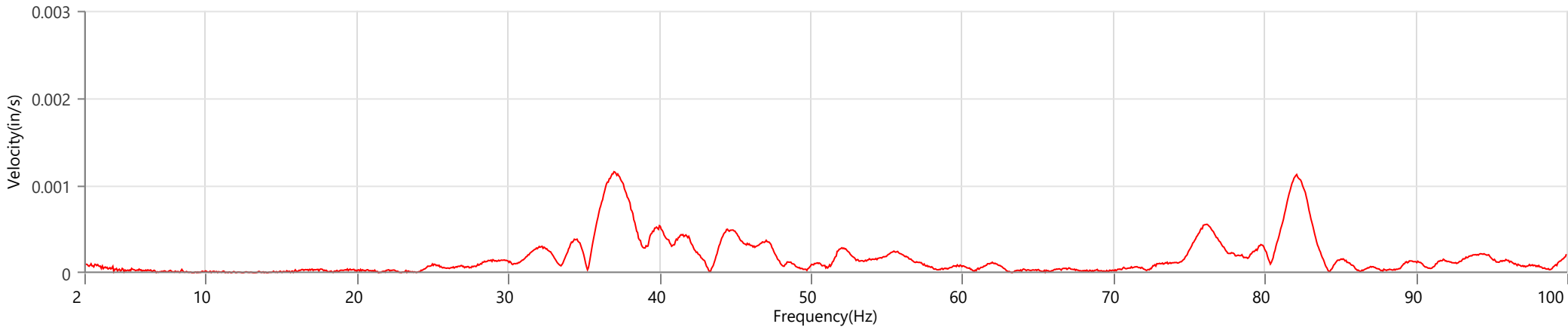


Waveform Trigger Source	Long at September 12, 2025 12:55:54	Serial Number	UM6470
Trigger Level(s)	Geo 0.0200 in/s	Model Number	Micromate ISEE 11.0AK
Trigger Level (Mic)	Mic 0.01029 psi, 131 dB(L)	Battery Level	3.8 volts
Pre-Trigger/Record Time	0.50 sec/8.0 sec (Fixed)	Unit Calibration	May 1, 2025 by Instantel
Sample Rate	4096 sps	Event File Name	UM6470_20250912125554.IDFW
Setup File Name	Spicewood Hwy 71 - Station 6.mmb	USB Sensor Support	Disabled
Operator	Operator		

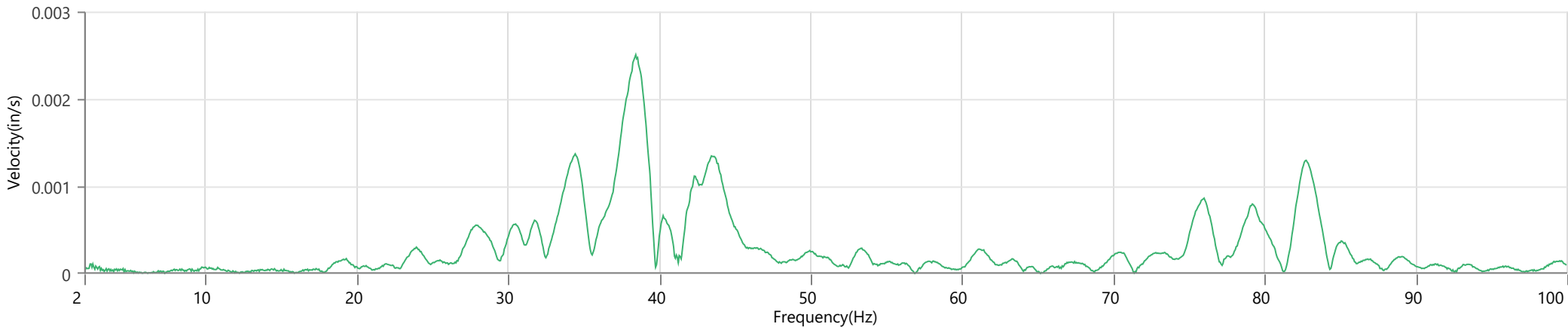
Notes	
Location	Station 6
Client	Spicewood Crushed Stone
Company	Hwy 71 Quarry
General Notes	IGS, Inc.

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

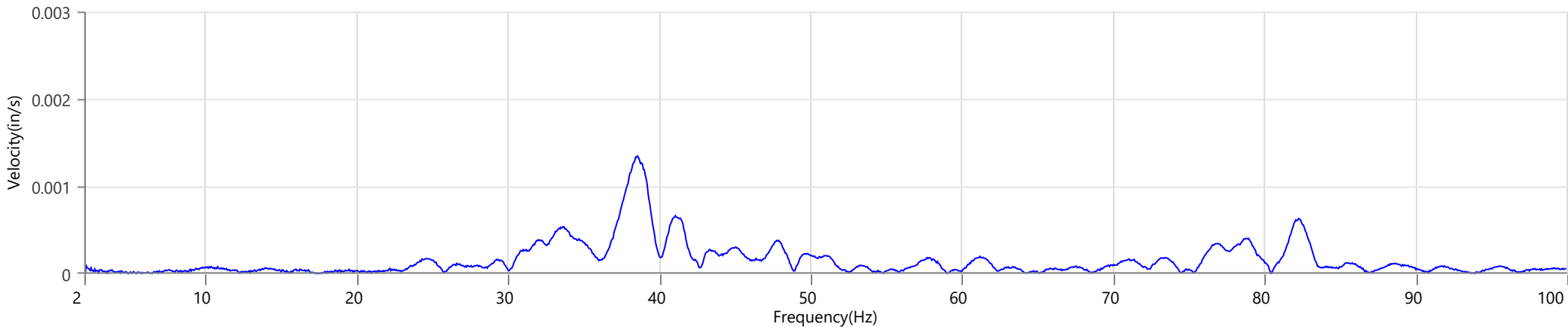
Tran - Dominant Frequency 37.0 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0689 in/s)



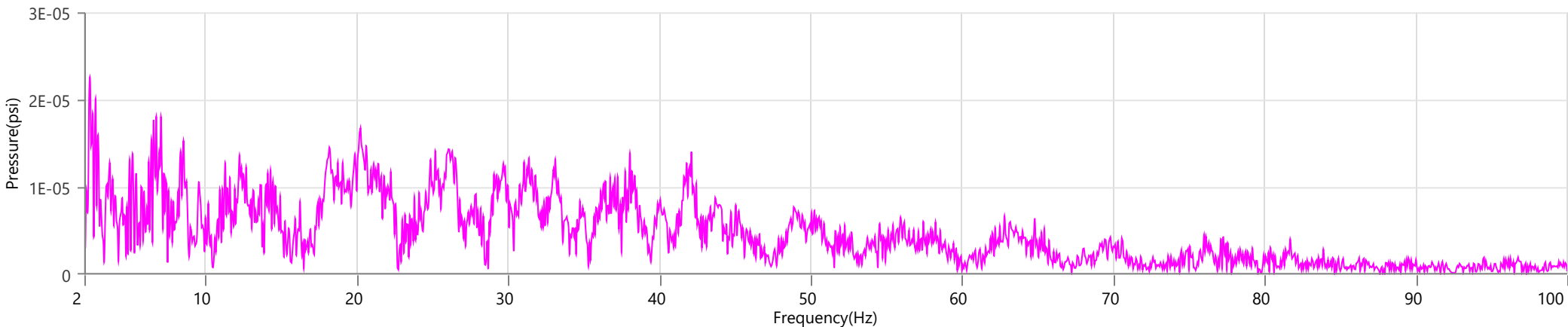
Vert - Dominant Frequency 38.4 Hz, Amplitude 0.0025 in/s (Peak Particle Velocity: 0.1033 in/s)



Long - Dominant Frequency 38.6 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.0611 in/s)



Mic - Dominant Frequency 2.4 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.002599 psi)





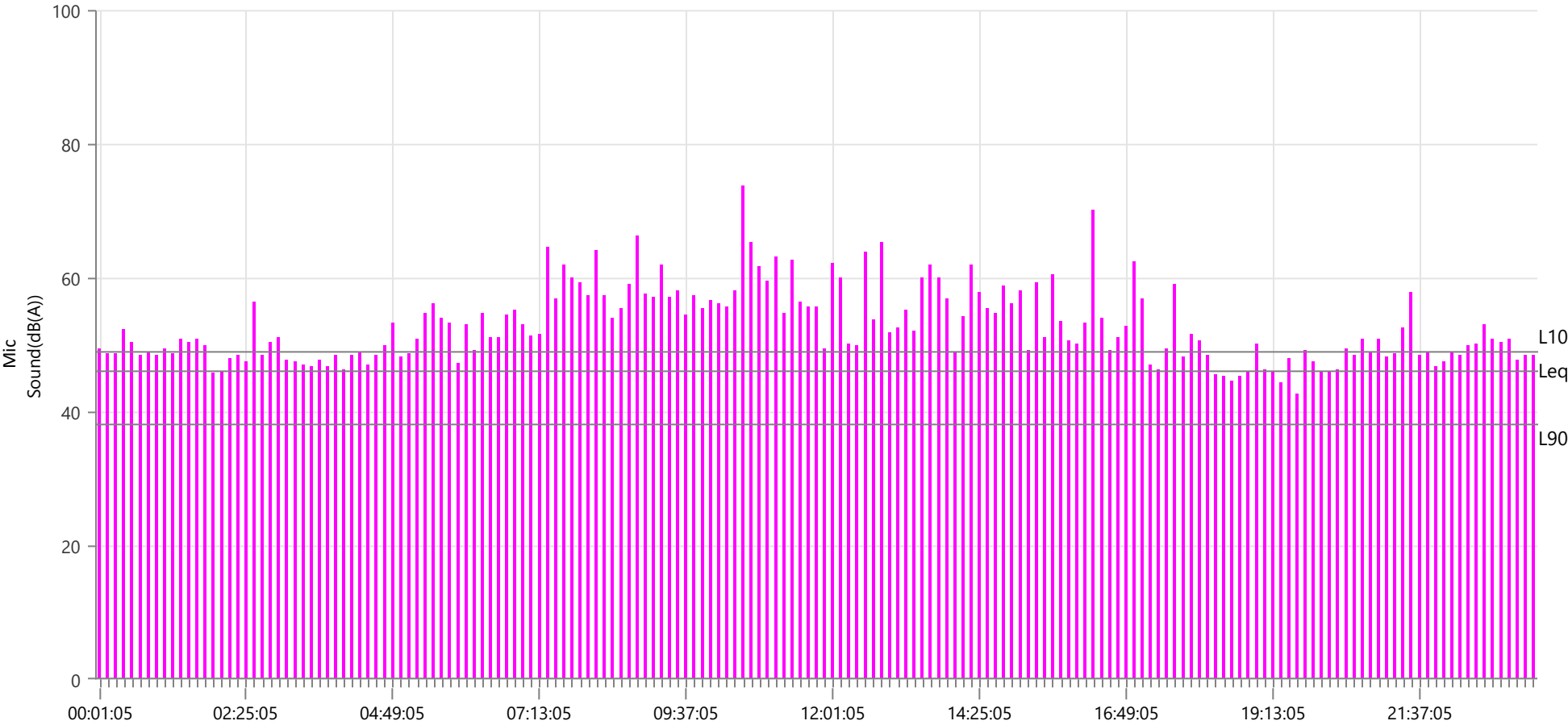
Start September 12, 2025 00:00:05
Finish September 12, 2025 23:29:59
Number of Intervals/Interval 1409.91/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 2.mmb
Operator Operator

Serial Number UM21408
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 22, 2025 by Instantel
Microphone Calibration UA10767, February 18, 2025 by Instantel
Event File Name UM21408_20250912000005.IDFH
USB Sensor Support Disabled

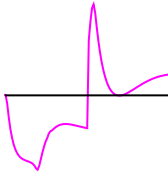
Notes
Location Noise 2
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note Station 5N30.49911 W98.21538
Post Event Notes No text to be displayed.

Sound Level Microphone
LMax 73.7 dB(A)
Date Sep 12, 2025
Time 10:37:05
LMin 34.6 L10 49 L90 38 Leq 46.0
Sensor Check Passed
Test Amplitude 1092 mv



Sensor Check



Passed

Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

September 12, 2025 00:00:05

September 12, 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

Event File Name

USB Sensor Support

Calibration

UM8328_20250912000005.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

A-Weight Slow

80.4 dB(A)

Sep 12, 2025

15:32:05

LMin

L10

L90

Leq

35.9

55

38

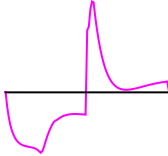
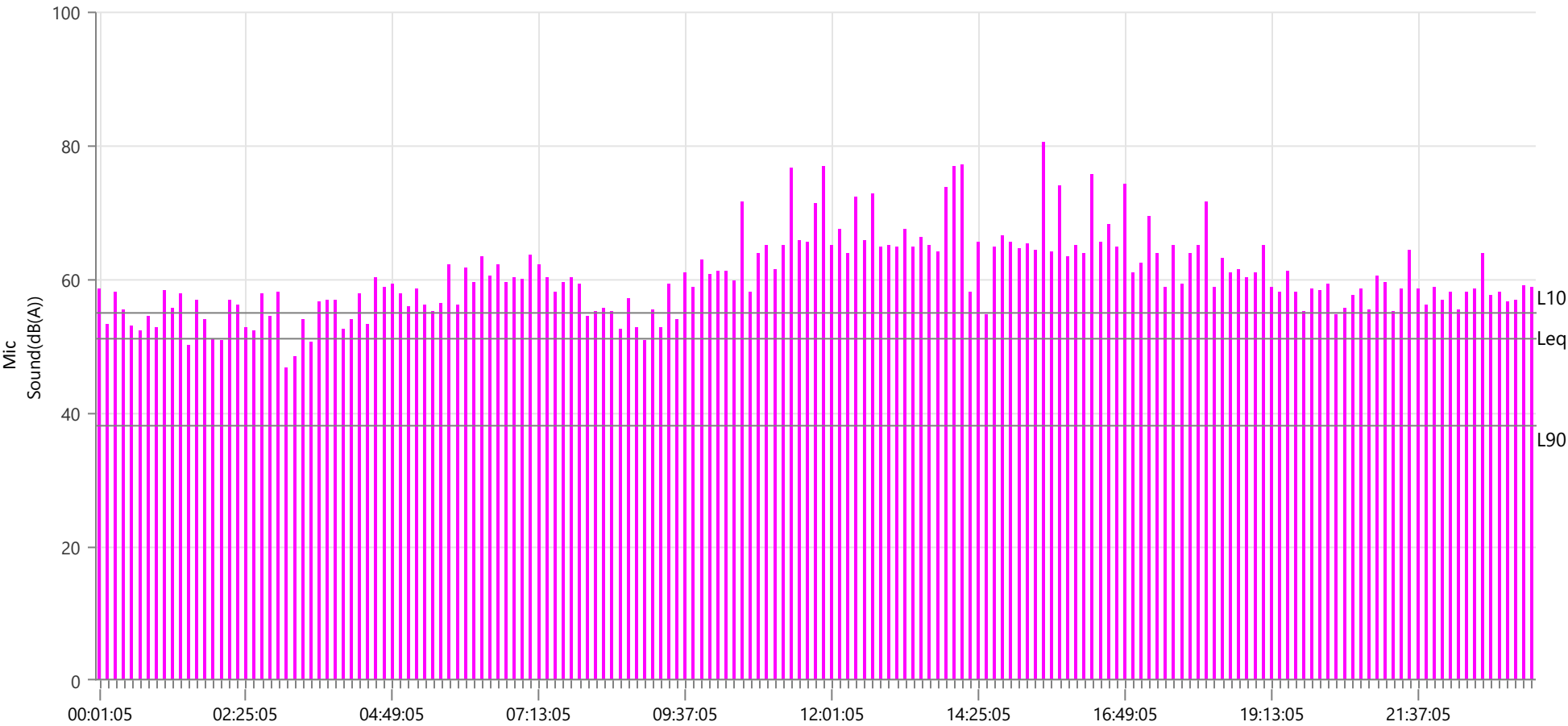
51.1

Sensor Check

Test Amplitude

✓ Passed

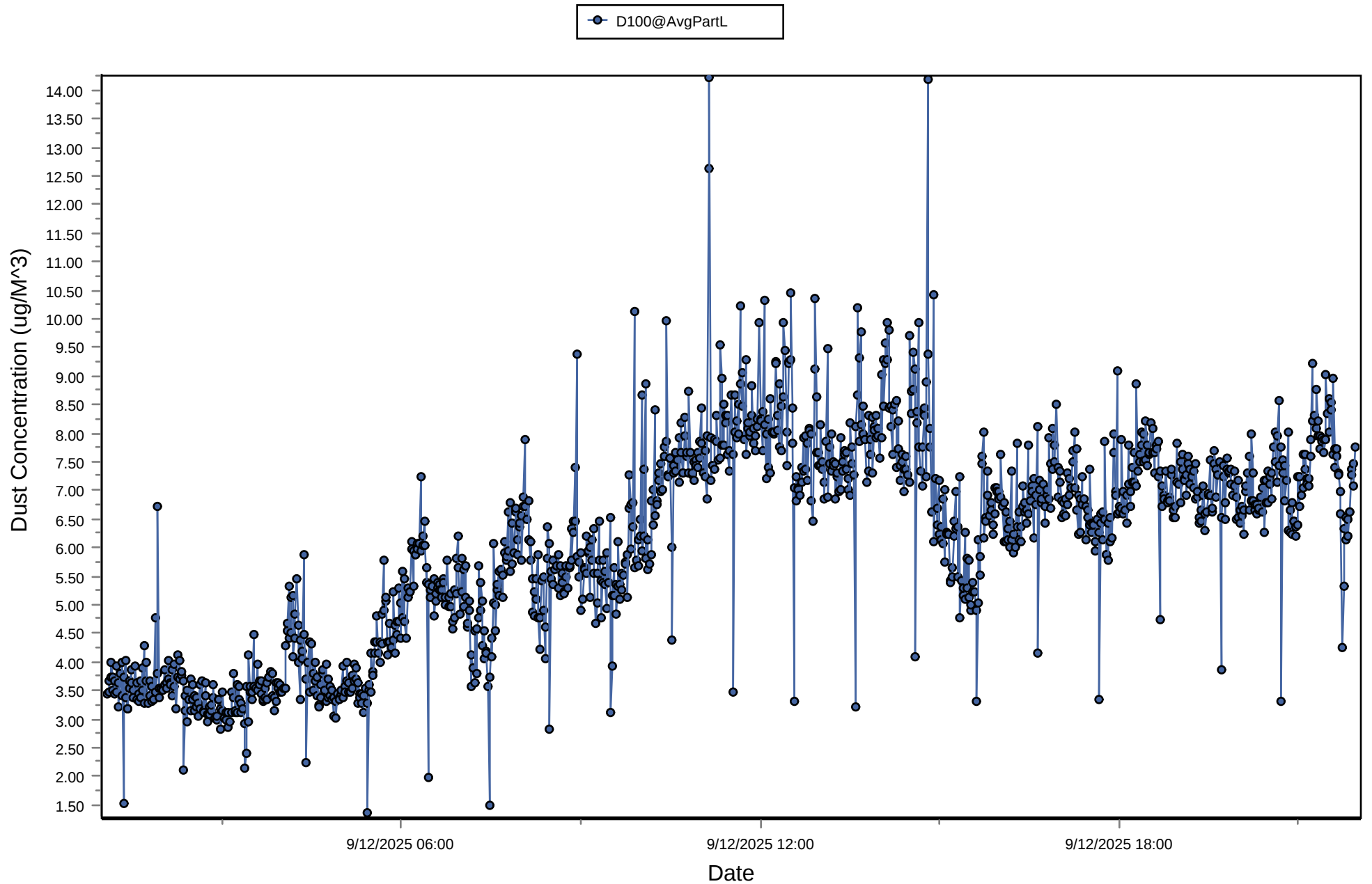
959 mv



✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

