

Waveform Trigger Source Long at November 7, 2025 12:23:27
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 3.8 volts
Unit Calibration March 19, 2025 by Instantel
Event File Name UM6427_20251107122327.IDFW
USB Sensor Support Disabled

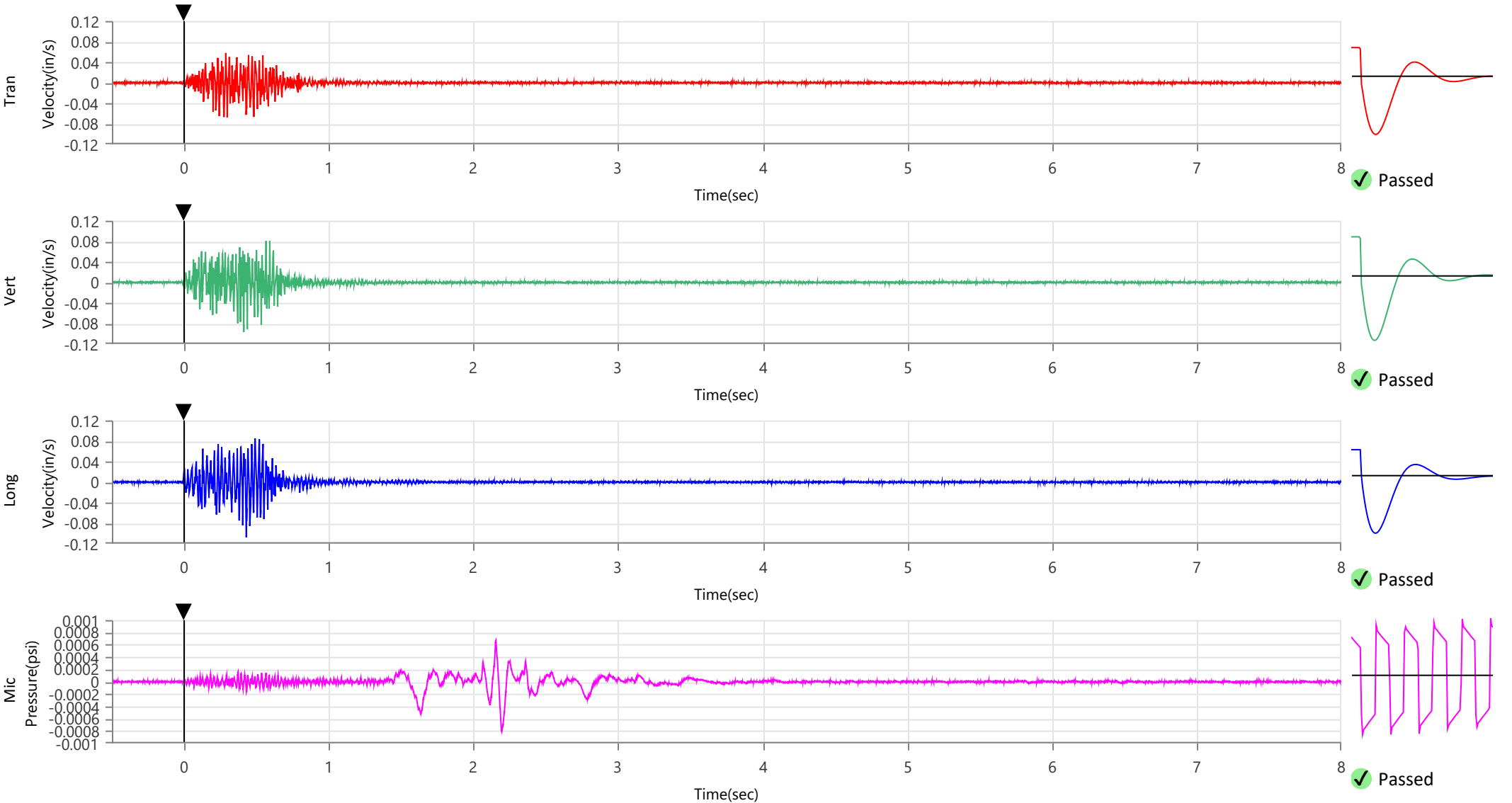
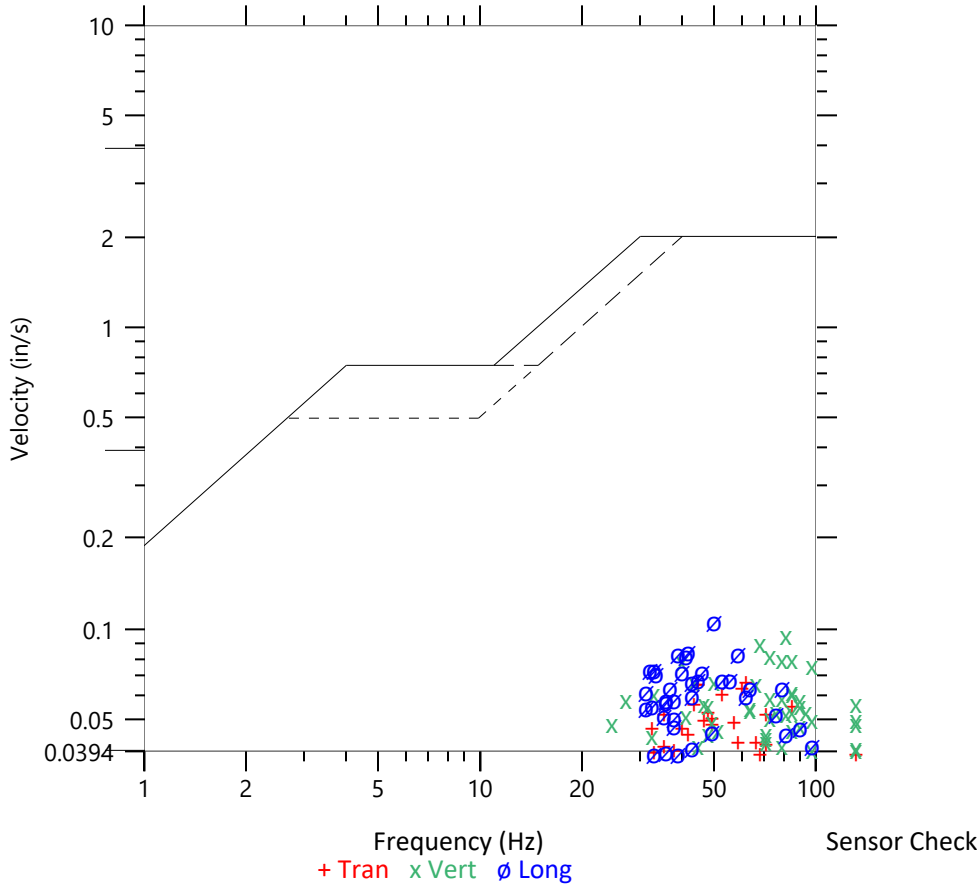
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0680 in/s	0.0968 in/s	0.1077 in/s
Zero Crossing Frequency	62.1 Hz	81.9 Hz	50.0 Hz
Time (Relative to Trigger)	0.298 sec	0.412 sec	0.430 sec
Peak Acceleration	0.102 g	0.132 g	0.128 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	4.0	3.8	5.1
Peak Vector Sum	0.1243 in/s at 0.429 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000808 psi
Peak Sound Pressure Level 108.9 dB(L)
Time (Relative to Trigger) 2.196 sec
Zero Crossing Frequency 9.3 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1382 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



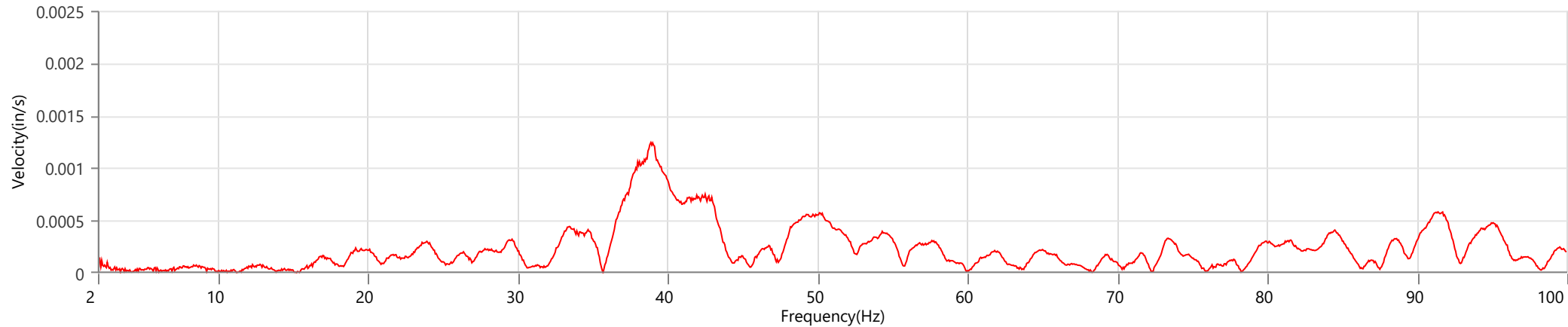
Waveform Trigger Source Long at November 7, 2025 12:23:27
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

Serial Number UM6427
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration March 19, 2025 by Instantel
Event File Name UM6427_20251107122327.IDFW
USB Sensor Support Disabled

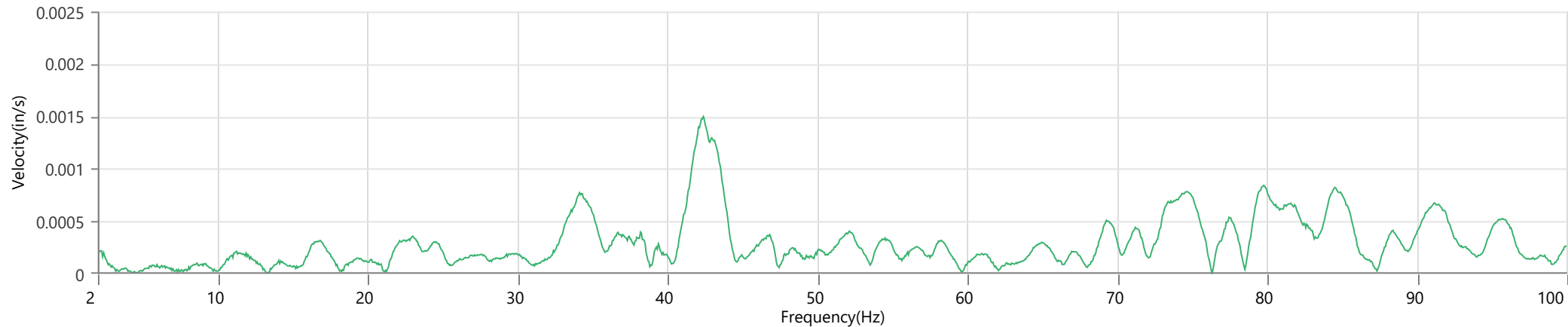
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

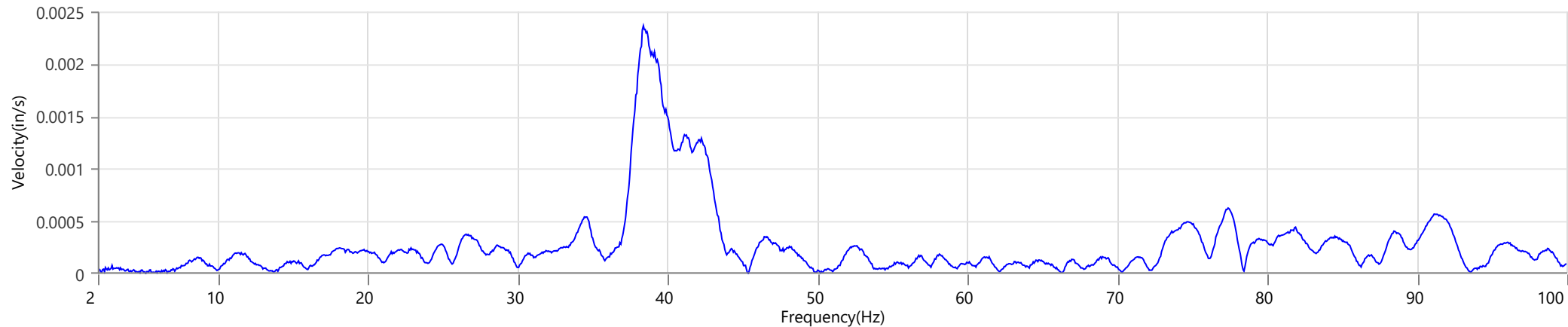
Tran - Dominant Frequency 38.9 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0680 in/s)



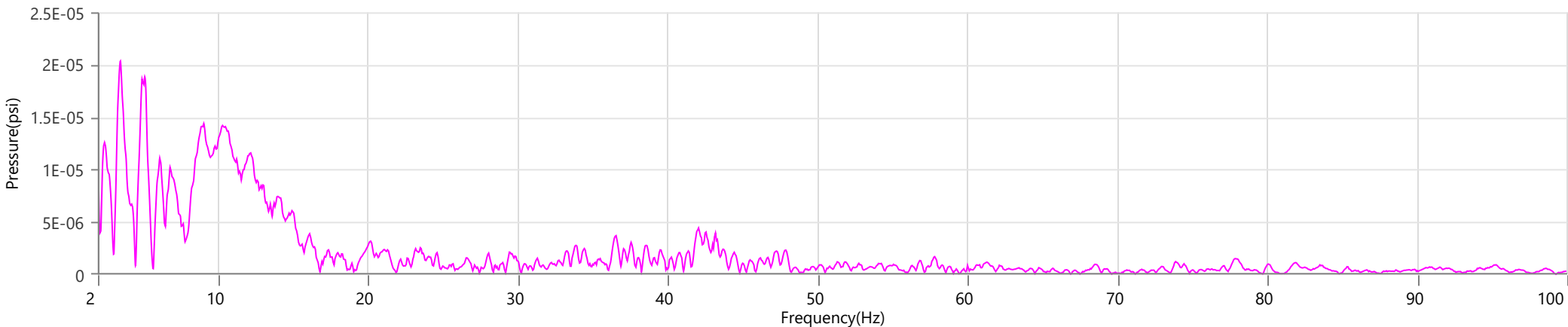
Vert - Dominant Frequency 42.4 Hz, Amplitude 0.0015 in/s (Peak Particle Velocity: 0.0968 in/s)



Long - Dominant Frequency 38.4 Hz, Amplitude 0.0024 in/s (Peak Particle Velocity: 0.1077 in/s)



Mic - Dominant Frequency 3.5 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000808 psi)



Waveform Trigger Source Long at November 7, 2025 12:23:27
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_20251107122327.IDFW
USB Sensor Support Disabled

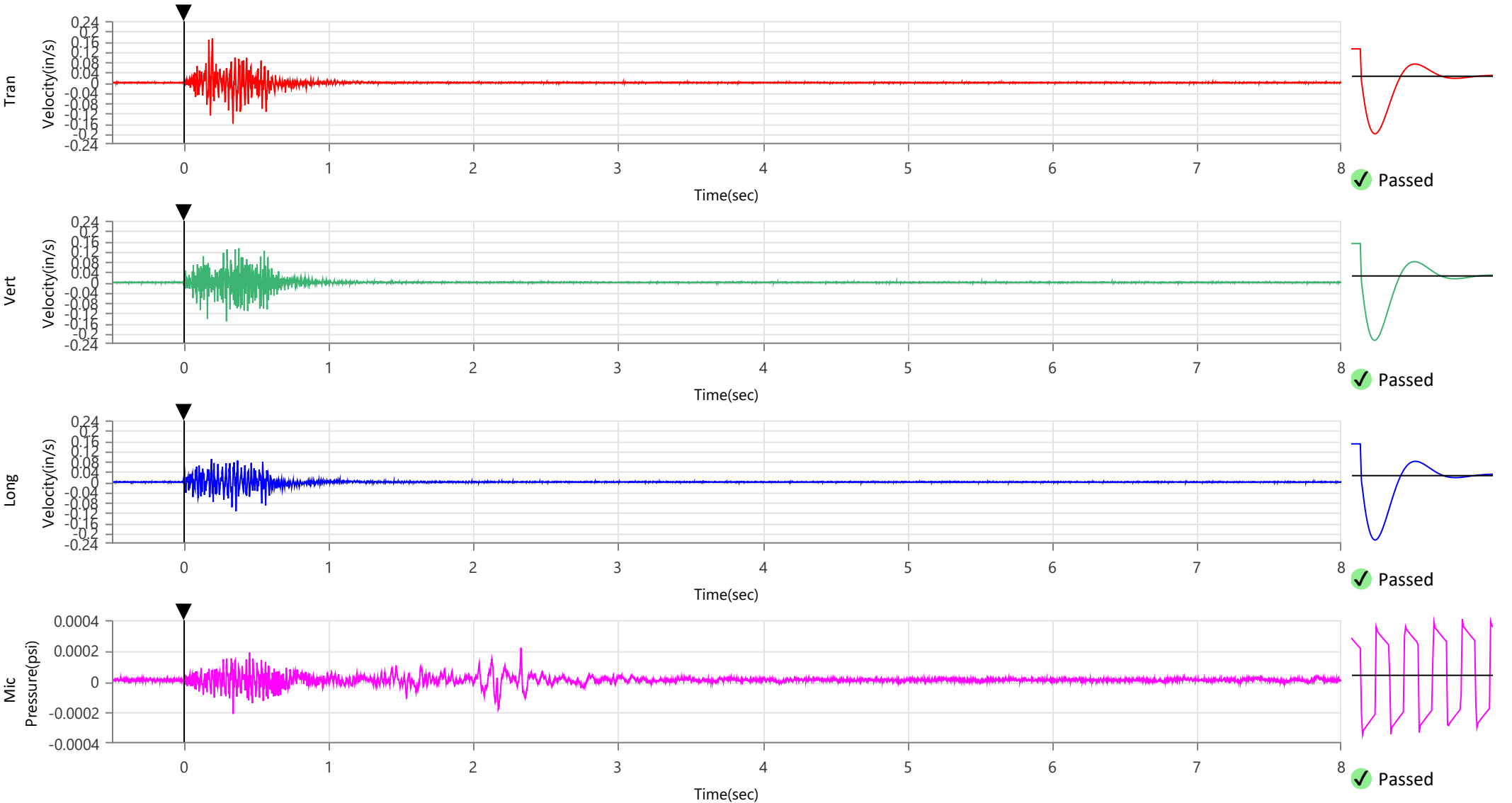
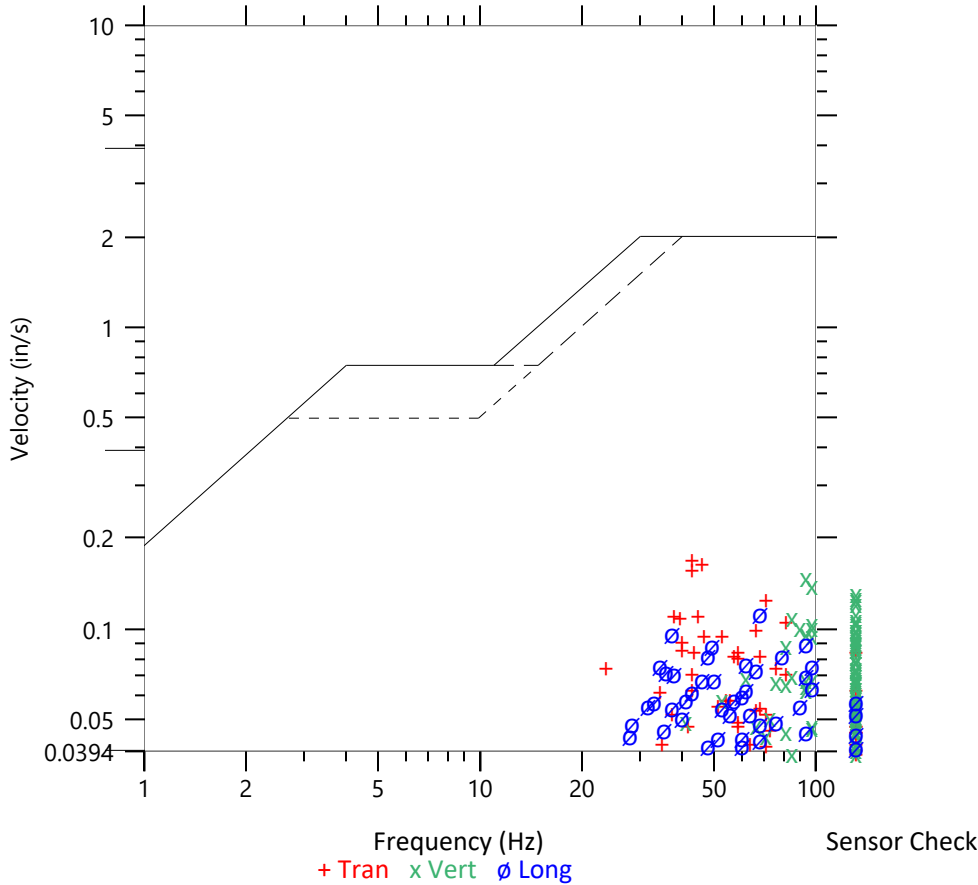
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1725 in/s	0.1517 in/s	0.1142 in/s
Zero Crossing Frequency	42.7 Hz	93.1 Hz	68.3 Hz
Time (Relative to Trigger)	0.195 sec	0.292 sec	0.359 sec
Peak Acceleration	0.220 g	0.293 g	0.158 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	4.5
Peak Vector Sum	0.1799 in/s at 0.195 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000221 psi
Peak Sound Pressure Level 97.6 dB(L)
Time (Relative to Trigger) 2.329 sec
Zero Crossing Frequency 20.3 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1367 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



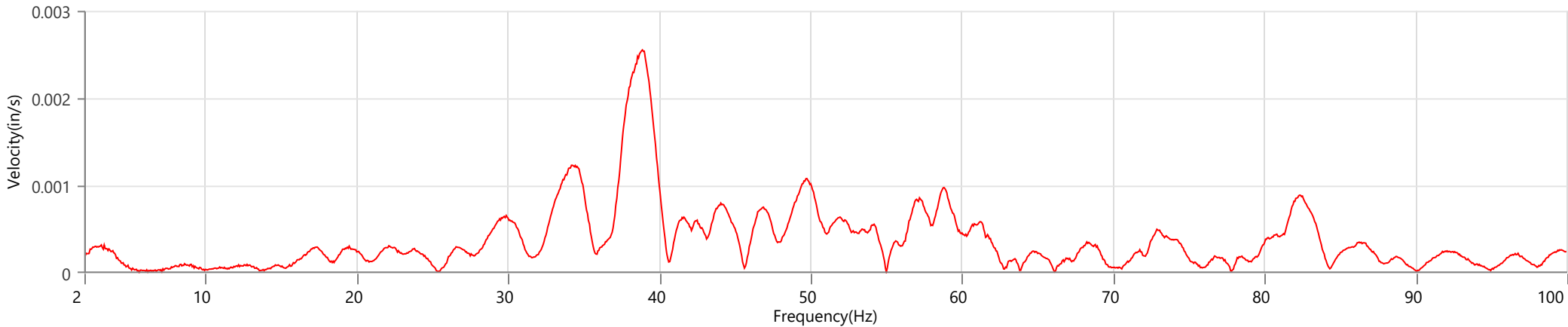
Waveform Trigger Source Long at November 7, 2025 12:23:27
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20251107122327.IDFW
USB Sensor Support Disabled

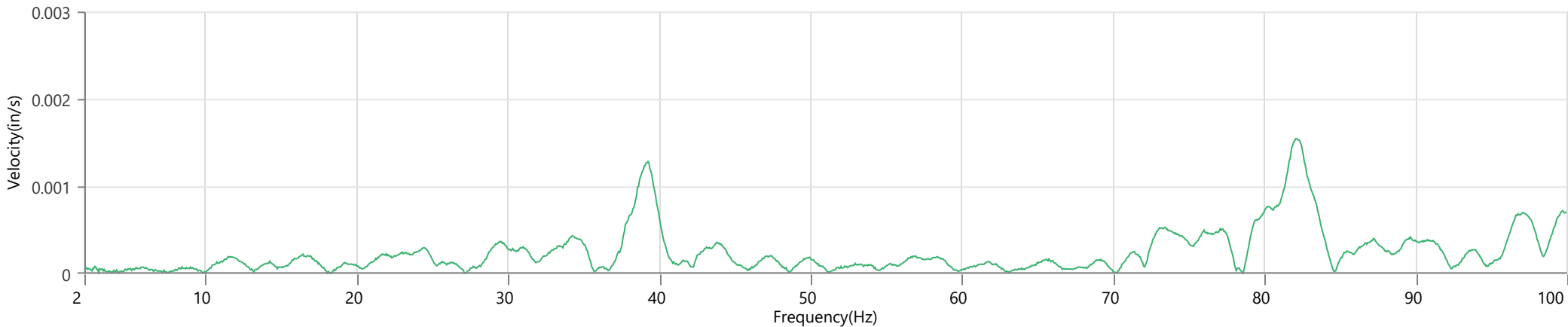
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

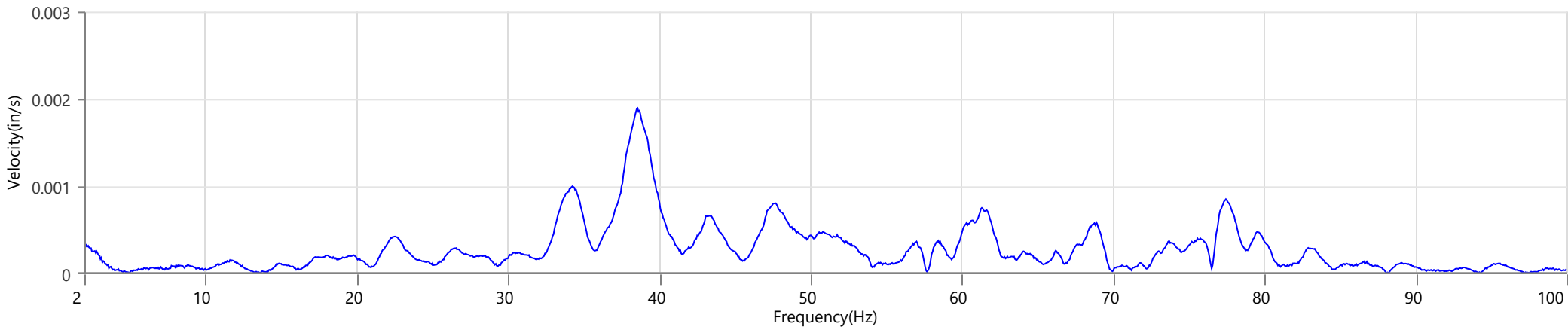
Tran - Dominant Frequency 38.9 Hz, Amplitude 0.0026 in/s (Peak Particle Velocity: 0.1725 in/s)



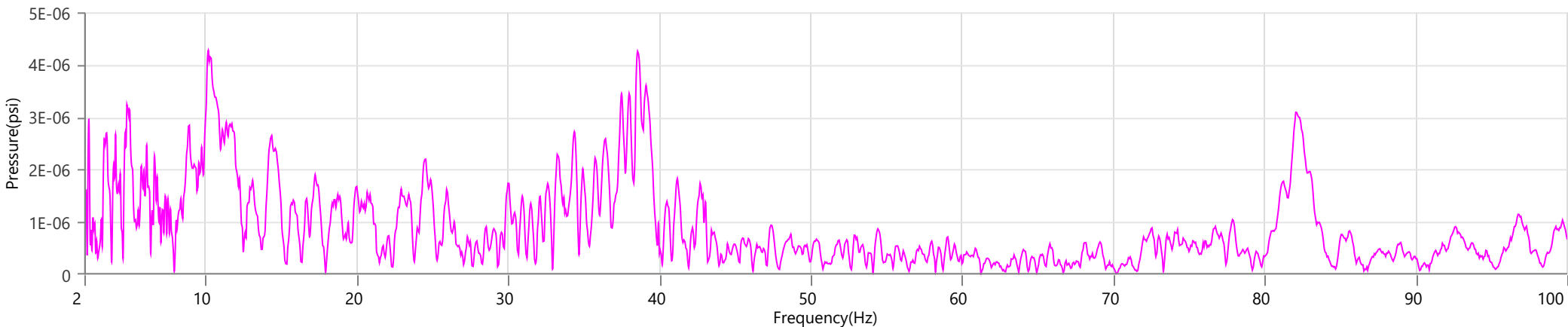
Vert - Dominant Frequency 82.1 Hz, Amplitude 0.0015 in/s (Peak Particle Velocity: 0.1517 in/s)



Long - Dominant Frequency 38.6 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1142 in/s)



Mic - Dominant Frequency 10.2 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000221 psi)



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

Vert at November 7, 2025 12:23:27
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_20251107122327.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
0.1648 in/s
40.2 Hz
0.217 sec
0.224 g
0.000 in
✓ Passed
7.3 Hz
4.2

Vert
0.0928 in/s
85.3 Hz
0.273 sec
0.171 g
0.000 in
✓ Passed
7.3 Hz
4.8

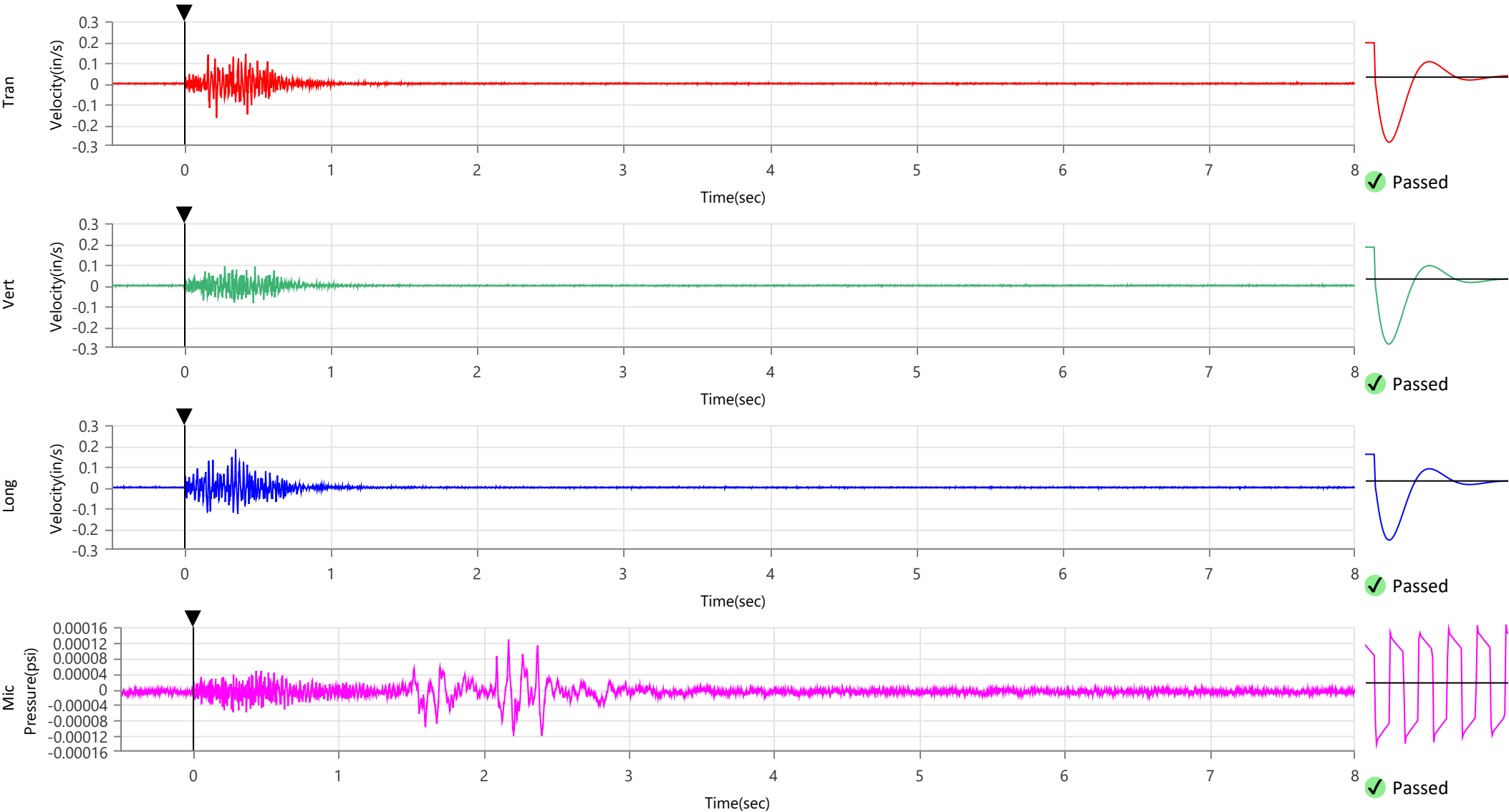
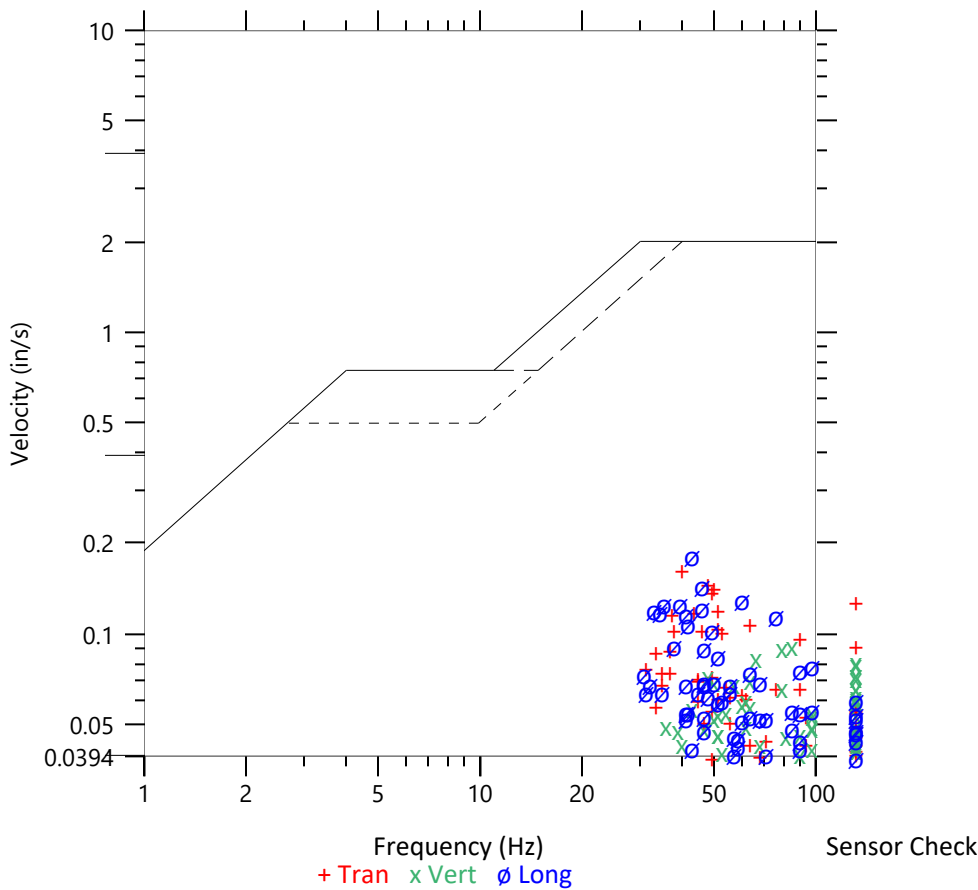
Long
0.1831 in/s
42.7 Hz
0.348 sec
0.165 g
0.001 in
✓ Passed
7.3 Hz
4.8

Peak Vector Sum 0.2057 in/s at 0.348 sec

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

0.000128 psi
92.9 dB(L)
2.174 sec
12.9 Hz
✓ Passed
20.5 Hz
1396 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



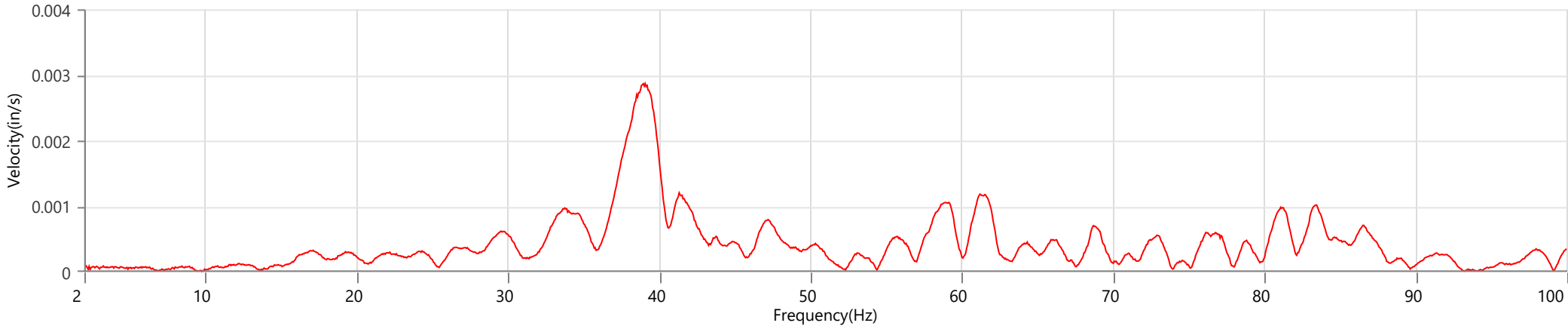
Waveform Trigger Source Vert at November 7, 2025 12:23:27
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

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_20251107122327.IDFW
USB Sensor Support Disabled

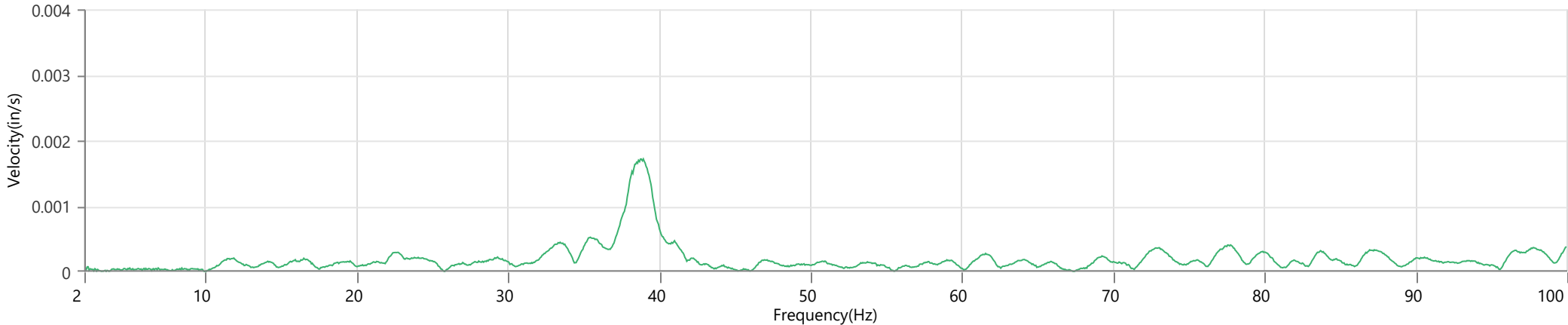
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

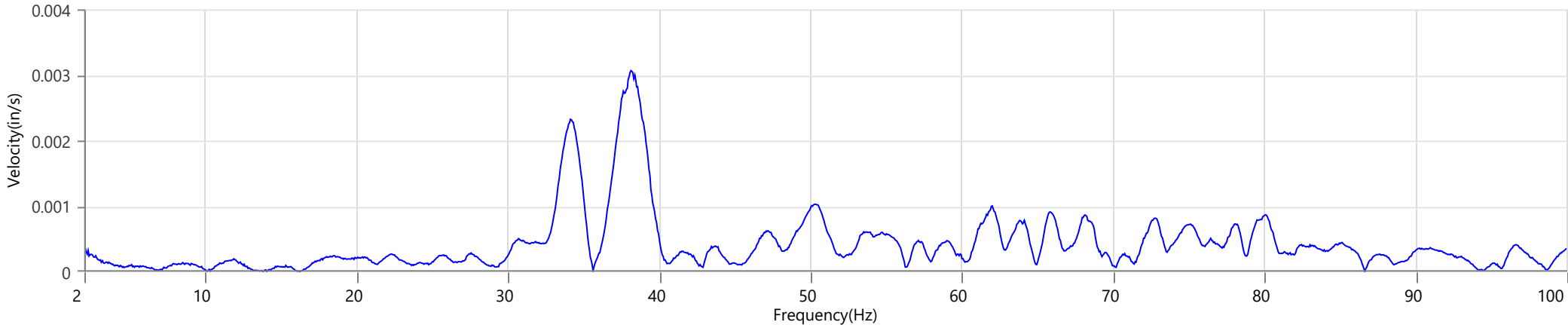
Tran - Dominant Frequency 39.1 Hz, Amplitude 0.0029 in/s (Peak Particle Velocity: 0.1648 in/s)



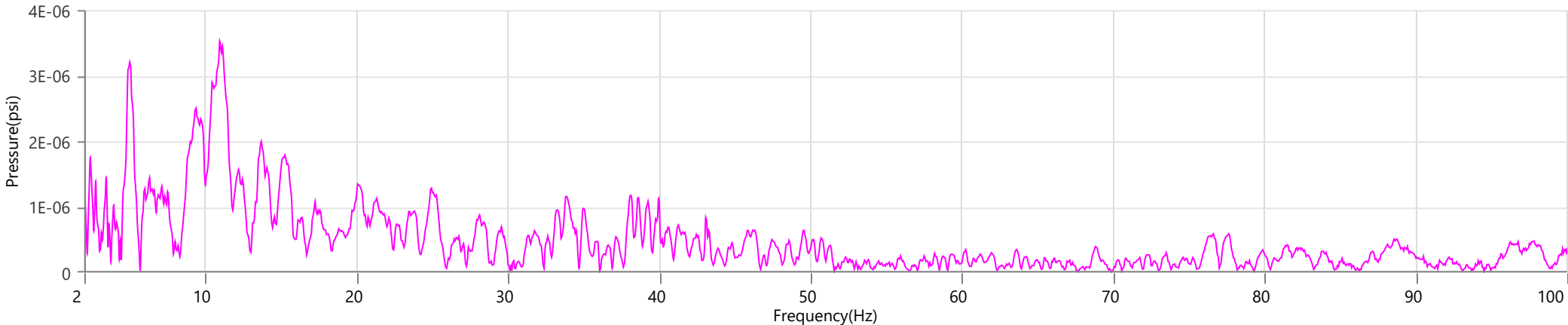
Vert - Dominant Frequency 38.9 Hz, Amplitude 0.0017 in/s (Peak Particle Velocity: 0.0928 in/s)



Long - Dominant Frequency 38.1 Hz, Amplitude 0.0031 in/s (Peak Particle Velocity: 0.1831 in/s)



Mic - Dominant Frequency 10.9 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000128 psi)



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

Vert at November 7, 2025 12:23:28
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_20251107122328.IDFW
Disabled

Notes
Location
Client
Company
General Notes

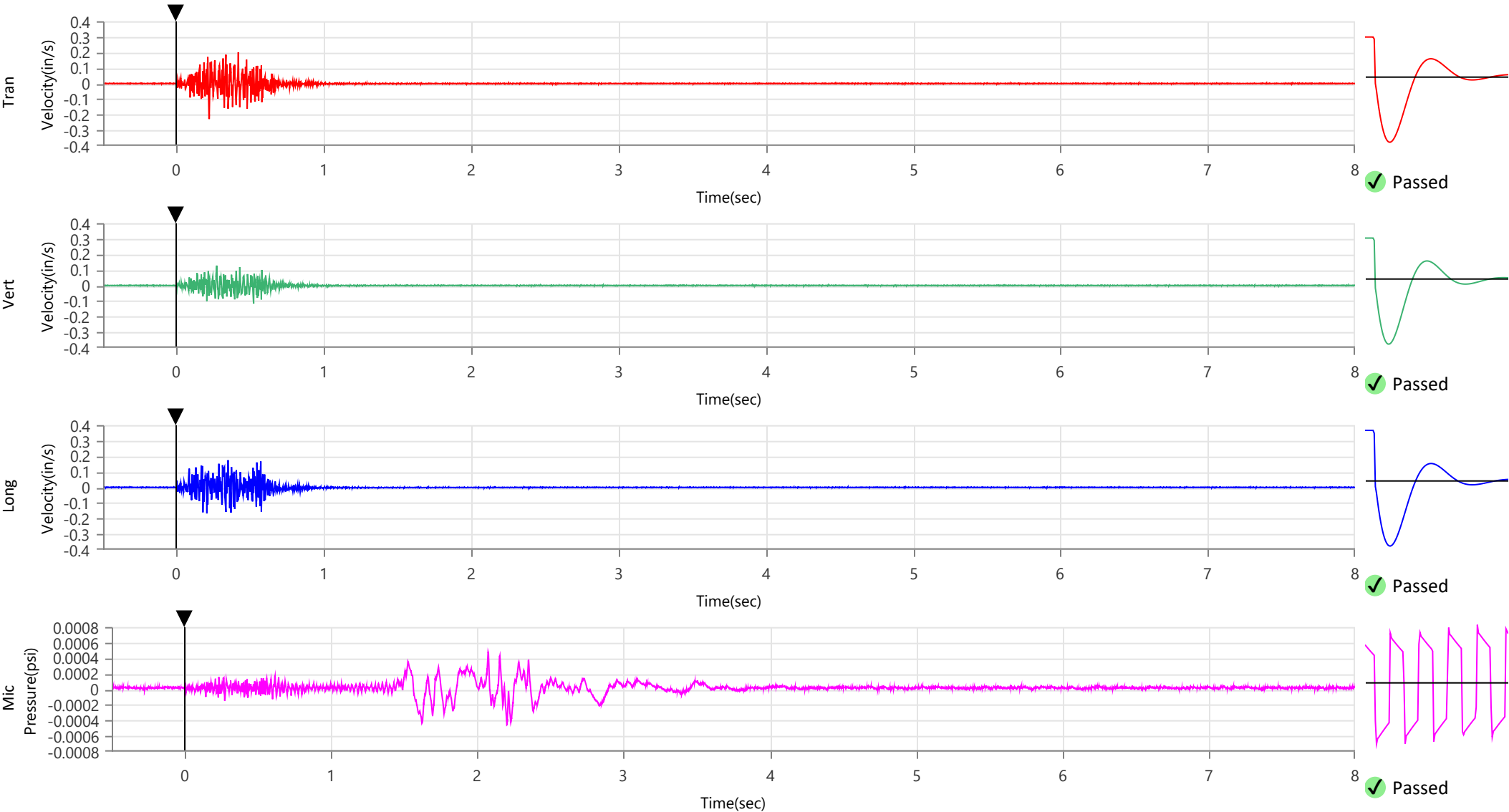
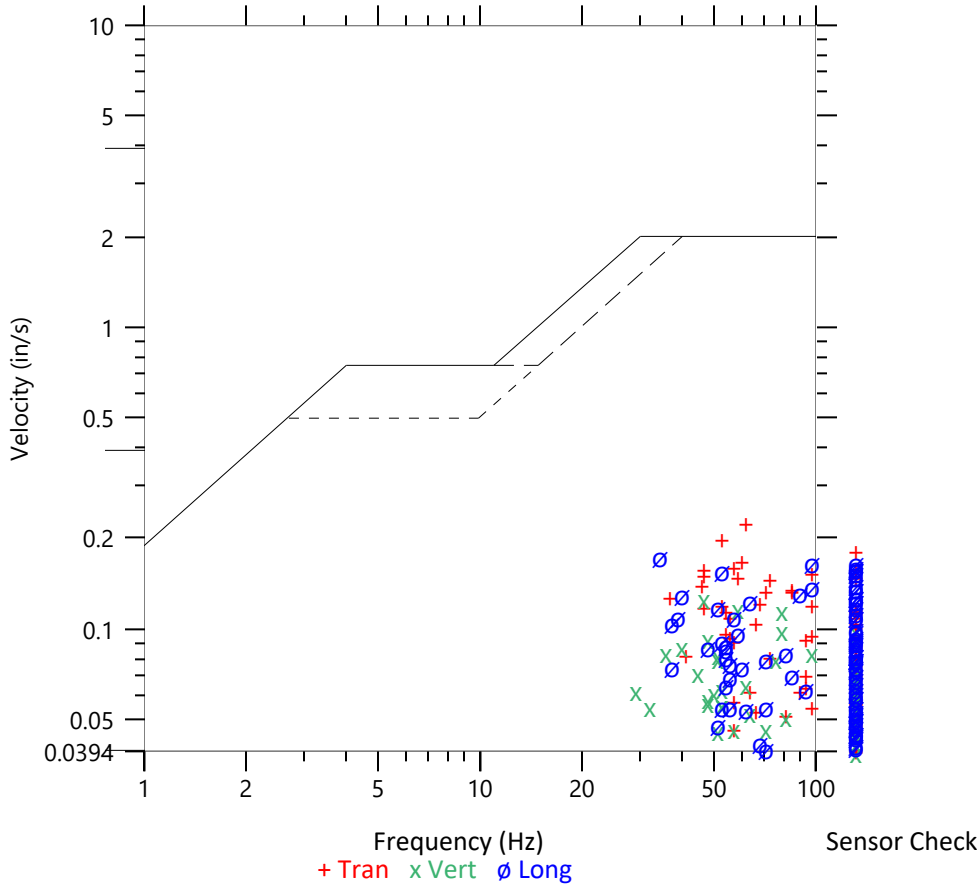
Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2278 in/s	0.1278 in/s	0.1747 in/s
Zero Crossing Frequency	62.1 Hz	47.6 Hz	34.1 Hz
Time (Relative to Trigger)	0.220 sec	0.272 sec	0.349 sec
Peak Acceleration	0.290 g	0.214 g	0.336 g
Peak Displacement	0.001 in	0.000 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.7 Hz	7.1 Hz
Overswing Ratio	3.5	3.5	3.7
Peak Vector Sum	0.2454 in/s at 0.334 sec		

ISEE Linear Microphone	
Peak Sound Pressure Level	0.000479 psi
Peak Sound Pressure Level	104.4 dB(L)
Time (Relative to Trigger)	2.074 sec
Zero Crossing Frequency	6.7 Hz
Sensor Check	✓ Passed
Frequency	20.5 Hz
Test Amplitude	1384 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 November 7, 2025 12:23:28
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

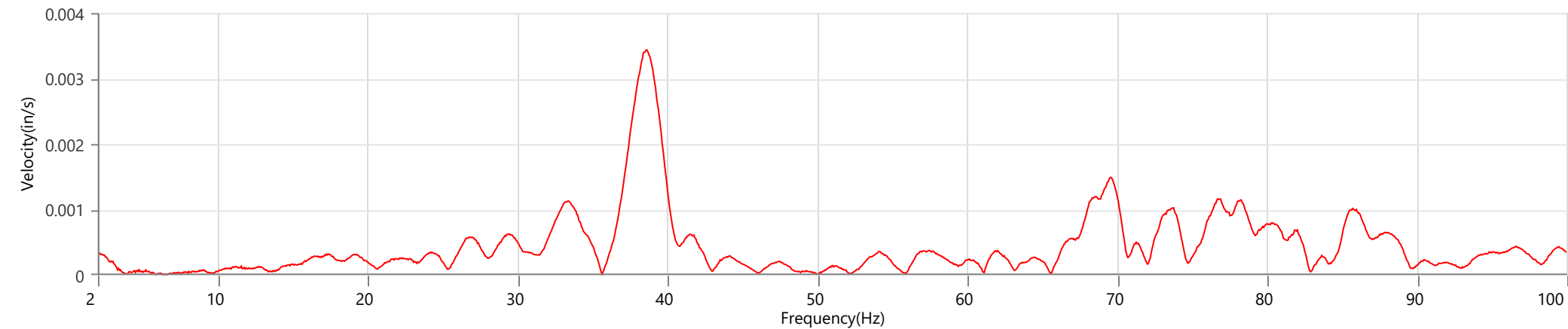
UM9228
Micromate ISEE 11.0AK
3.8 volts
April 24, 2025 by Instantel
UM9228_20251107122328.IDFW
Disabled

Notes
Location
Client
Company
General Notes

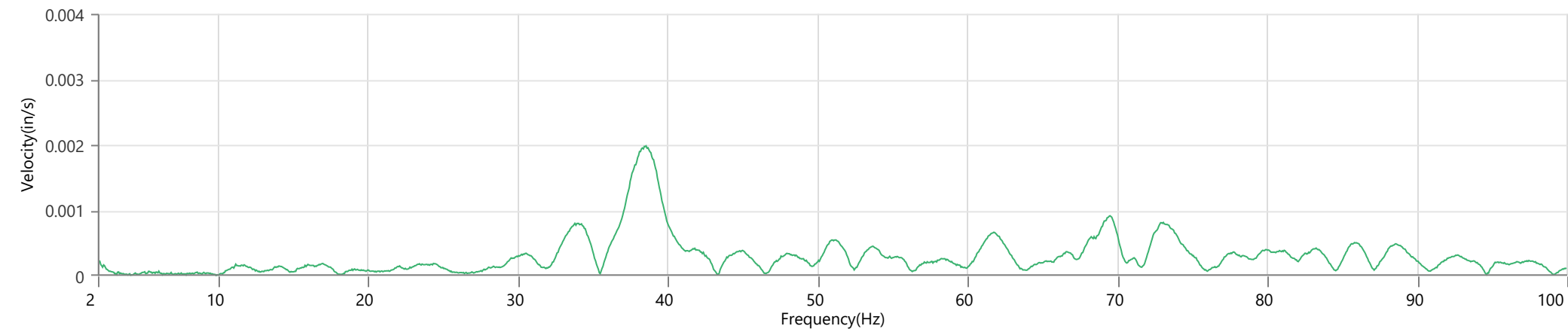
Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

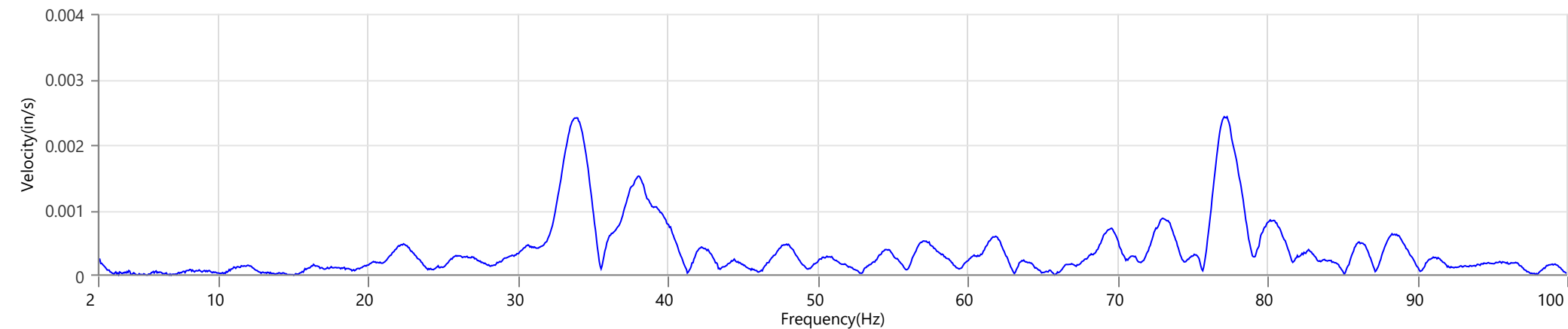
Tran - Dominant Frequency 38.6 Hz, Amplitude 0.0034 in/s (Peak Particle Velocity: 0.2278 in/s)



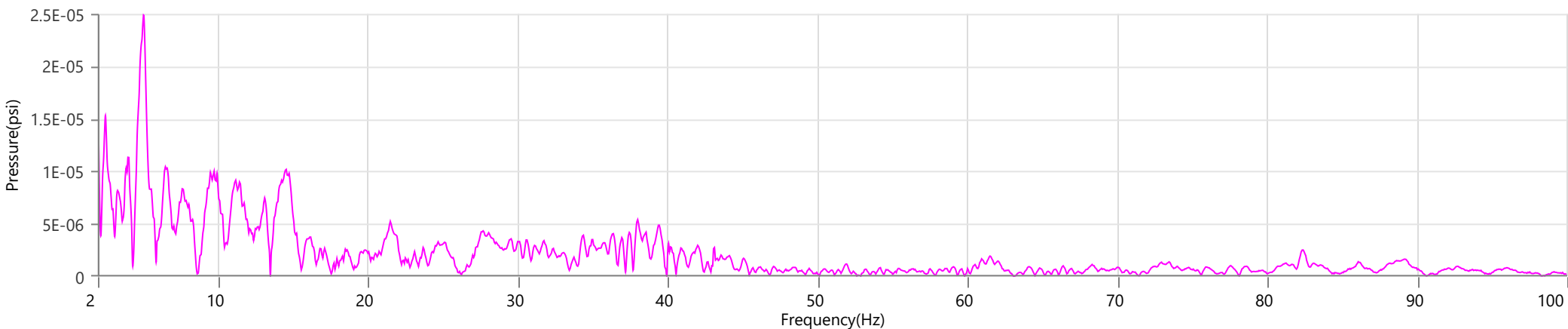
Vert - Dominant Frequency 38.6 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.1278 in/s)



Long - Dominant Frequency 77.1 Hz, Amplitude 0.0024 in/s (Peak Particle Velocity: 0.1747 in/s)



Mic - Dominant Frequency 5.1 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000479 psi)



Waveform Trigger Source Long at November 7, 2025 12:23:27
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_20251107122327.IDFW
USB Sensor Support Disabled

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

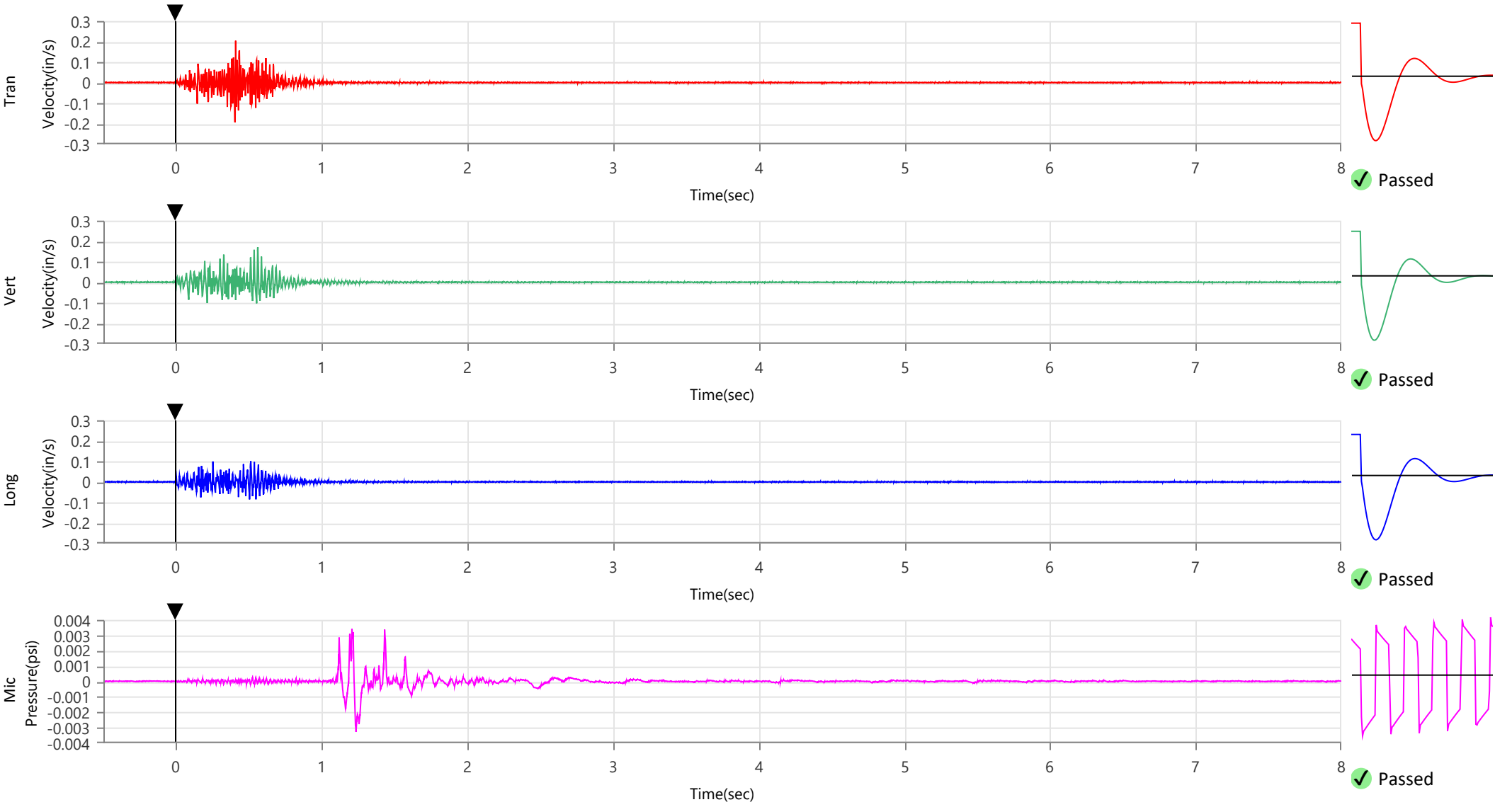
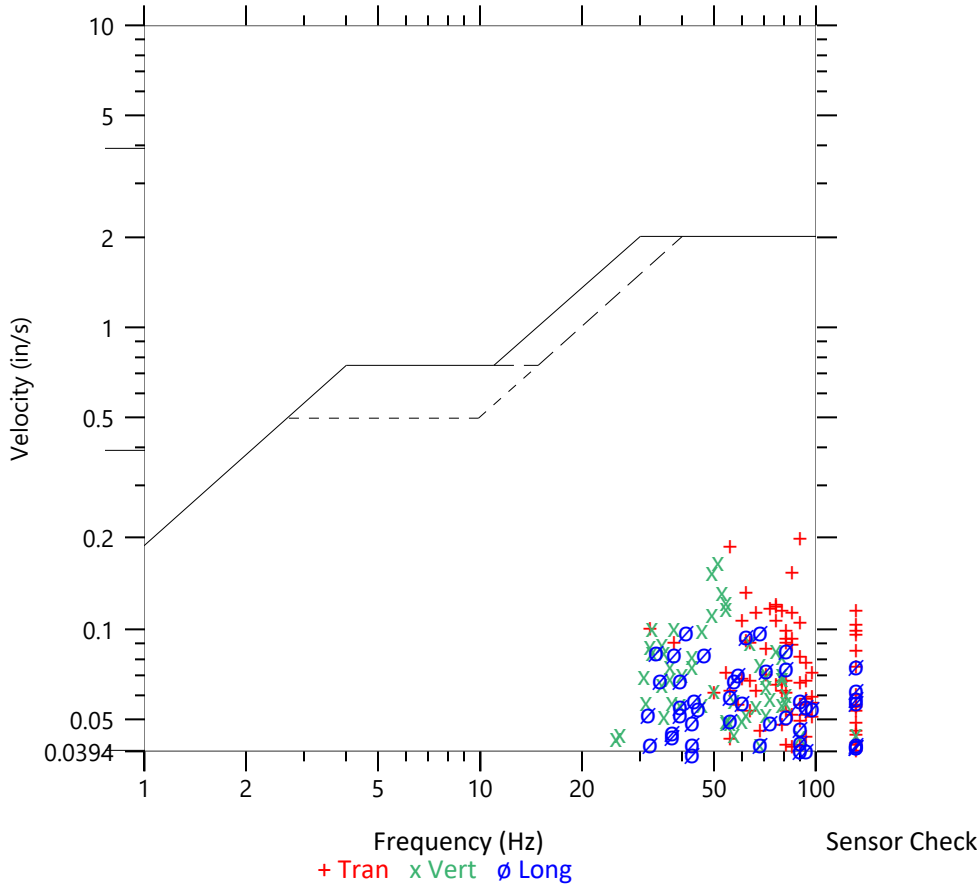
Extended Note N30.495113 W98.206539
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2039 in/s	0.1704 in/s	0.1005 in/s
Zero Crossing Frequency	89.0 Hz	51.2 Hz	41.0 Hz
Time (Relative to Trigger)	0.409 sec	0.561 sec	0.513 sec
Peak Acceleration	0.290 g	0.138 g	0.125 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	3.6	3.7	3.8

Peak Vector Sum 0.2220 in/s at 0.409 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.003425 psi
Peak Sound Pressure Level 121.4 dB(L)
Time (Relative to Trigger) 1.208 sec
Zero Crossing Frequency 13.7 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1447 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



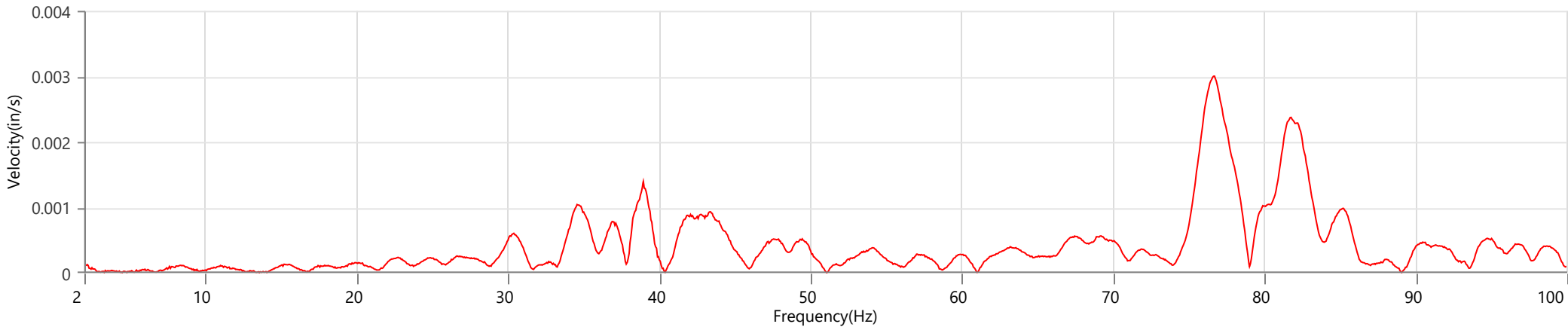
Waveform Trigger Source Long at November 7, 2025 12:23:27
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

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_20251107122327.IDFW
USB Sensor Support Disabled

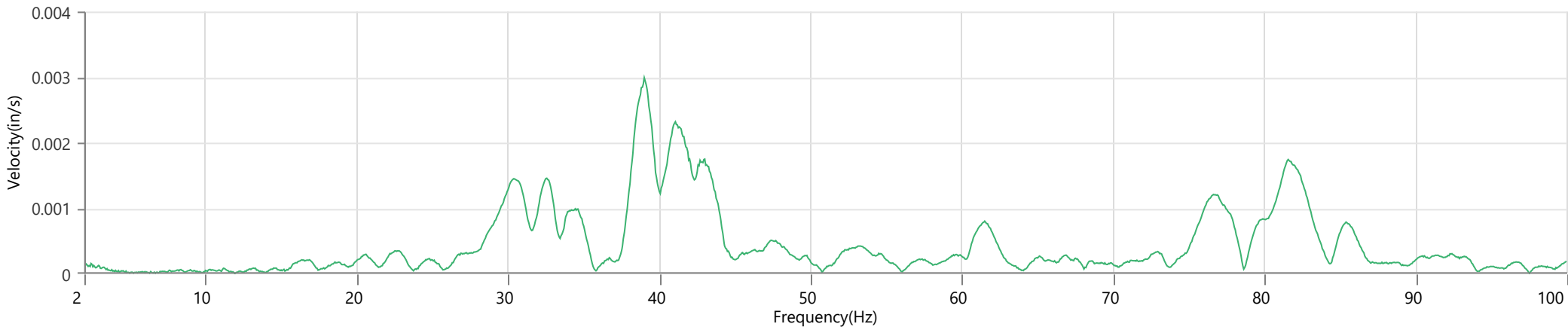
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

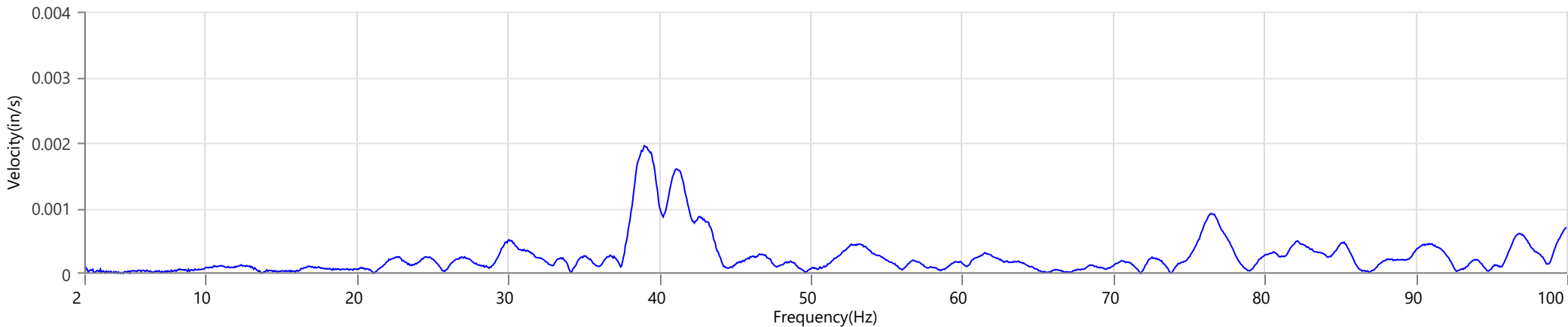
Tran - Dominant Frequency 76.7 Hz, Amplitude 0.0030 in/s (Peak Particle Velocity: 0.2039 in/s)



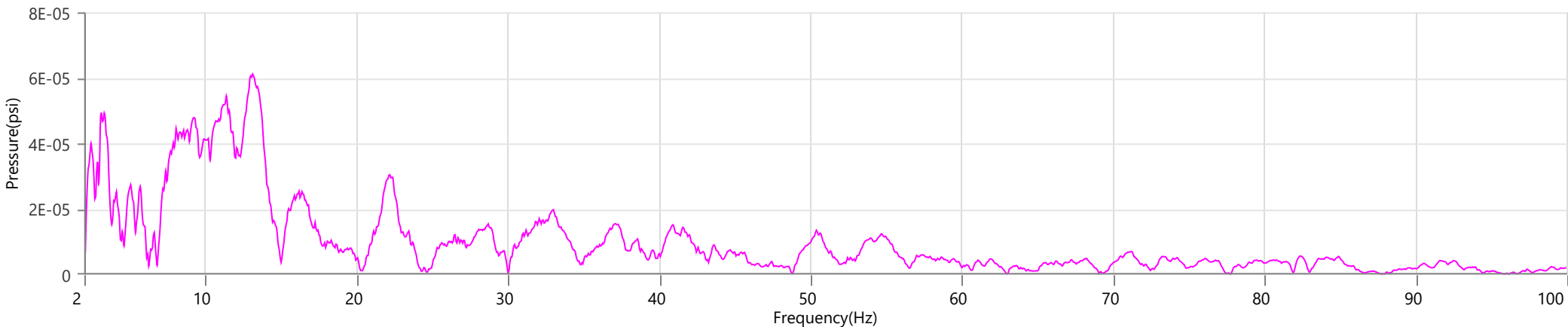
Vert - Dominant Frequency 39.0 Hz, Amplitude 0.0030 in/s (Peak Particle Velocity: 0.1704 in/s)



Long - Dominant Frequency 39.0 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.1005 in/s)



Mic - Dominant Frequency 13.1 Hz, Amplitude 0.00006 psi (Peak Sound Pressure Level: 0.003425 psi)



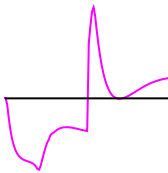
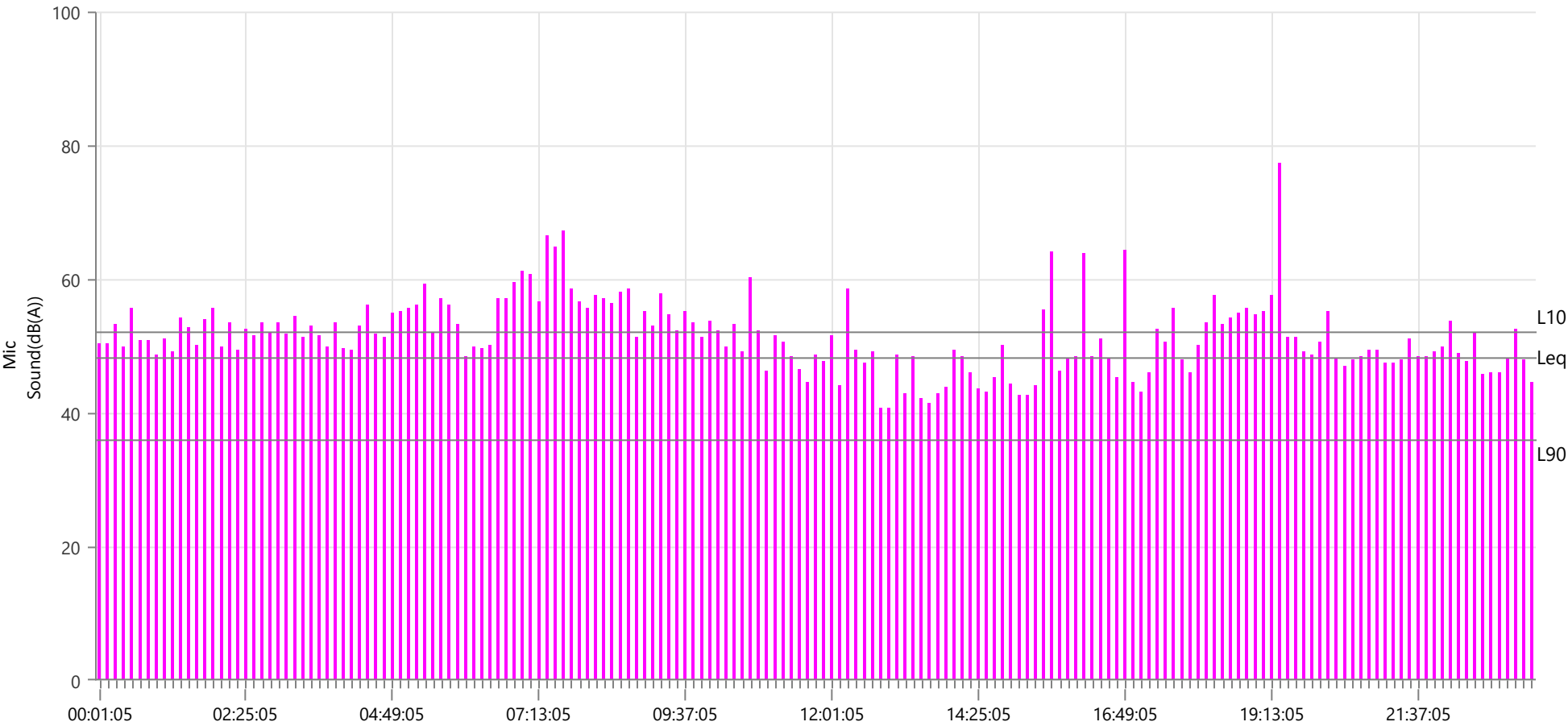
Start November 7, 2025 00:00:05
Finish November 7, 2025 23:29:59
Number of Intervals/Interval 1409.91/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 2.mmb
Operator Operator

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_20251107000005.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 77.3 dB(A)
Date Nov 7, 2025
Time 19:25:05
A-Weight Slow
LMin 32.4 L10 52 L90 36 Leq 48.1
Sensor Check ✓ Passed
Test Amplitude 1111 mv



✓ Passed

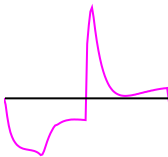
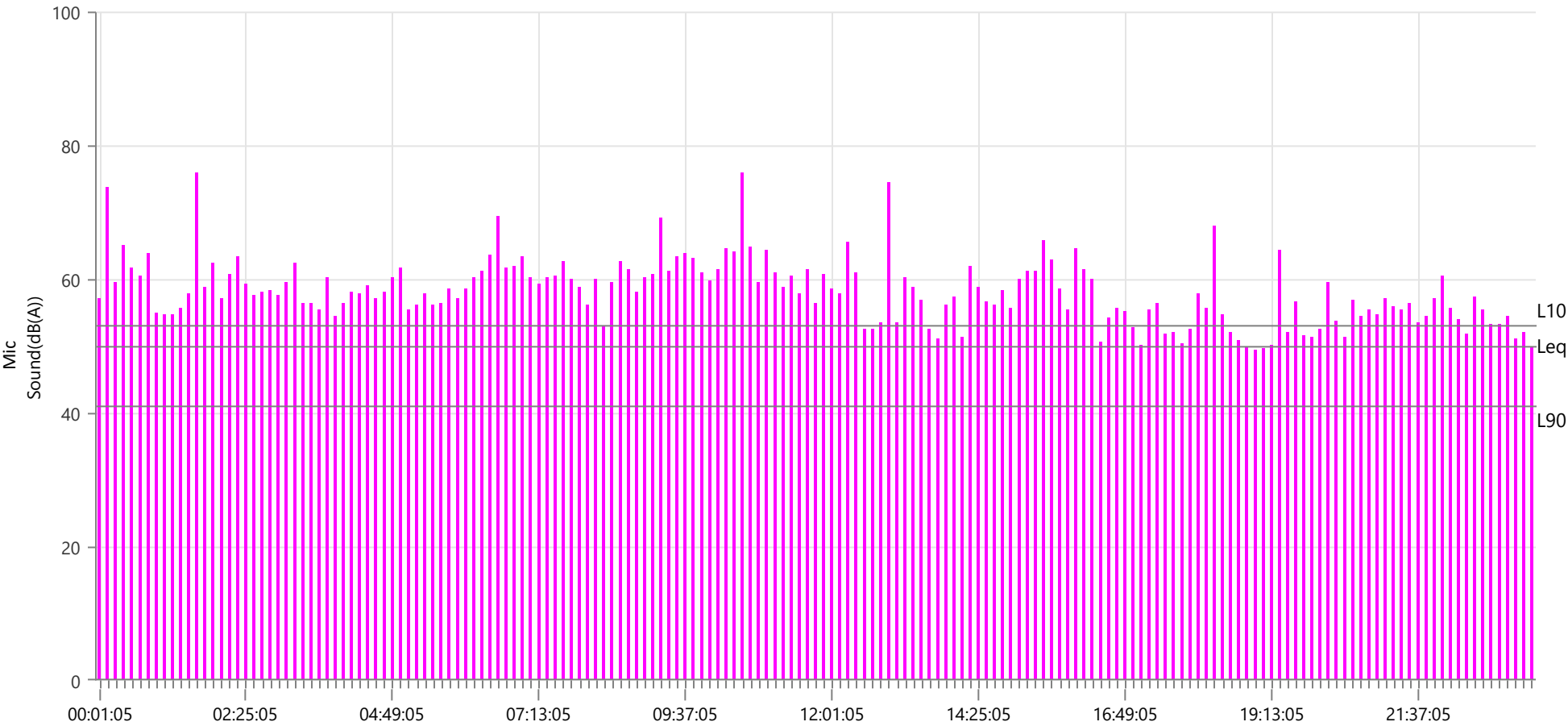
Start November 7, 2025 00:00:05
Finish November 7, 2025 23:29:58
Number of Intervals/Interval 1409.89/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

Serial Number UM8328
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 22, 2025 by Instantel
Microphone Calibration UA10376, February 18, 2025 by Field
Event File Name Calibration
USB Sensor Support UM8328_20251107000005.IDFH
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.

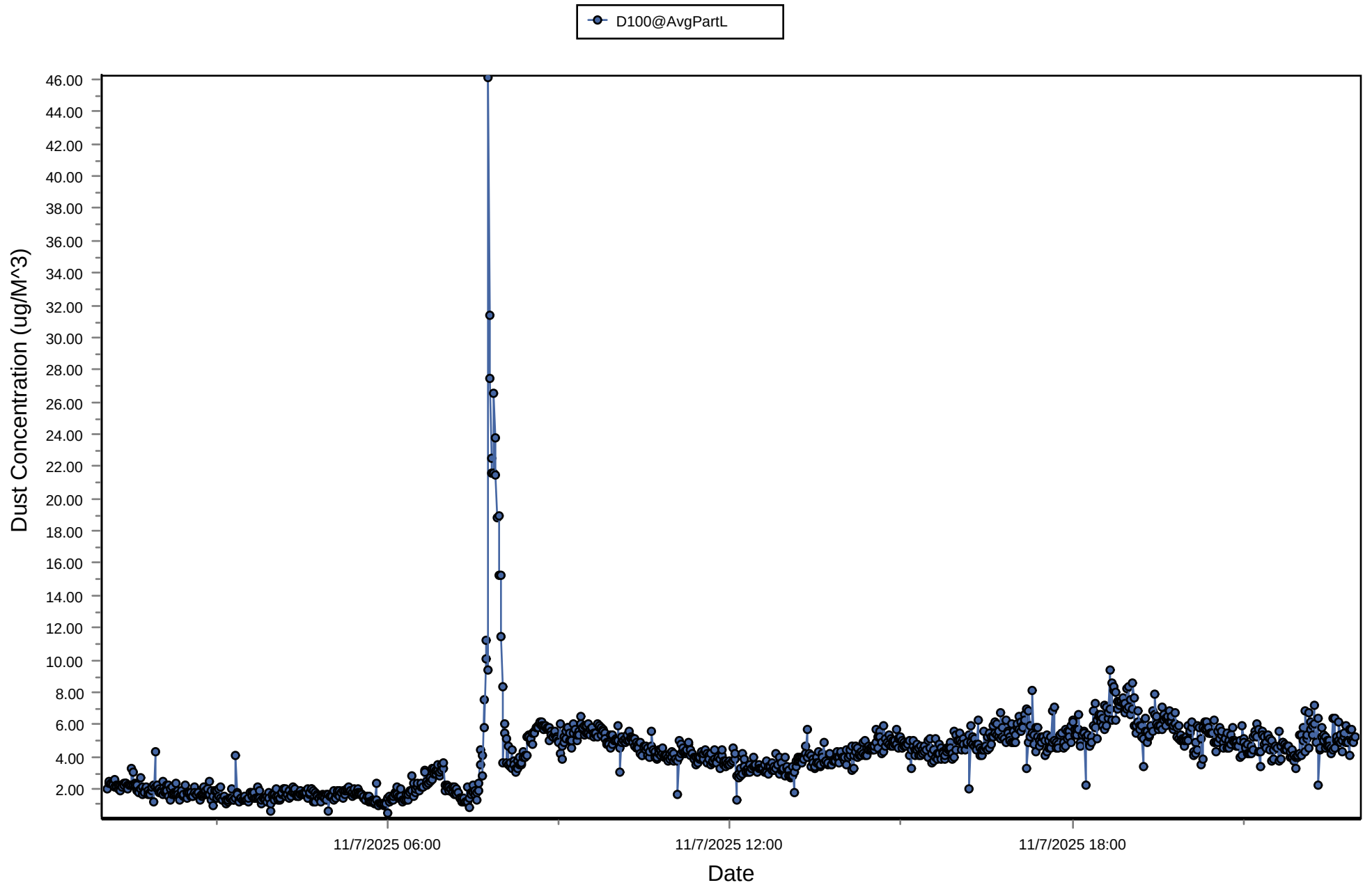
Sound Level Microphone
LMax 76.0 dB(A)
Date Nov 7, 2025
Time 01:40:05
A-Weight Slow
LMin 35.6 L10 53 L90 41 Leq 49.8
Sensor Check ✓ Passed
Test Amplitude 983 mv



✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

