

Waveform Trigger Source Long at August 28, 2025 11:40:15
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 UM6427
Model Number Micromate ISEE 11.0AK
Battery Level 3.7 volts
Unit Calibration March 19, 2025 by Instantel
Event File Name UM6427_20250828114015.IDFW
USB Sensor Support Disabled

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

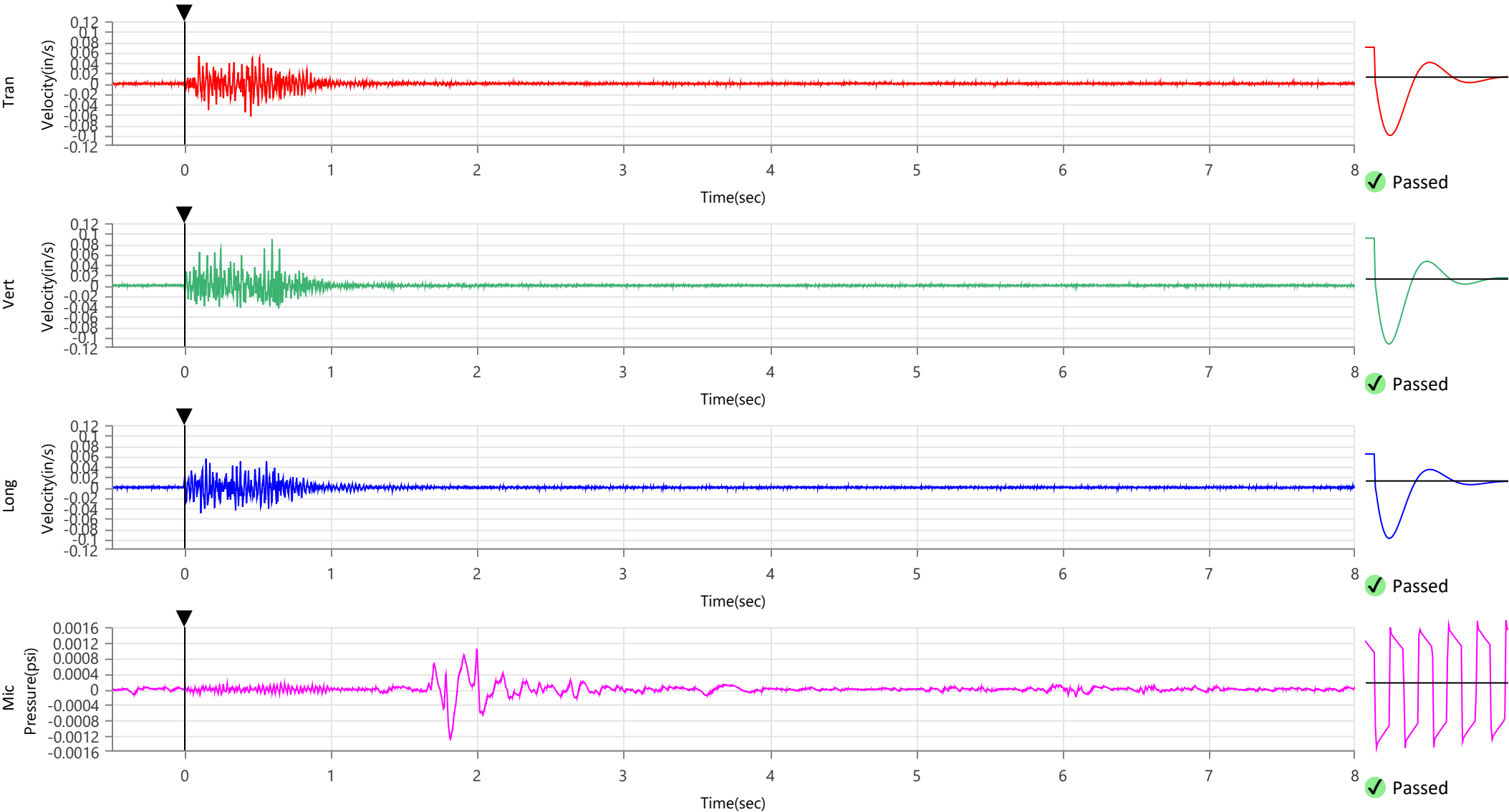
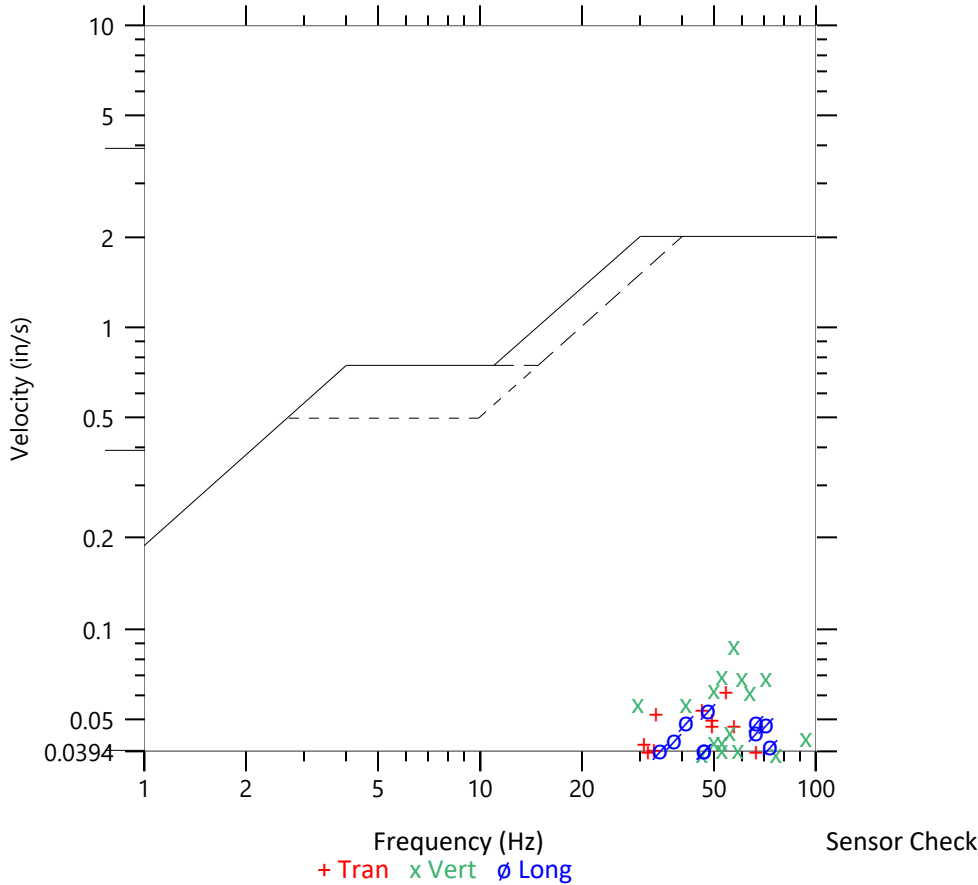
Extended Note N30.49650 W21572
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0636 in/s	0.0894 in/s	0.0552 in/s
Zero Crossing Frequency	53.9 Hz	56.9 Hz	47.6 Hz
Time (Relative to Trigger)	0.452 sec	0.596 sec	0.145 sec
Peak Acceleration	0.076 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	7.7 Hz	7.1 Hz
Overswing Ratio	3.9	3.6	5.0

Peak Vector Sum 0.0925 in/s at 0.596 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.001269 psi
Peak Sound Pressure Level 112.8 dB(L)
Time (Relative to Trigger) 1.815 sec
Zero Crossing Frequency 7.0 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1249 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



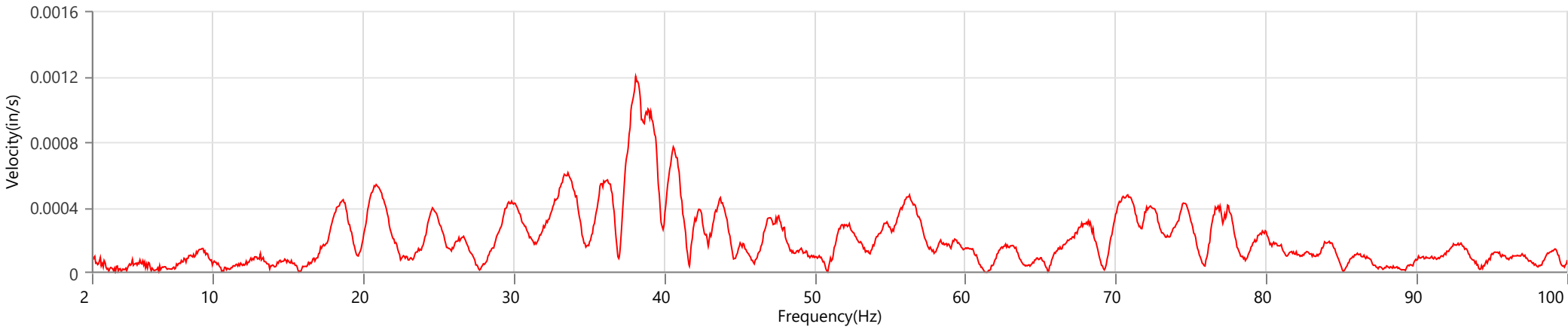
Waveform Trigger Source Long at August 28, 2025 11:40:15
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

Serial Number UM6427
Model Number Micromate ISEE 11.0AK
Battery Level 3.7 volts
Unit Calibration March 19, 2025 by Instantel
Event File Name UM6427_20250828114015.IDFW
USB Sensor Support Disabled

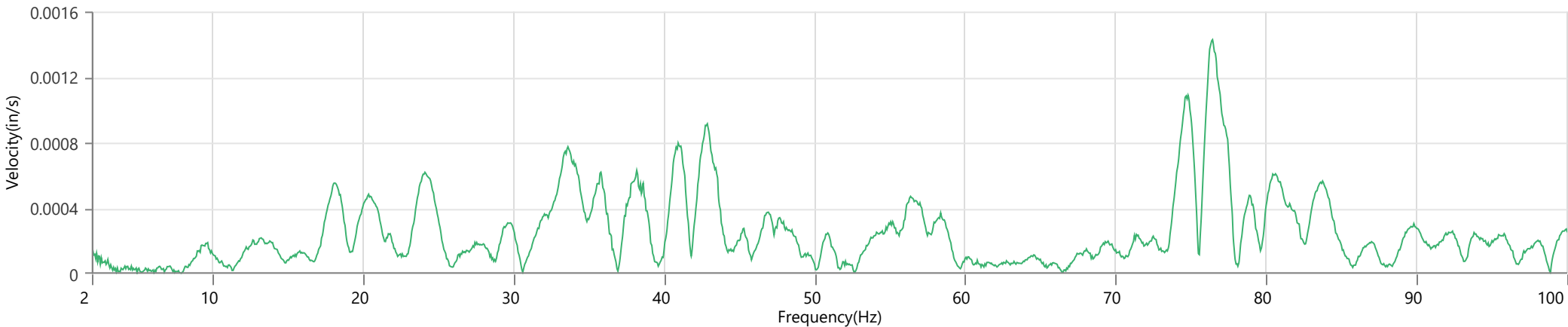
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

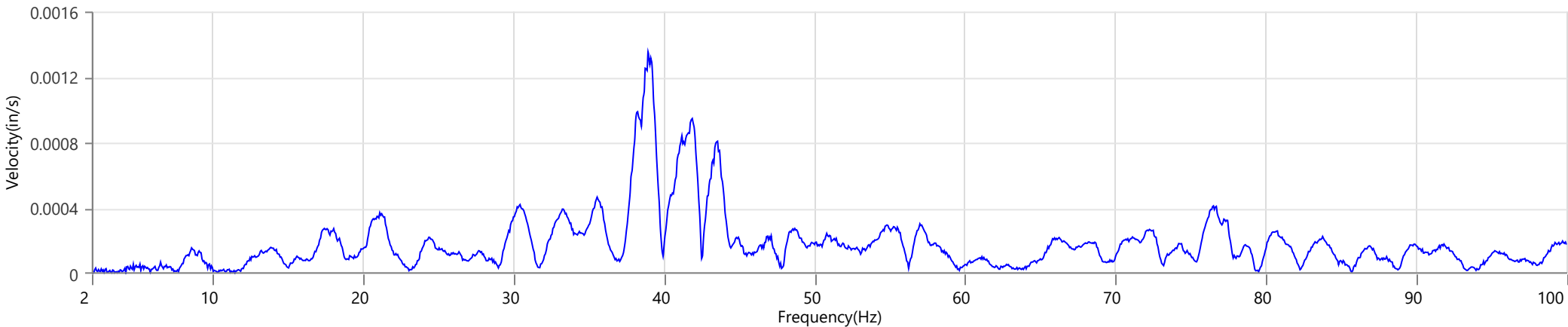
Tran - Dominant Frequency 38.1 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0636 in/s)



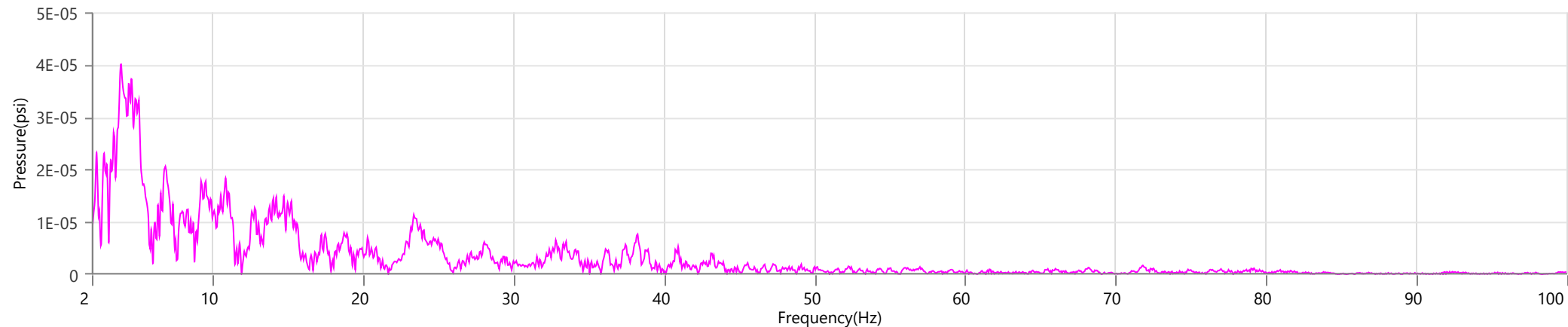
Vert - Dominant Frequency 76.4 Hz, Amplitude 0.0014 in/s (Peak Particle Velocity: 0.0894 in/s)



Long - Dominant Frequency 38.9 Hz, Amplitude 0.0014 in/s (Peak Particle Velocity: 0.0552 in/s)



Mic - Dominant Frequency 3.9 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.001269 psi)



Waveform Trigger Source Long at August 28, 2025 11:40:14
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_20250828114014.IDFW
USB Sensor Support Disabled

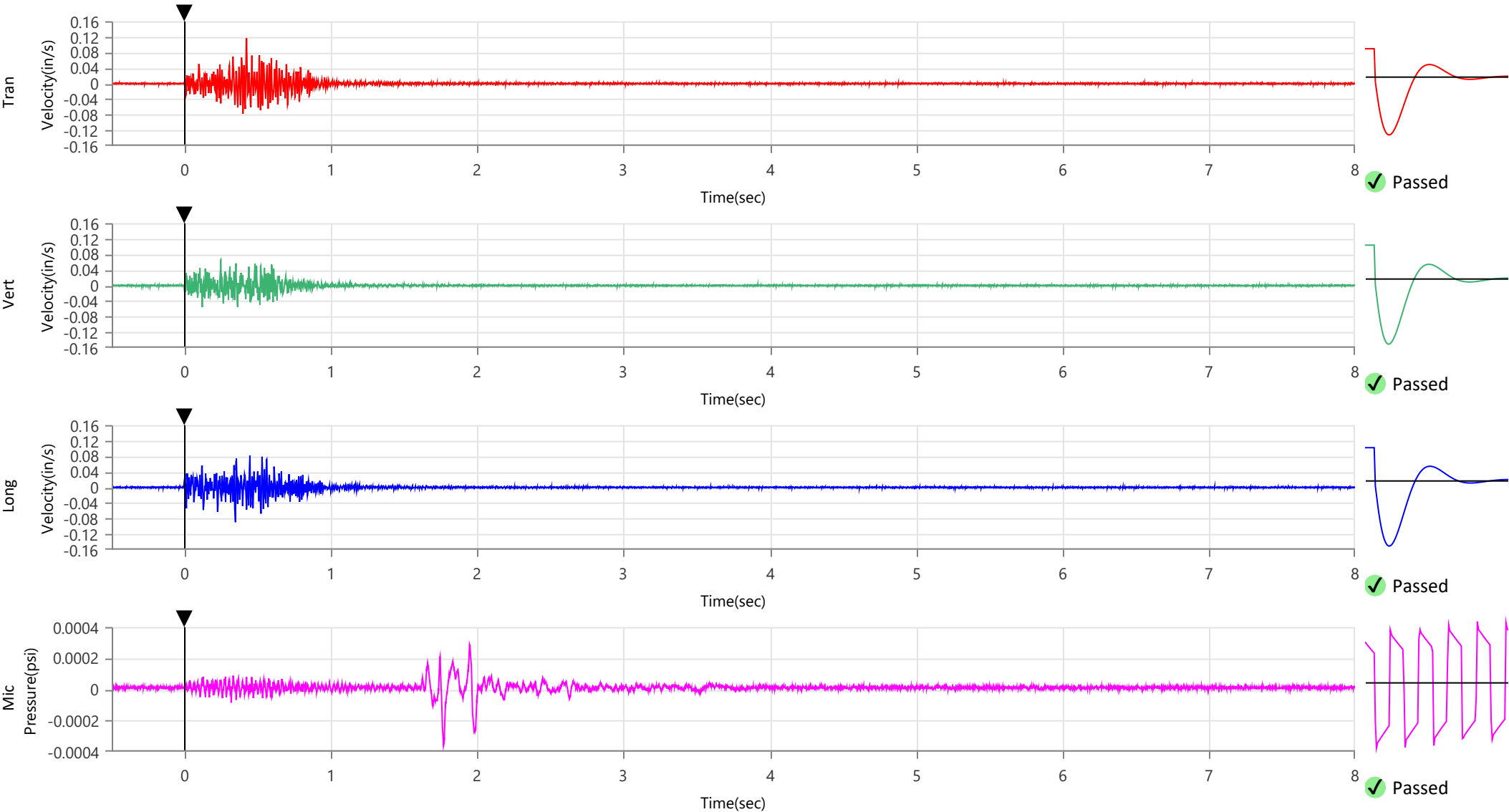
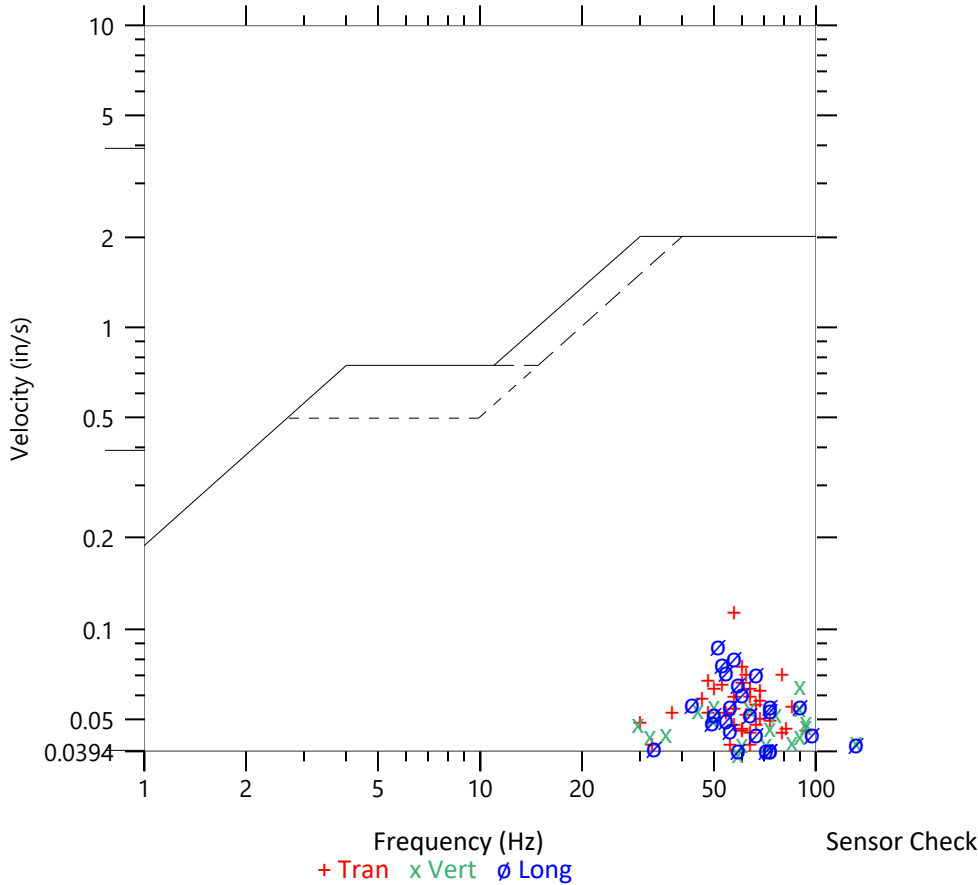
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1164 in/s	0.0661 in/s	0.0894 in/s
Zero Crossing Frequency	56.9 Hz	89.0 Hz	51.2 Hz
Time (Relative to Trigger)	0.422 sec	0.246 sec	0.347 sec
Peak Acceleration	0.105 g	0.109 g	0.132 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	4.5	4.4	4.4
Peak Vector Sum	0.1280 in/s at 0.422 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000362 psi
Peak Sound Pressure Level 101.9 dB(L)
Time (Relative to Trigger) 1.769 sec
Zero Crossing Frequency 12.0 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1276 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



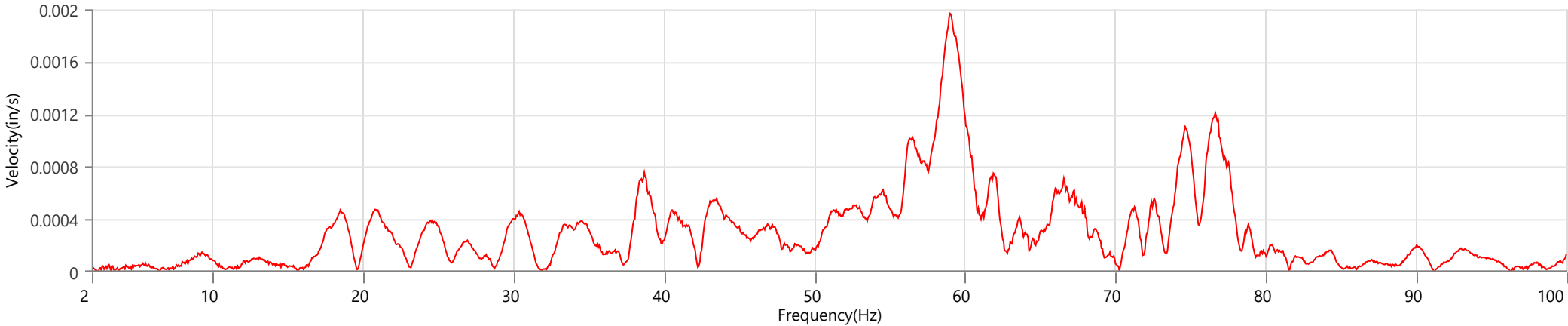
Waveform Trigger Source Long at August 28, 2025 11:40:14
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20250828114014.IDFW
USB Sensor Support Disabled

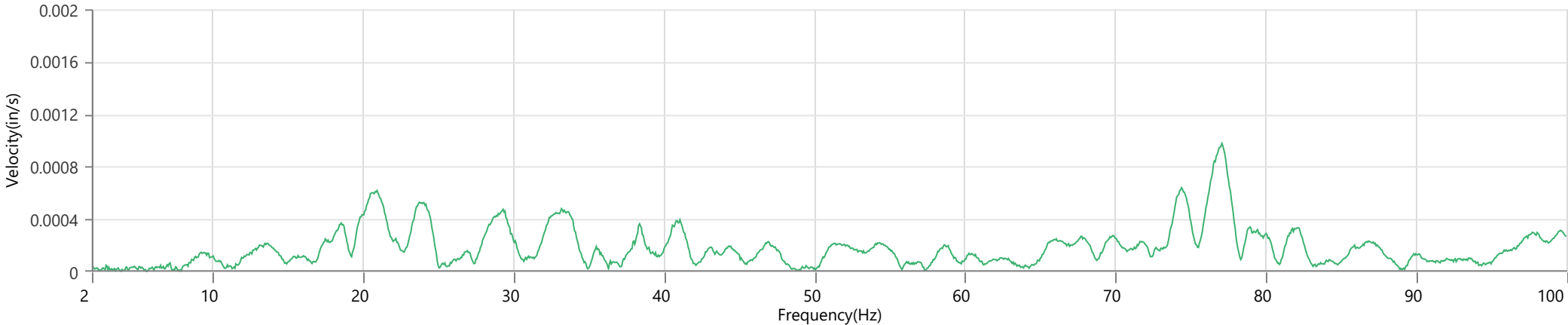
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

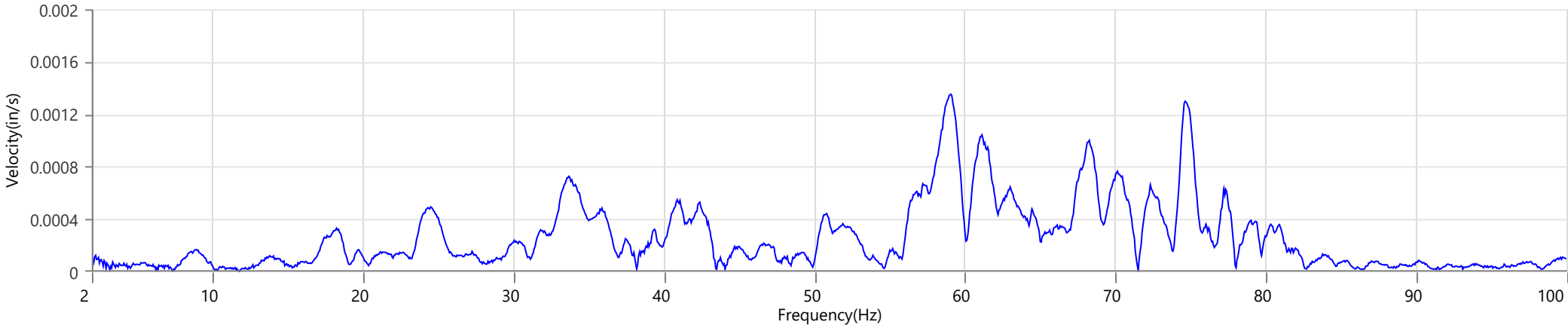
Tran - Dominant Frequency 59.0 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.1164 in/s)



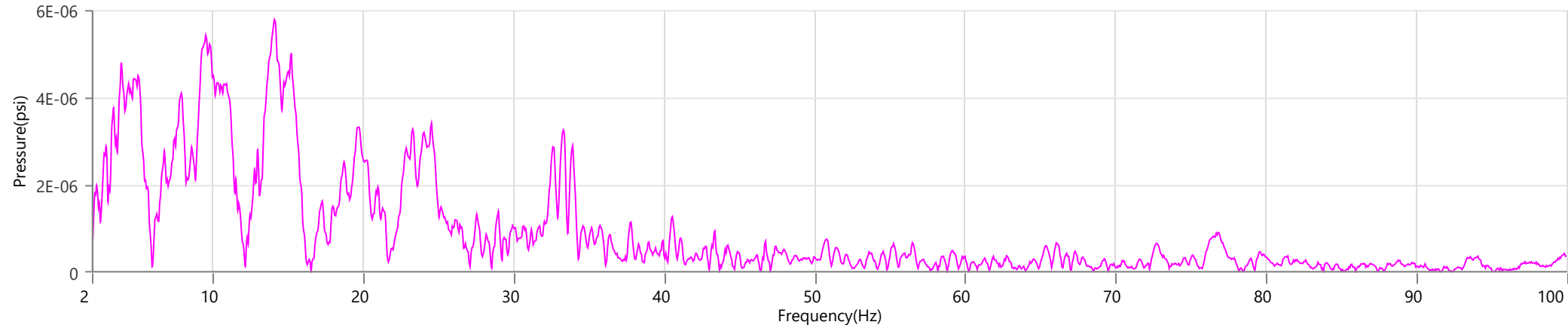
Vert - Dominant Frequency 77.1 Hz, Amplitude 0.0010 in/s (Peak Particle Velocity: 0.0661 in/s)



Long - Dominant Frequency 59.1 Hz, Amplitude 0.0014 in/s (Peak Particle Velocity: 0.0894 in/s)



Mic - Dominant Frequency 14.1 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000362 psi)



Waveform Trigger Source Long at August 28, 2025 11:40:15
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_20250828114015.IDFW
USB Sensor Support Disabled

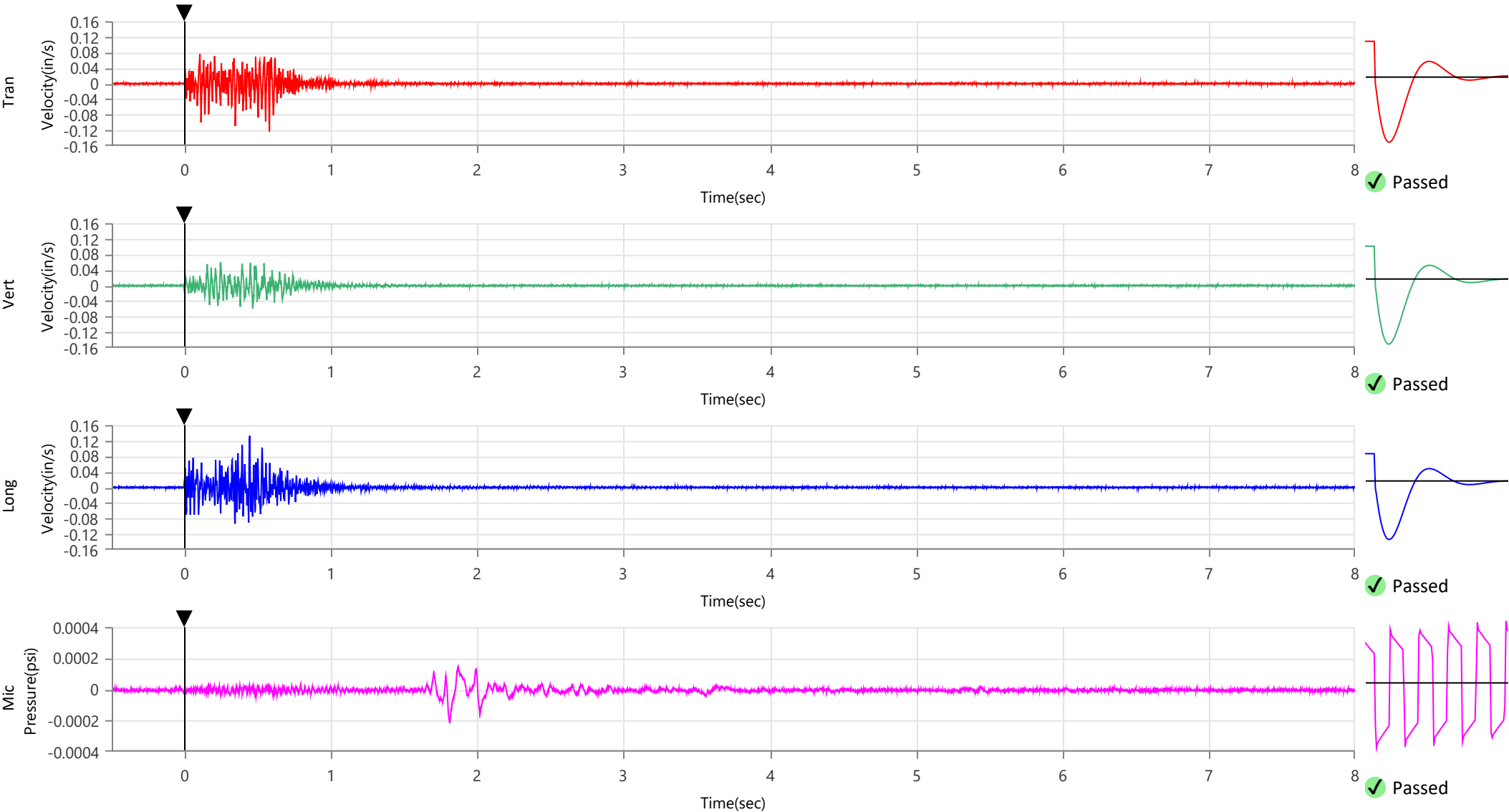
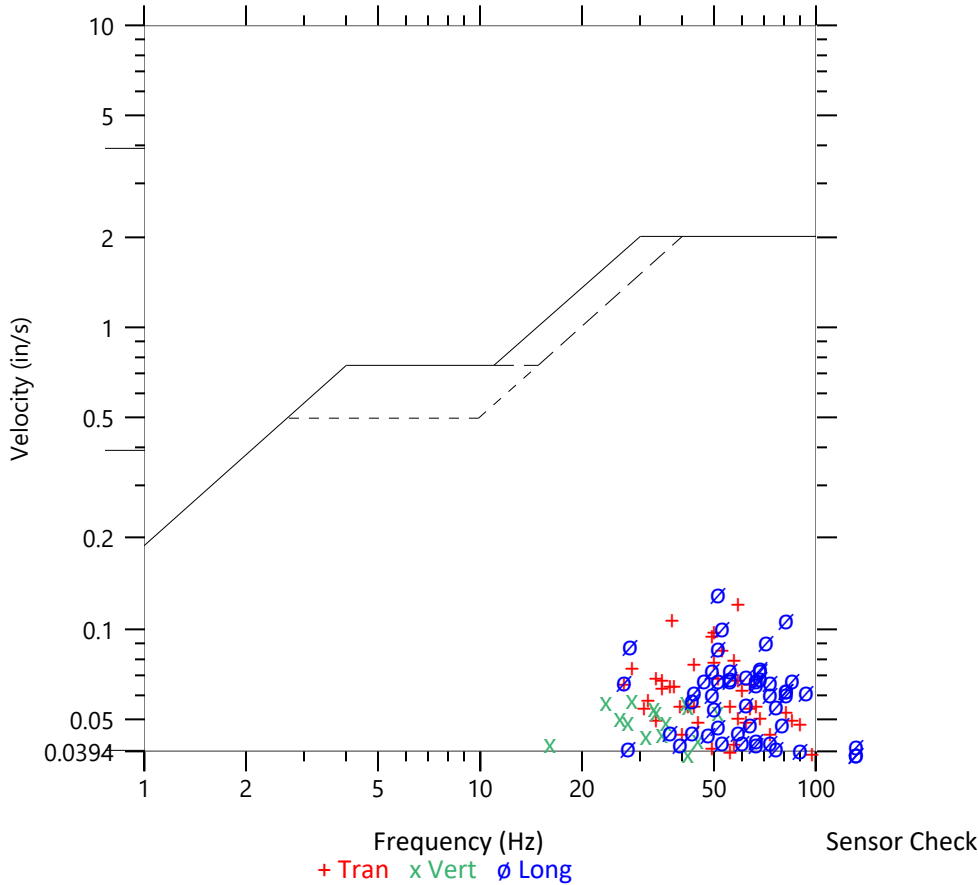
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1235 in/s	0.0599 in/s	0.1325 in/s
Zero Crossing Frequency	58.5 Hz	28.4 Hz	51.2 Hz
Time (Relative to Trigger)	0.579 sec	0.245 sec	0.444 sec
Peak Acceleration	0.118 g	0.063 g	0.155 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	4.7	4.7
Peak Vector Sum	0.1369 in/s at 0.444 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000214 psi
Peak Sound Pressure Level 97.3 dB(L)
Time (Relative to Trigger) 1.810 sec
Zero Crossing Frequency 8.8 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1271 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



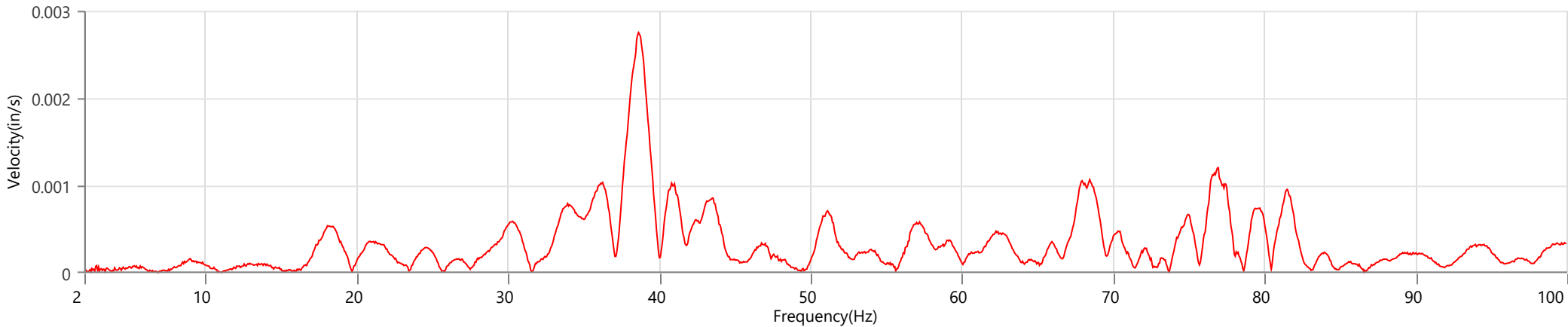
Waveform Trigger Source Long at August 28, 2025 11:40:15
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

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_20250828114015.IDFW
USB Sensor Support Disabled

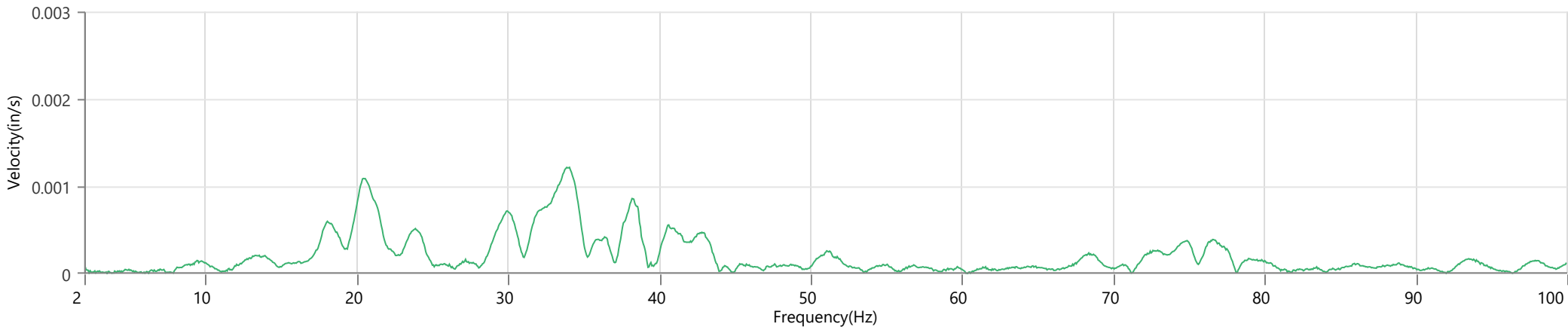
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

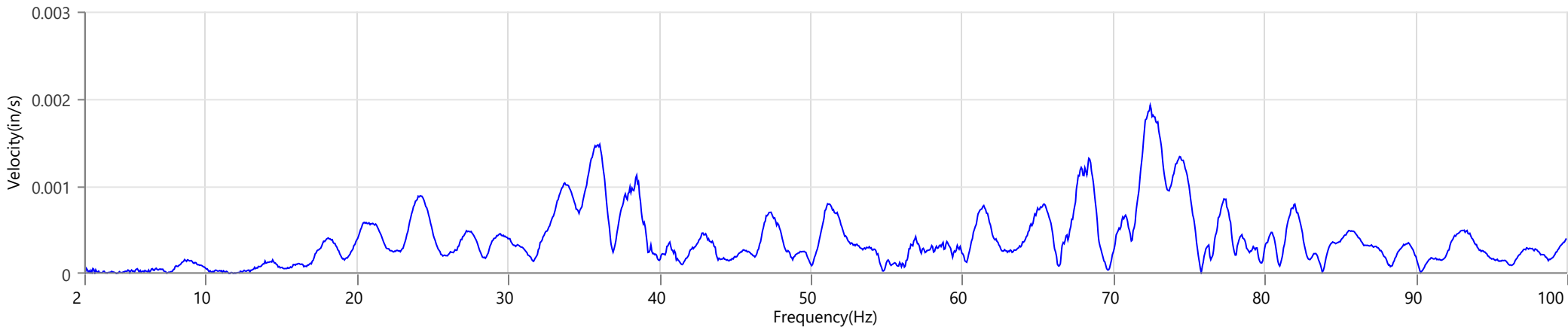
Tran - Dominant Frequency 38.6 Hz, Amplitude 0.0028 in/s (Peak Particle Velocity: 0.1235 in/s)



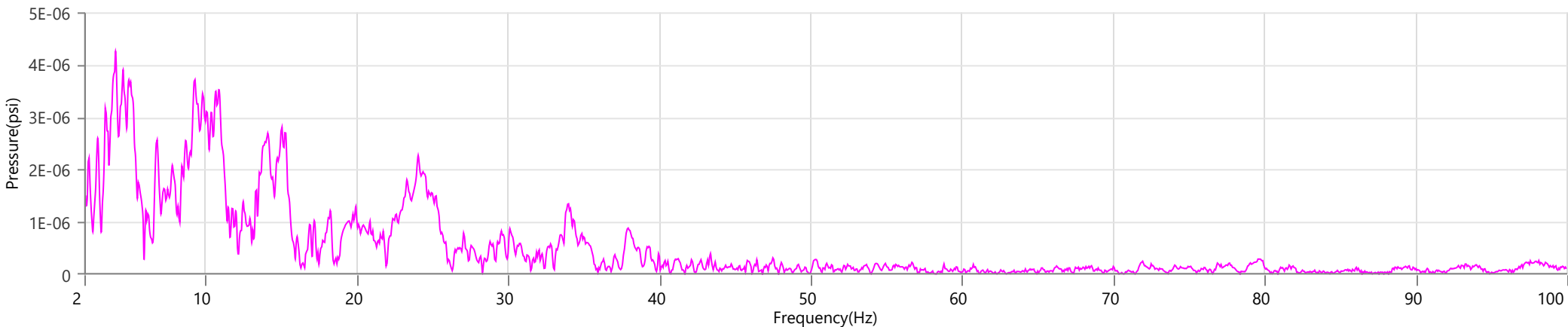
Vert - Dominant Frequency 34.1 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0599 in/s)



Long - Dominant Frequency 72.4 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1325 in/s)



Mic - Dominant Frequency 4.1 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000214 psi)



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

Tran at August 28, 2025 11:40:15
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 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_20250828114015.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

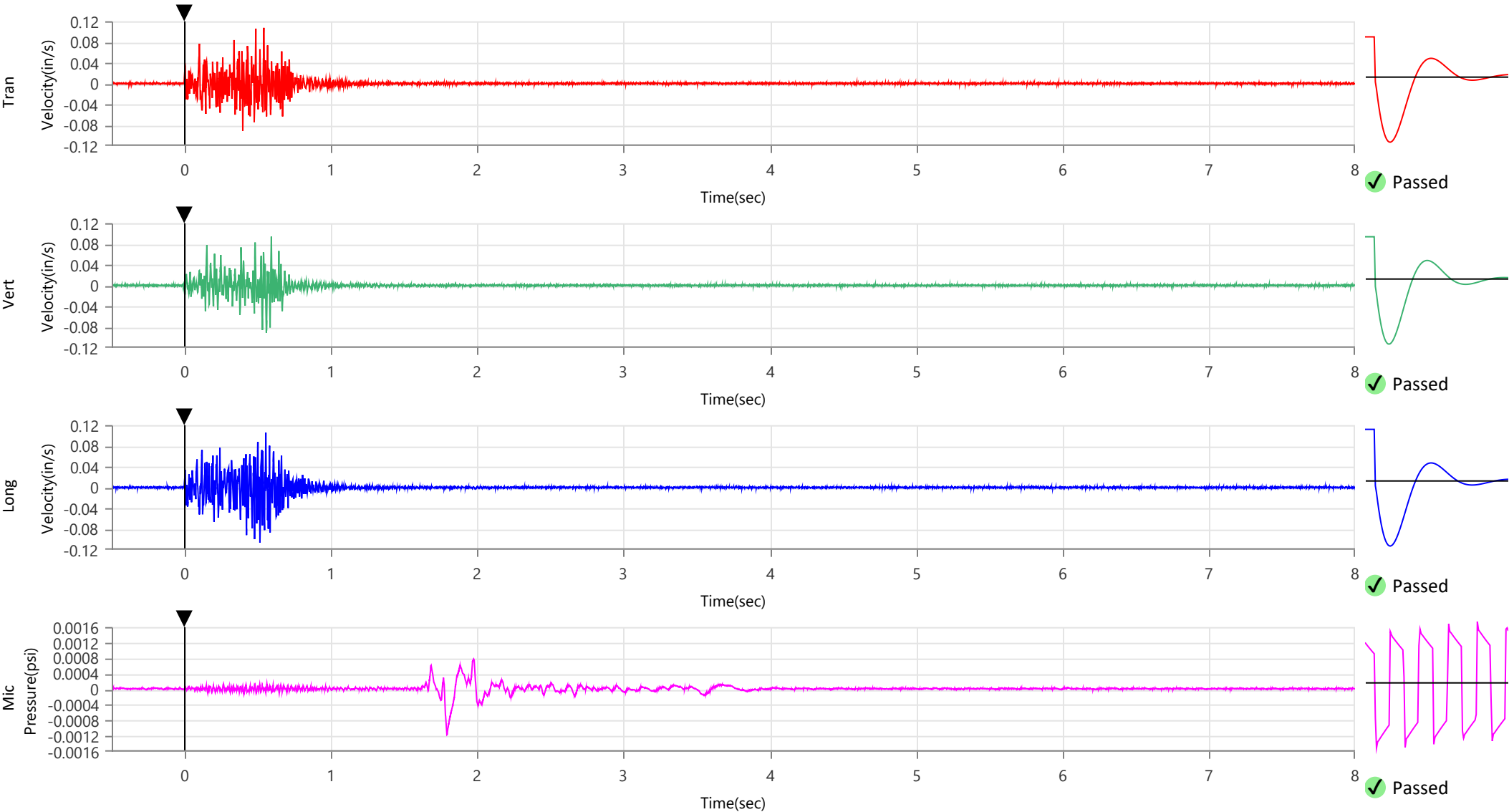
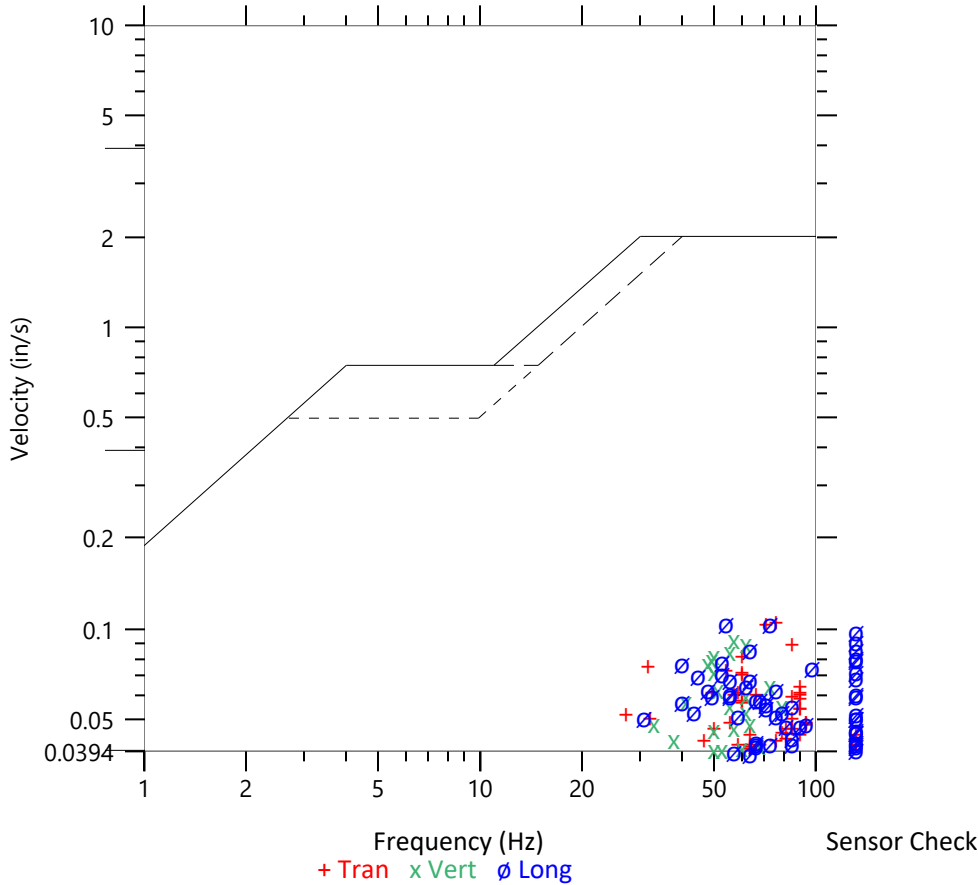
Tran	Vert	Long
0.1074 in/s	0.0940 in/s	0.1064 in/s
75.9 Hz	56.9 Hz	53.9 Hz
0.541 sec	0.592 sec	0.514 sec
0.138 g	0.112 g	0.197 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.7 Hz	7.1 Hz
3.4	3.5	3.6

Peak Vector Sum 0.1282 in/s at 0.540 sec

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

0.001172 psi
112.1 dB(L)
1.793 sec
6.8 Hz
✓ Passed
19.7 Hz
1258 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



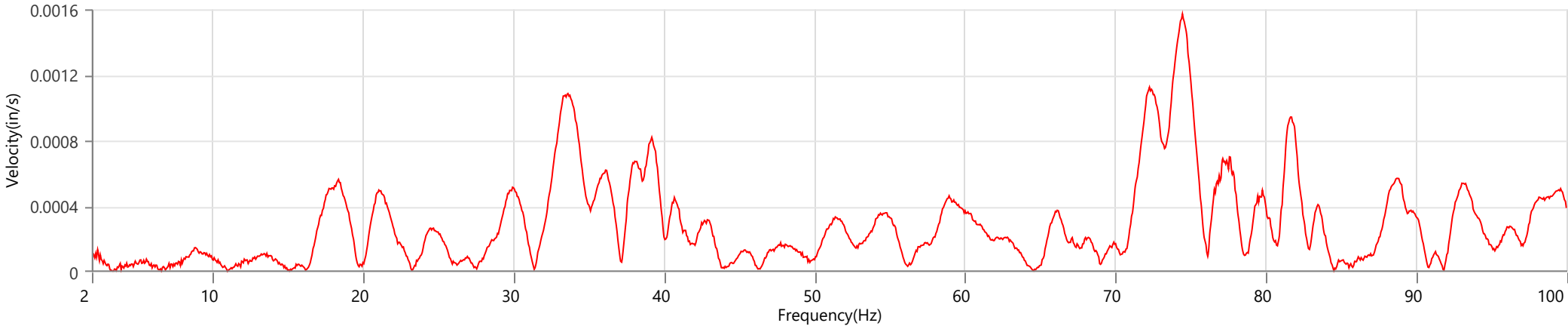
Waveform Trigger Source Tran at August 28, 2025 11:40:15
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

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_20250828114015.IDFW
USB Sensor Support Disabled

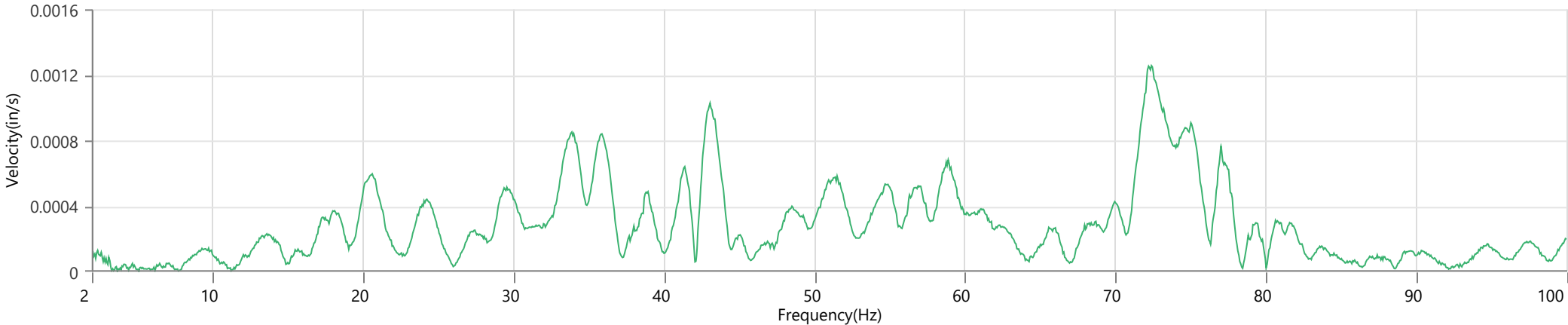
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

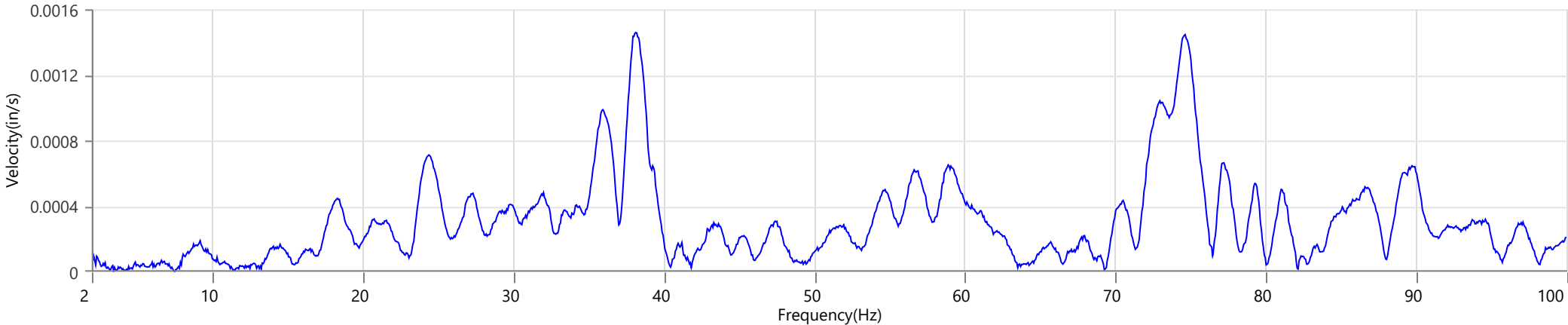
Tran - Dominant Frequency 74.4 Hz, Amplitude 0.0016 in/s (Peak Particle Velocity: 0.1074 in/s)



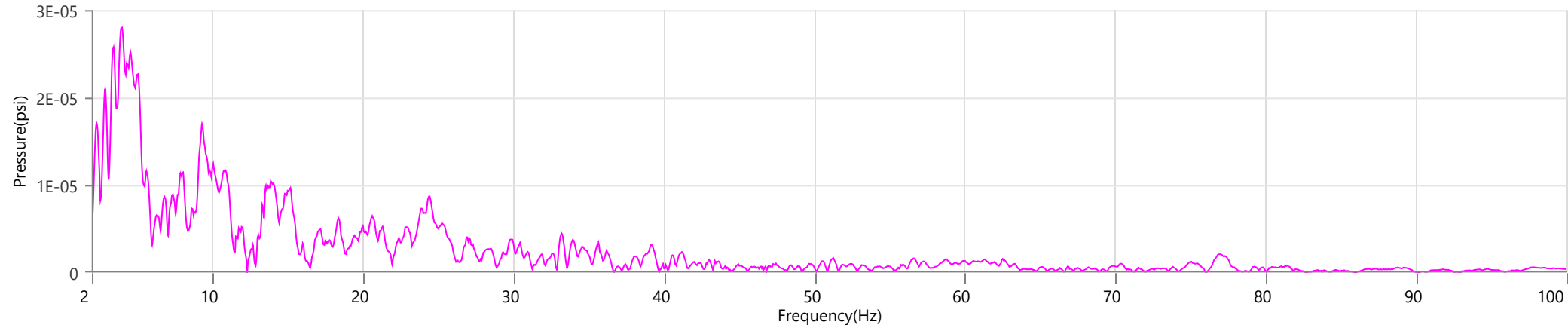
Vert - Dominant Frequency 72.4 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.0940 in/s)



Long - Dominant Frequency 38.1 Hz, Amplitude 0.0015 in/s (Peak Particle Velocity: 0.1064 in/s)



Mic - Dominant Frequency 4.0 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.001172 psi)



Waveform Trigger Source Long at August 28, 2025 11:40:15
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_20250828114015.IDFW
USB Sensor Support Disabled

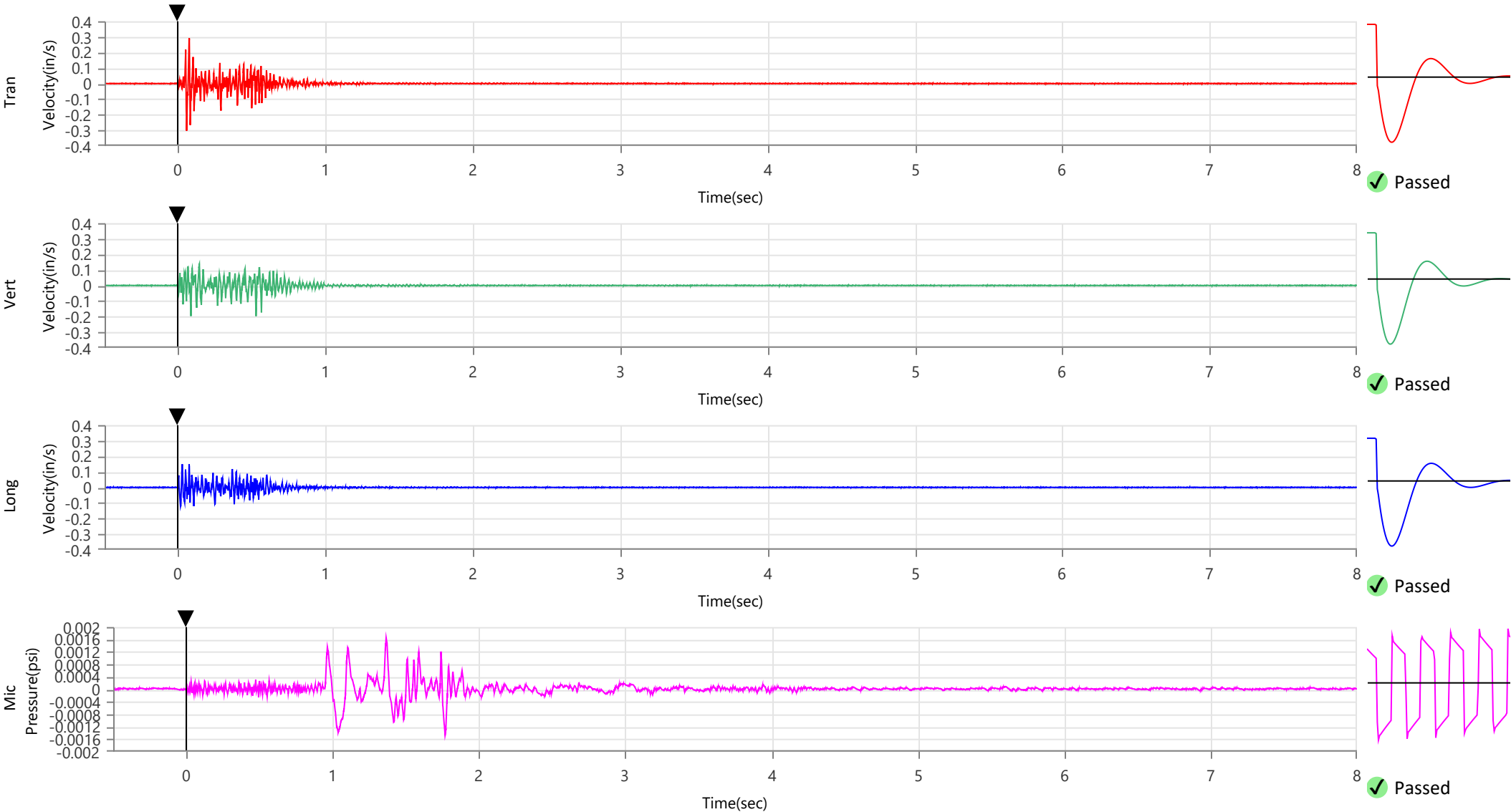
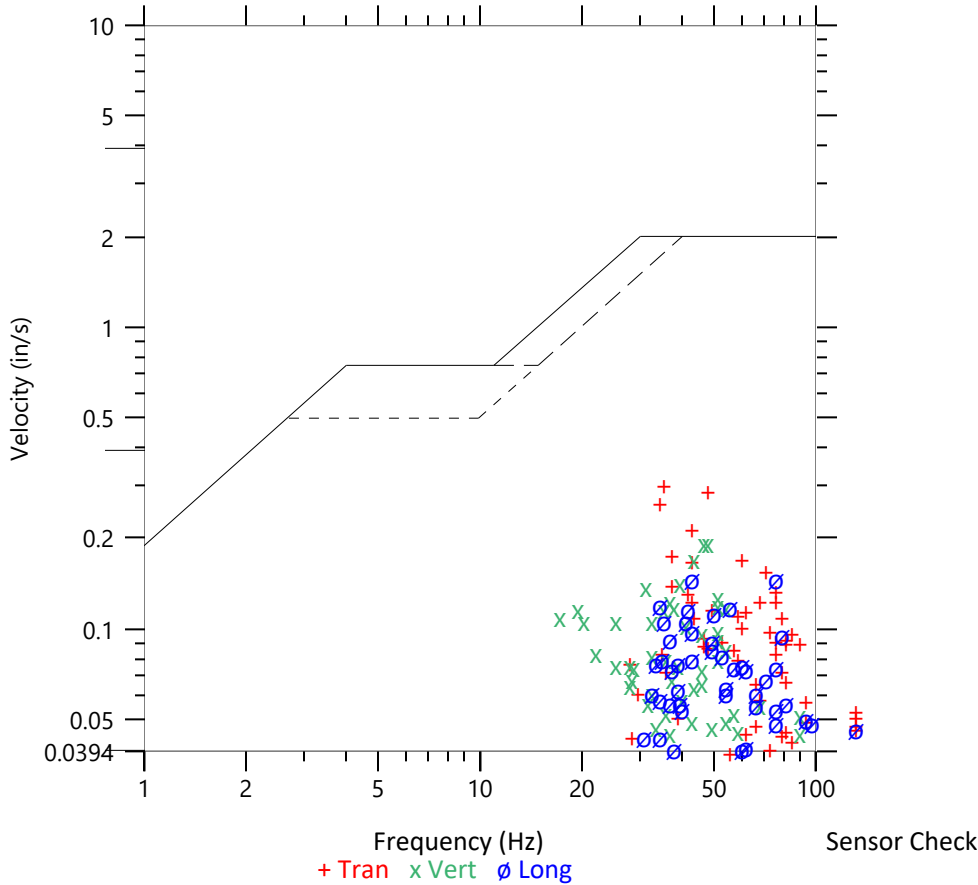
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.3032 in/s	0.1967 in/s	0.1489 in/s
Zero Crossing Frequency	35.3 Hz	47.6 Hz	42.7 Hz
Time (Relative to Trigger)	0.057 sec	0.529 sec	0.028 sec
Peak Acceleration	0.349 g	0.161 g	0.171 g
Peak Displacement	0.001 in	0.001 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.9 Hz	7.3 Hz
Overswing Ratio	3.5	3.6	3.6
Peak Vector Sum	0.3278 in/s at 0.074 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.001658 psi
Peak Sound Pressure Level 115.1 dB(L)
Time (Relative to Trigger) 1.366 sec
Zero Crossing Frequency 11.7 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1347 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



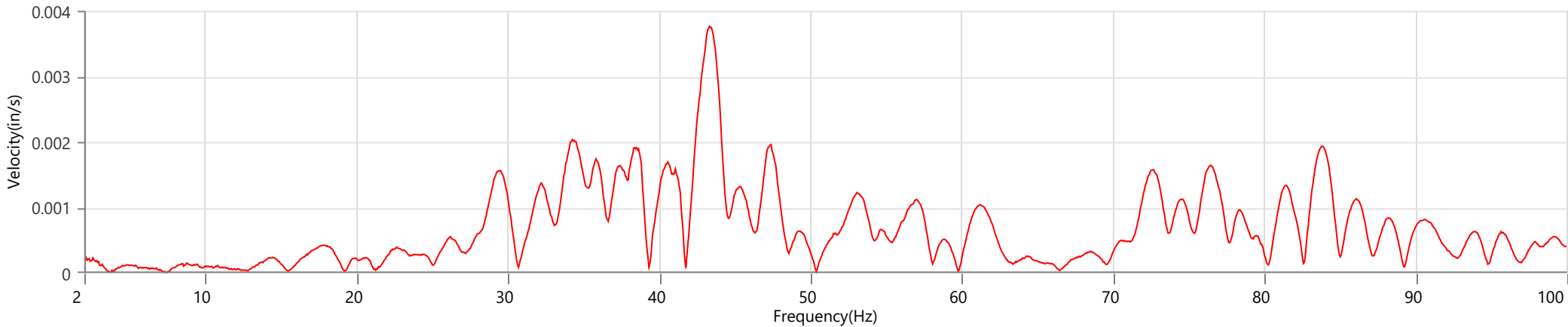
Waveform Trigger Source Long at August 28, 2025 11:40:15
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

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_20250828114015.IDFW
USB Sensor Support Disabled

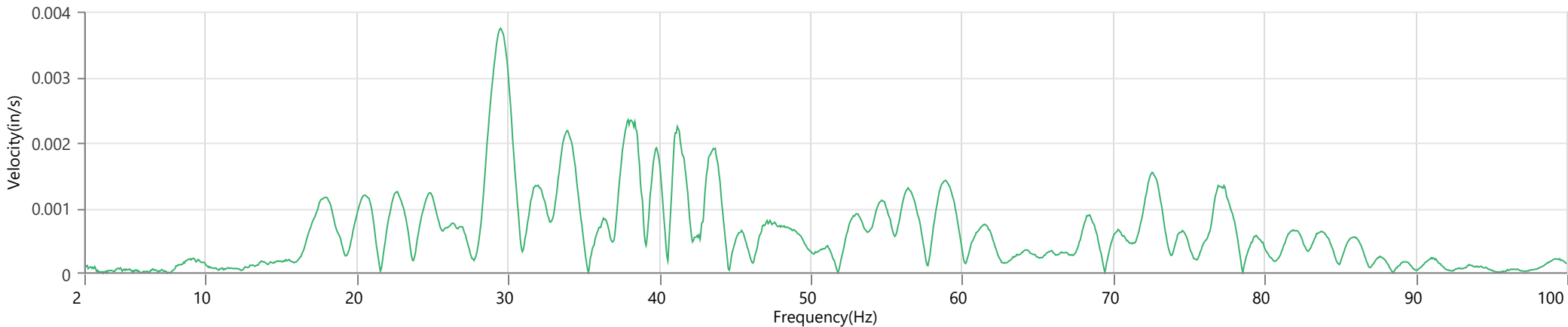
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

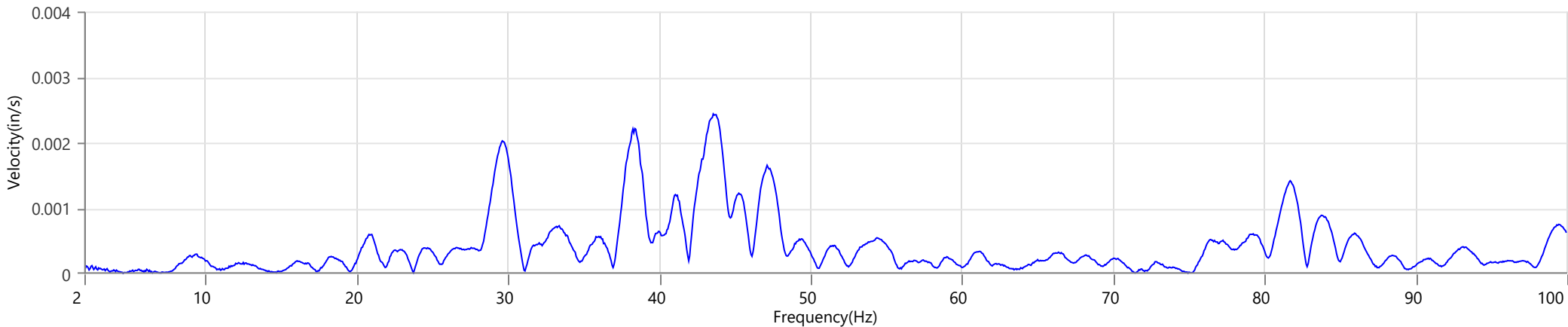
Tran - Dominant Frequency 43.3 Hz, Amplitude 0.0038 in/s (Peak Particle Velocity: 0.3032 in/s)



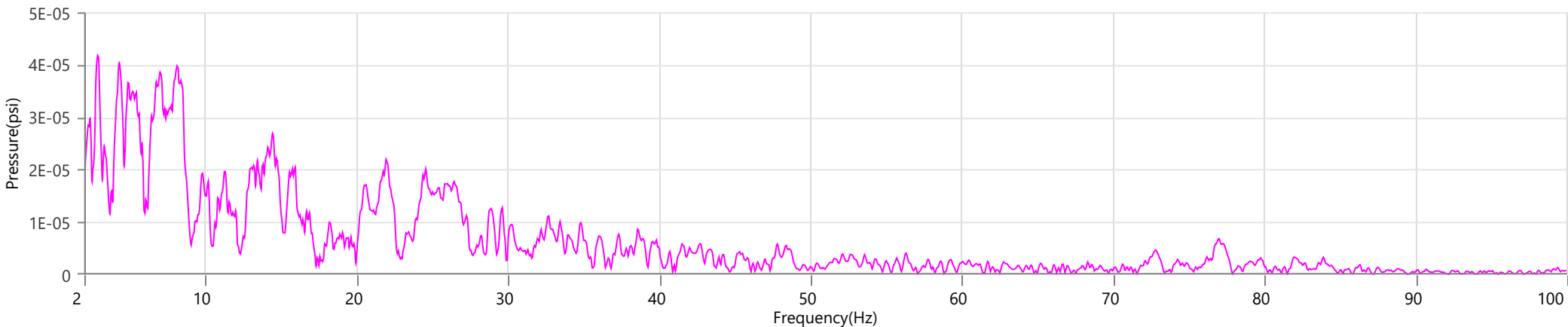
Vert - Dominant Frequency 29.5 Hz, Amplitude 0.0037 in/s (Peak Particle Velocity: 0.1967 in/s)



Long - Dominant Frequency 43.6 Hz, Amplitude 0.0024 in/s (Peak Particle Velocity: 0.1489 in/s)



Mic - Dominant Frequency 2.9 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.001658 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

August 28, 2025 00:00:05

August 28, 2025 23:30:00

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_20250828000005.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

73.8 dB(A)

Aug 28, 2025

08:53:05

LMin

L10

L90

Leq

33.9

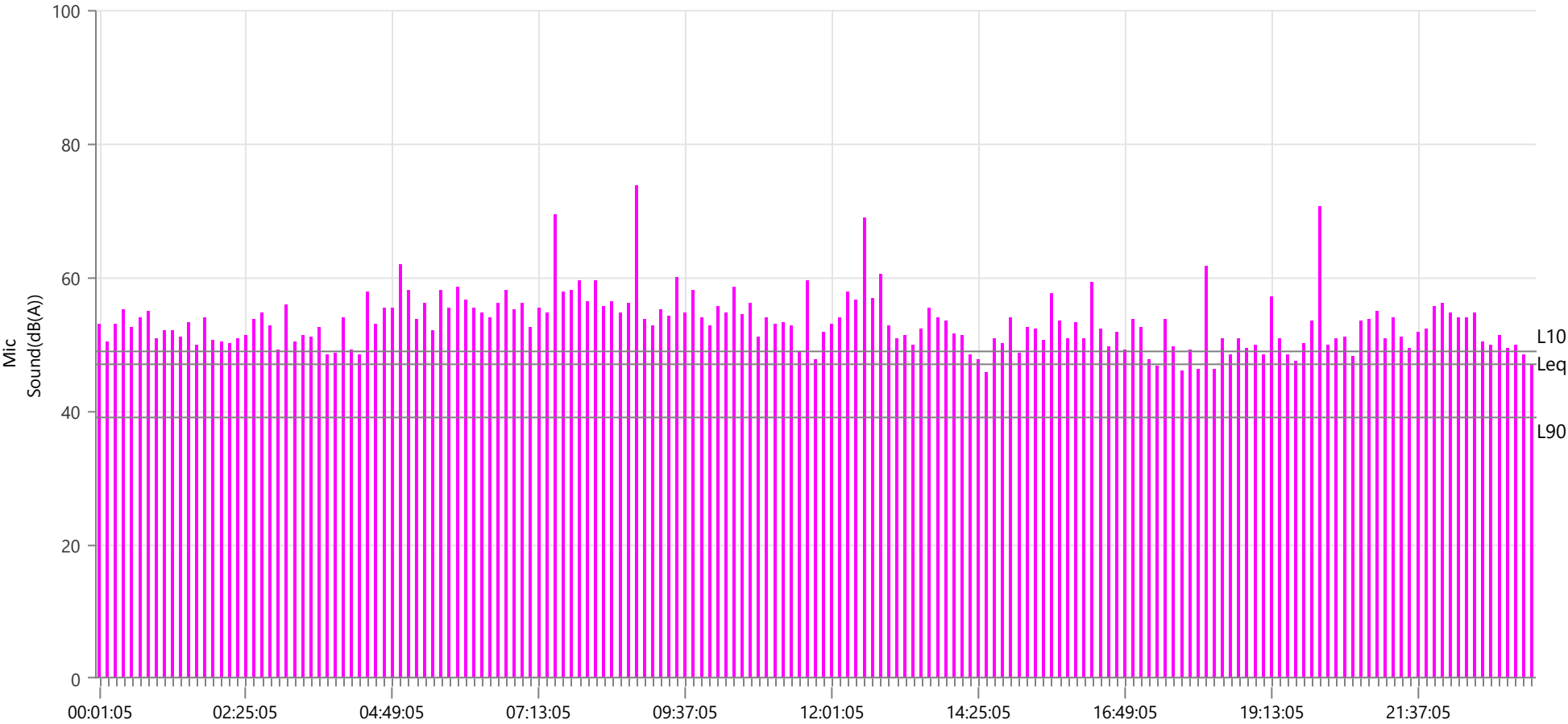
49

39

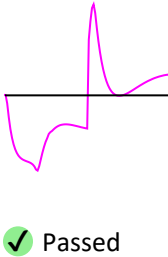
47.0

✓ Passed

1085 mv



Sensor Check



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

August 28, 2025 00:00:05

August 28, 2025 23:29:59

42297.25/2 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_20250828000005.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

79.7 dB(A)

Aug 28, 2025

13:02:57

LMin

L10

L90

Leq

36.0

55

39

51.2

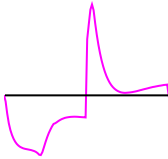
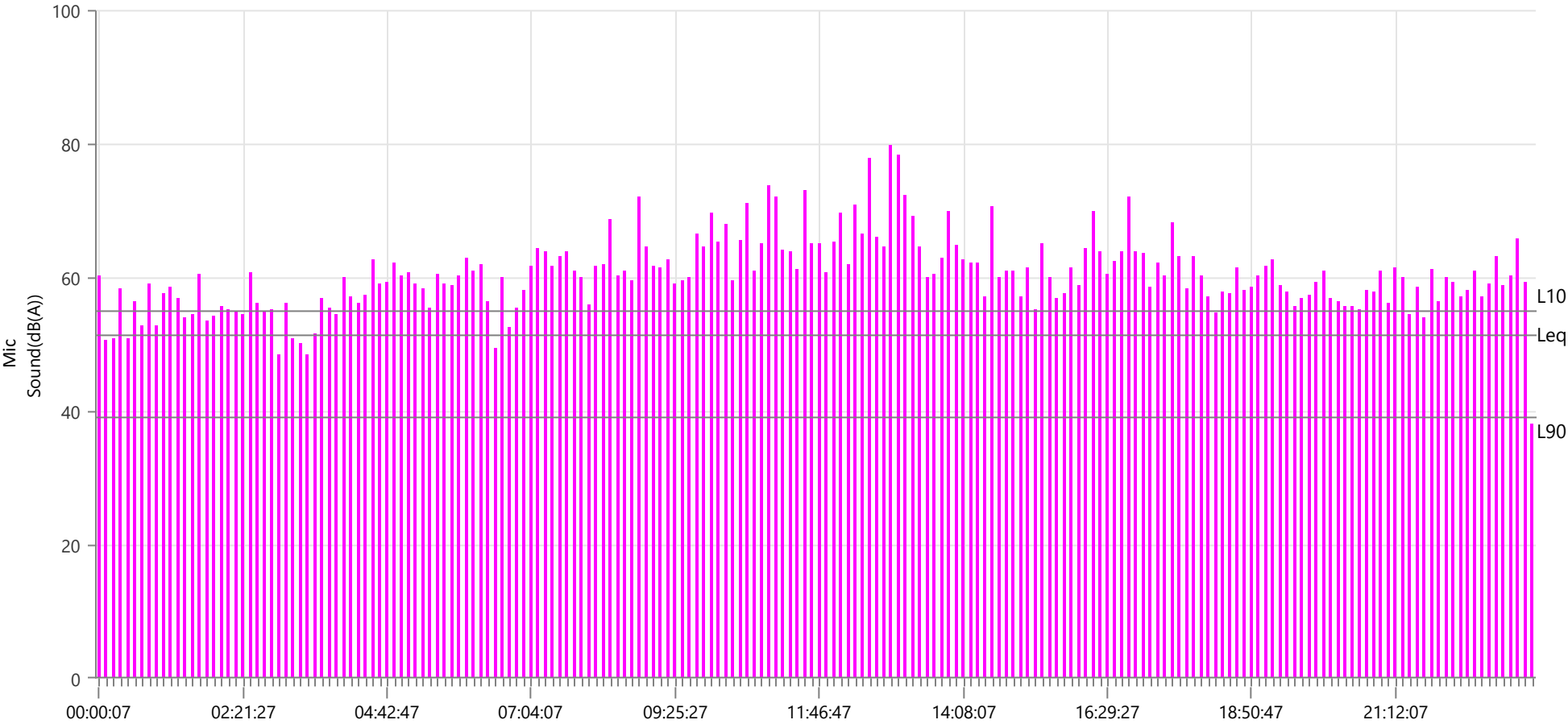
Sound(dB(A))

Sensor Check

Test Amplitude

✓ Passed

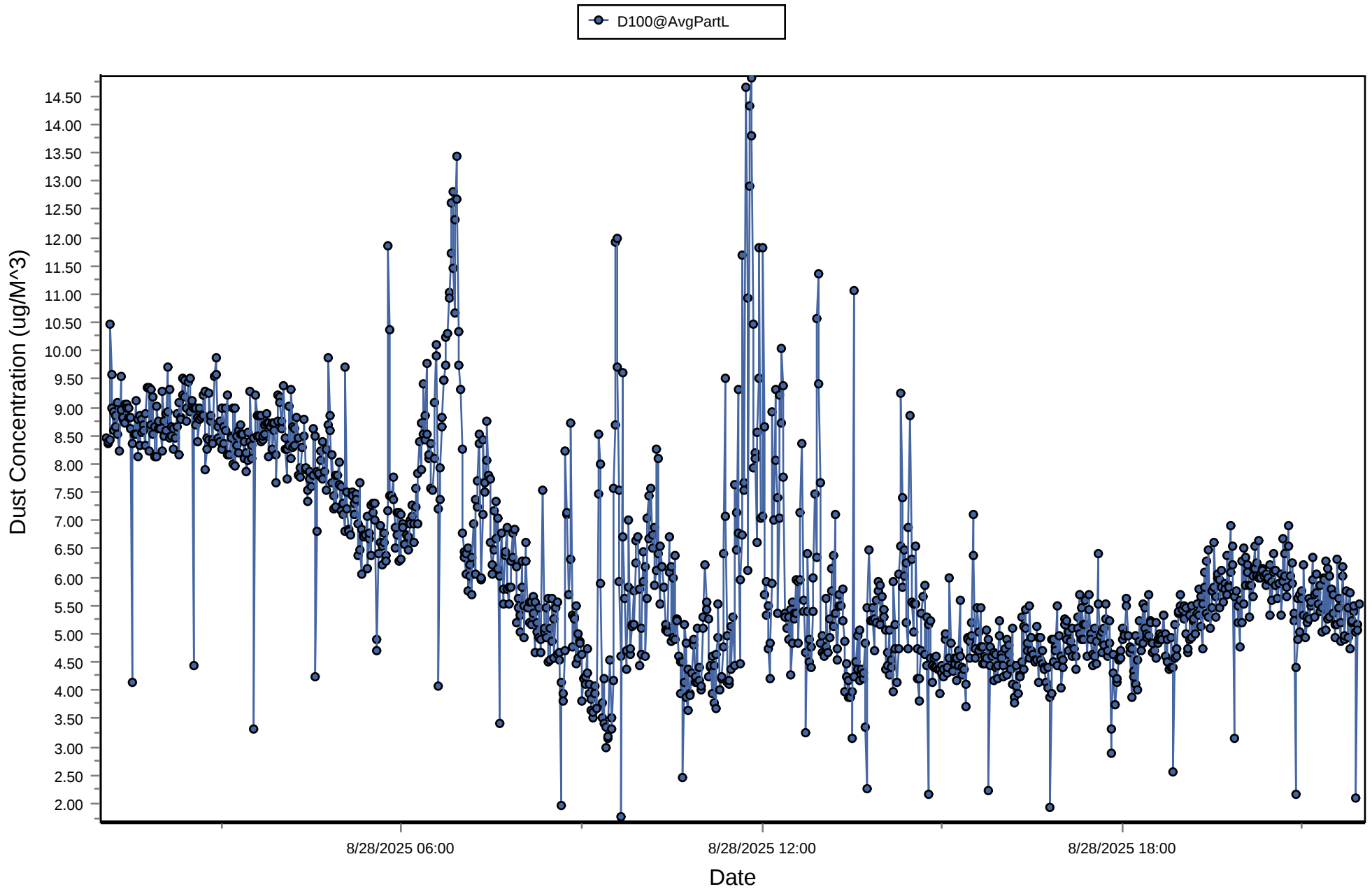
957 mv



✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

