

Waveform Trigger Source Long at August 7, 2025 10:37:45
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 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_20250807103745.IDFW
USB Sensor Support Disabled

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

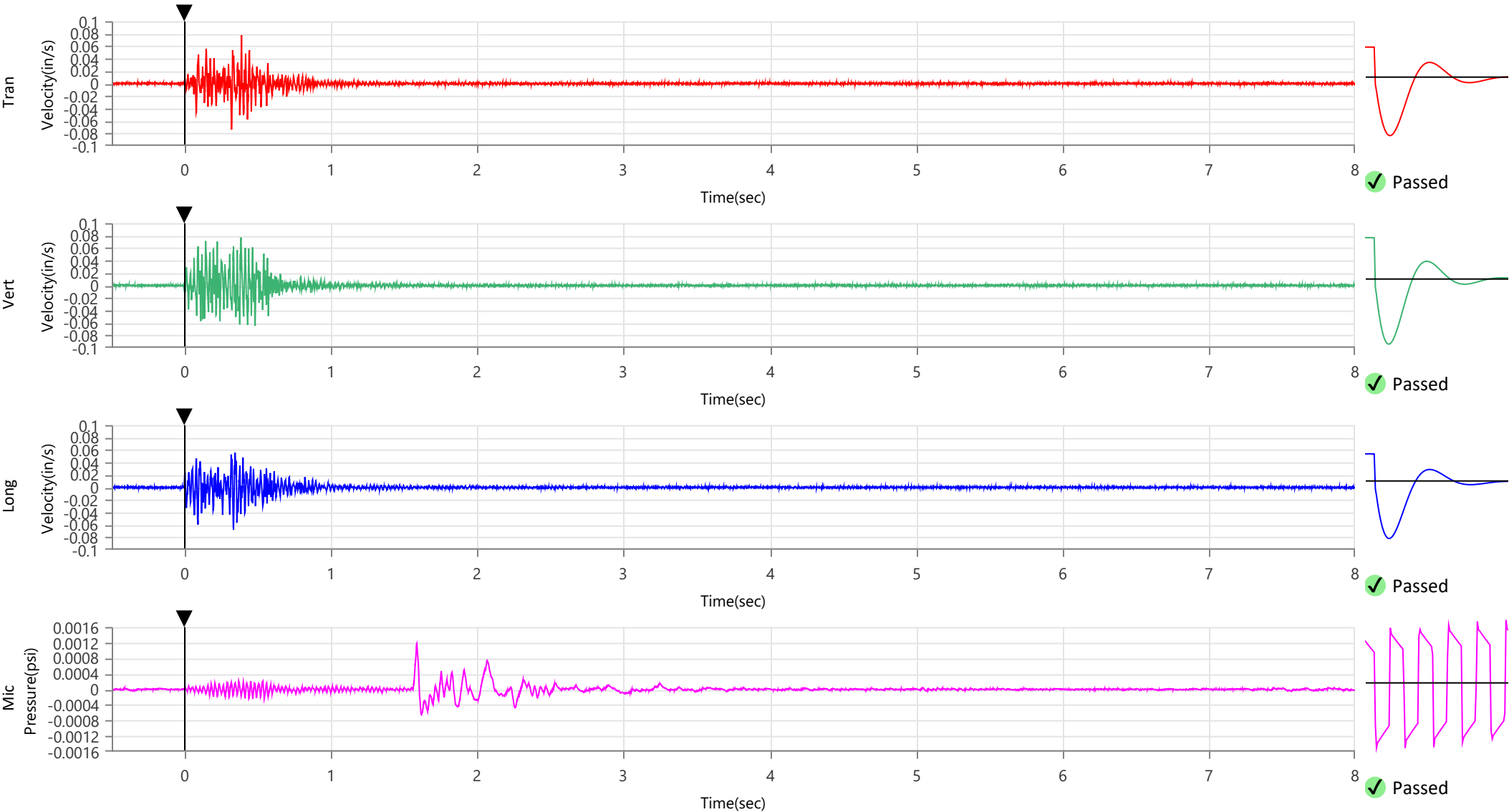
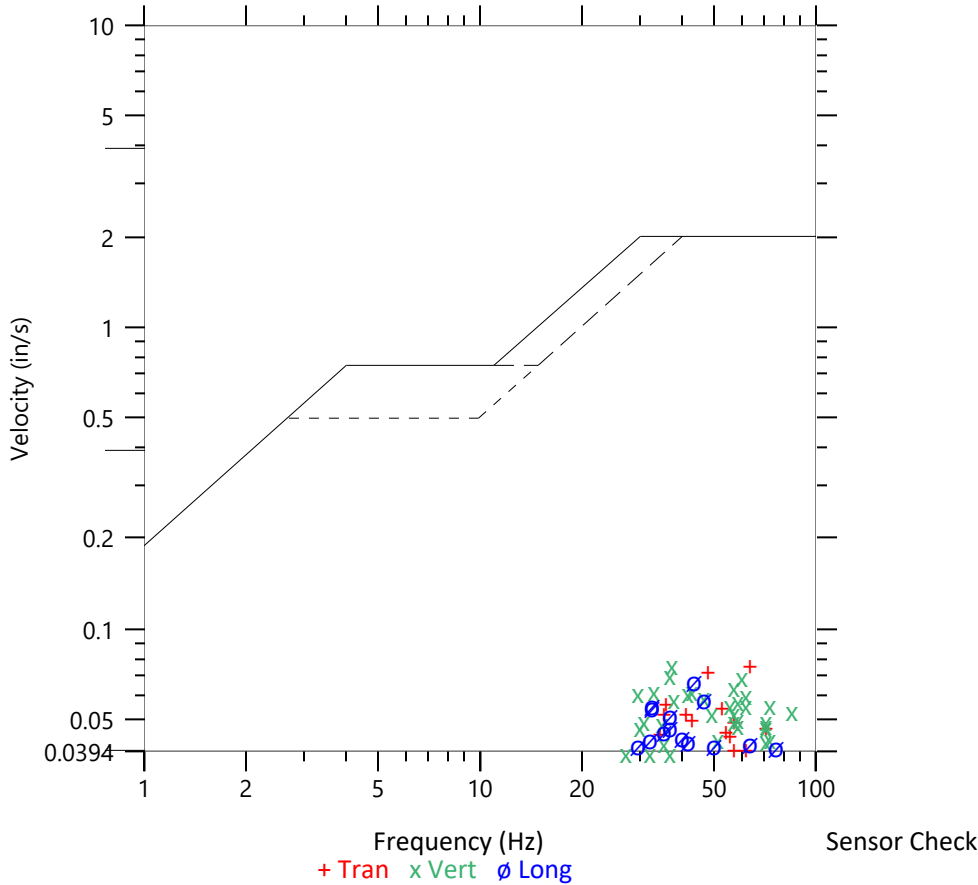
Extended Note N30.49650 W21572
Post Event Notes No text to be displayed.

Geophone
Peak Particle Velocity Tran 0.0776 in/s Vert 0.0770 in/s Long 0.0680 in/s
Zero Crossing Frequency 64.0 Hz 36.6 Hz 44.5 Hz
Time (Relative to Trigger) 0.387 sec 0.384 sec 0.333 sec
Peak Acceleration 0.086 g 0.092 g 0.086 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 0.1006 in/s at 0.333 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.001175 psi
Peak Sound Pressure Level 112.1 dB(L)
Time (Relative to Trigger) 1.587 sec
Zero Crossing Frequency 11.9 Hz
Sensor Check Passed
Frequency 20.5 Hz
Test Amplitude 1250 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



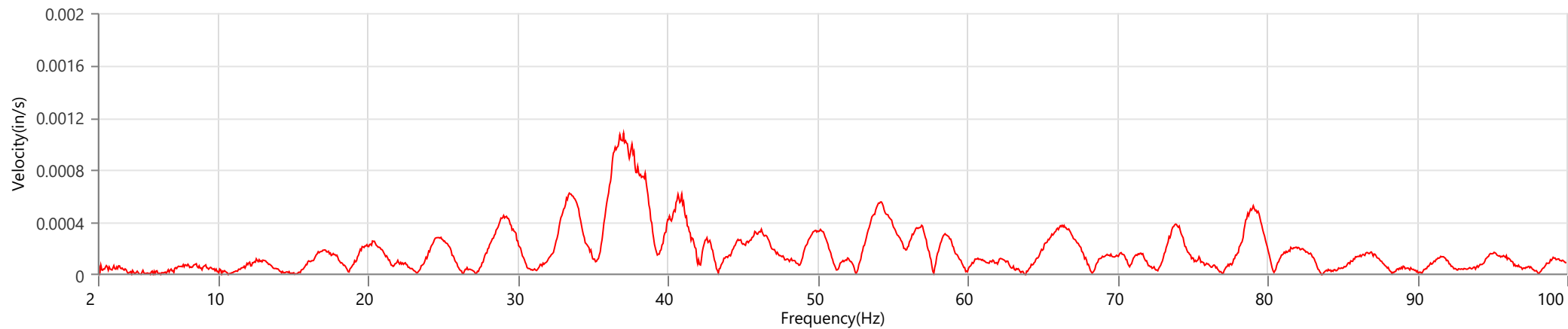
Waveform Trigger Source Long at August 7, 2025 10:37:45
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

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_20250807103745.IDFW
USB Sensor Support Disabled

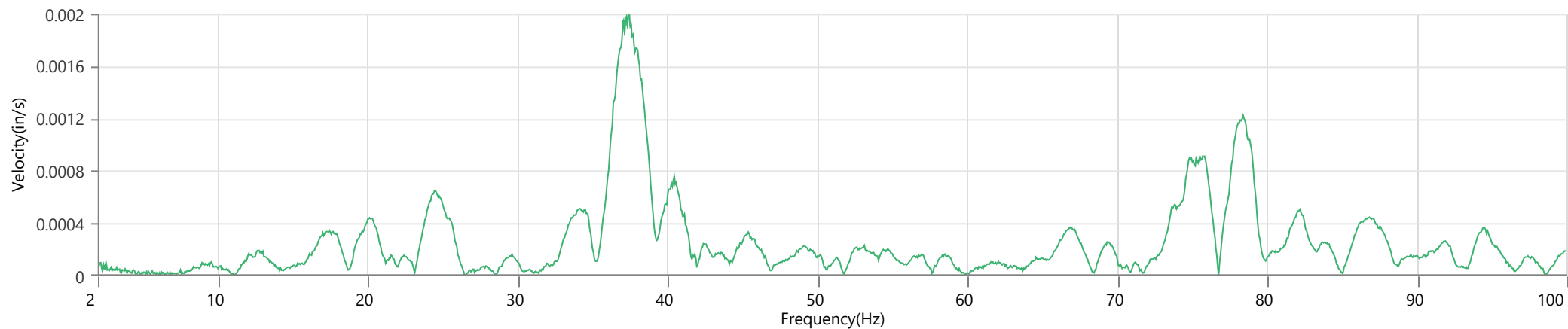
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

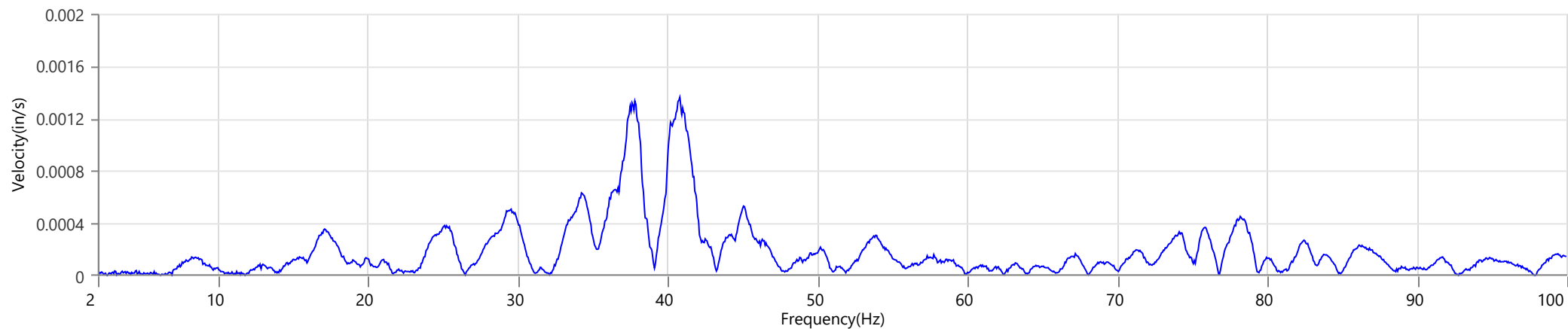
Tran - Dominant Frequency 37.1 Hz, Amplitude 0.0011 in/s (Peak Particle Velocity: 0.0776 in/s)



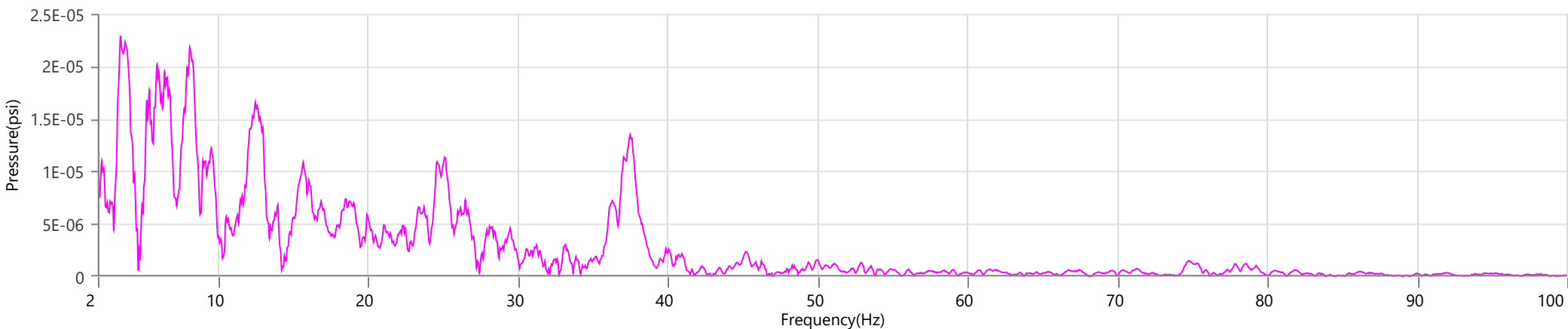
Vert - Dominant Frequency 37.4 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.0770 in/s)



Long - Dominant Frequency 40.8 Hz, Amplitude 0.0014 in/s (Peak Particle Velocity: 0.0680 in/s)



Mic - Dominant Frequency 3.5 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.001175 psi)



Waveform Trigger Source Long at August 7, 2025 10:37:44
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 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_20250807103744.IDFW
USB Sensor Support Disabled

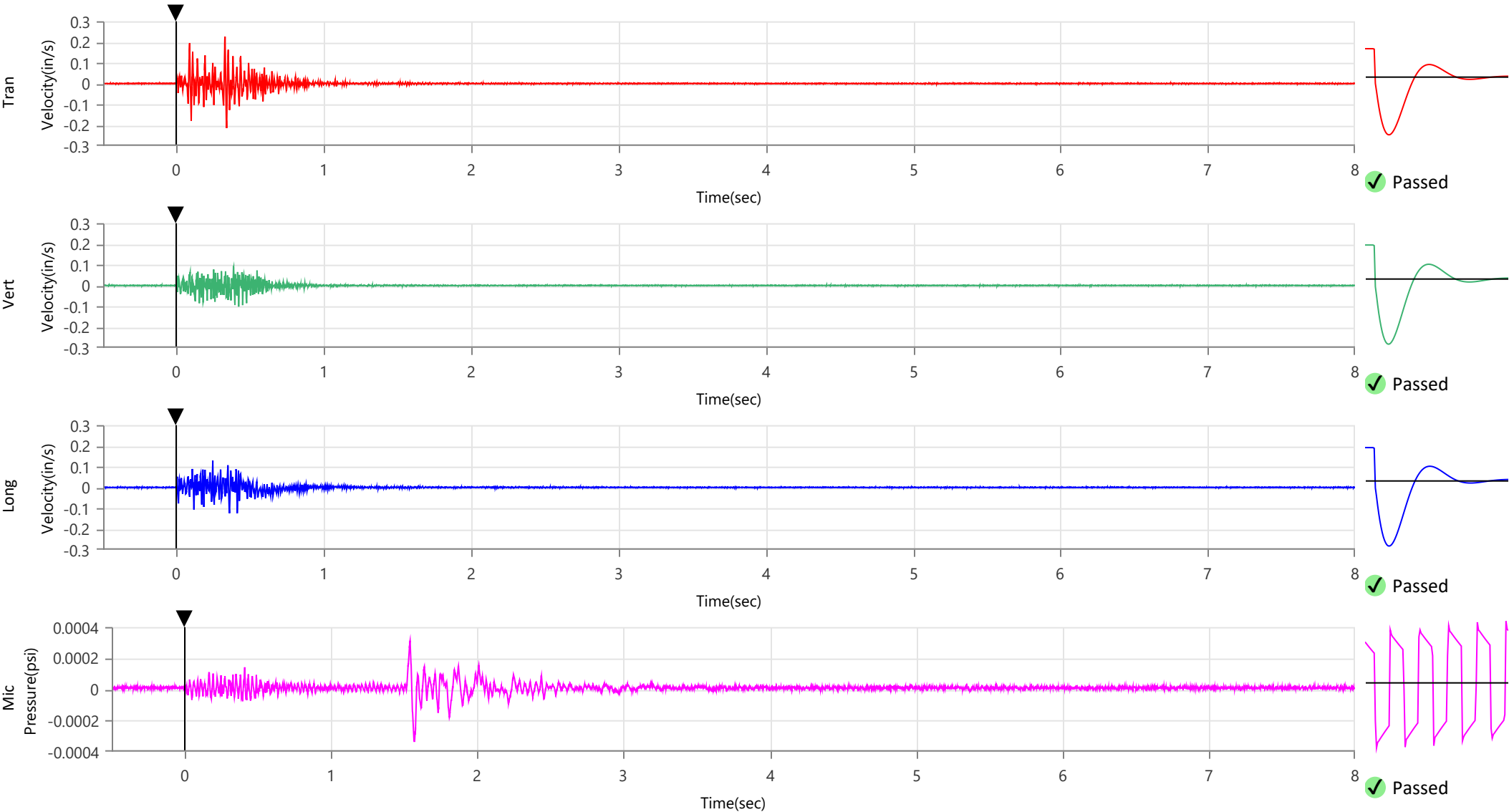
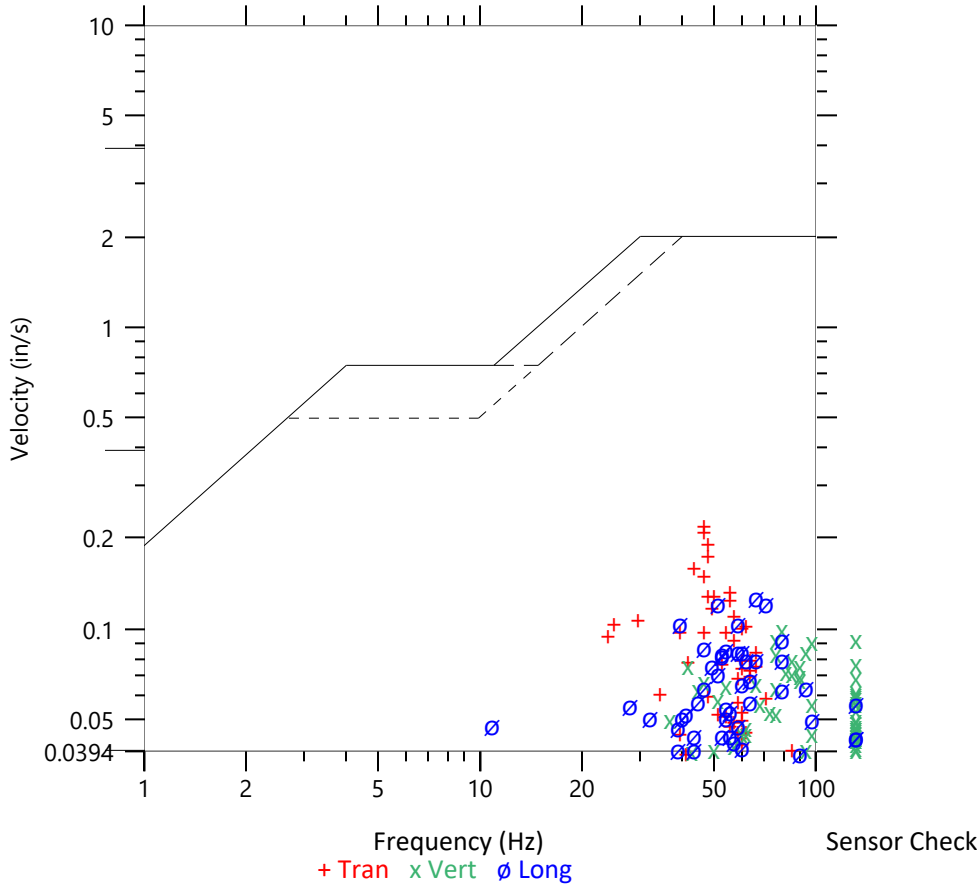
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2259 in/s	0.1018 in/s	0.1291 in/s
Zero Crossing Frequency	46.5 Hz	78.8 Hz	66.1 Hz
Time (Relative to Trigger)	0.328 sec	0.421 sec	0.245 sec
Peak Acceleration	0.158 g	0.155 g	0.155 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	4.5	4.4	4.4
Peak Vector Sum	0.2281 in/s at 0.328 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000338 psi
Peak Sound Pressure Level 101.3 dB(L)
Time (Relative to Trigger) 1.570 sec
Zero Crossing Frequency 15.1 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1275 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



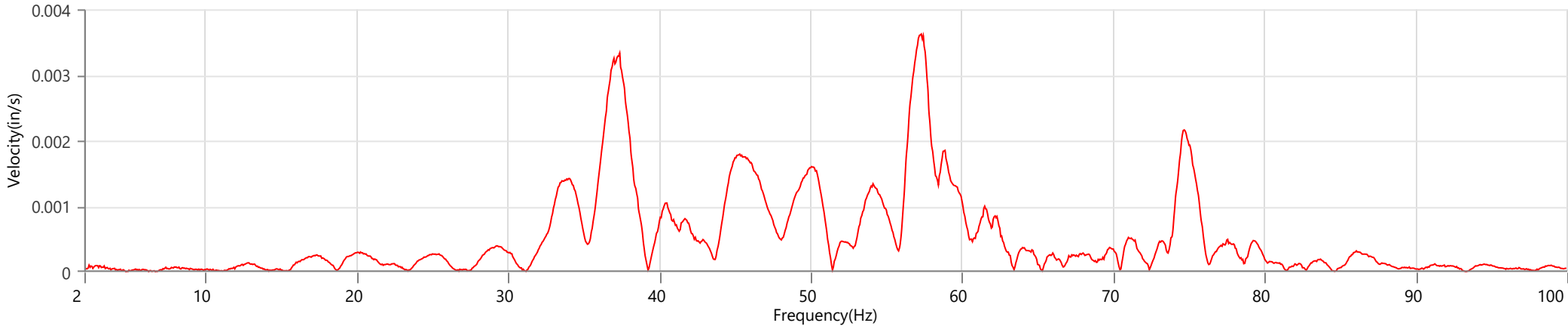
Waveform Trigger Source Long at August 7, 2025 10:37:44
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20250807103744.IDFW
USB Sensor Support Disabled

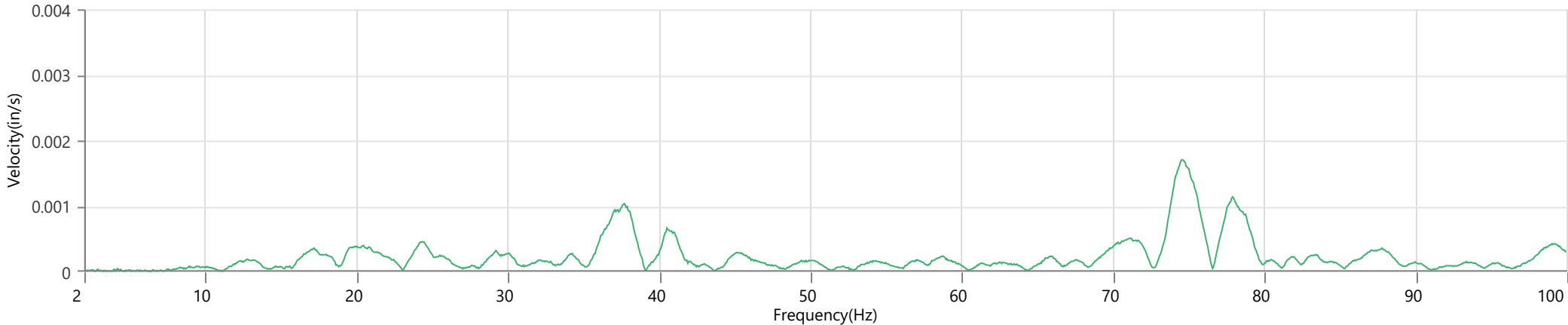
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

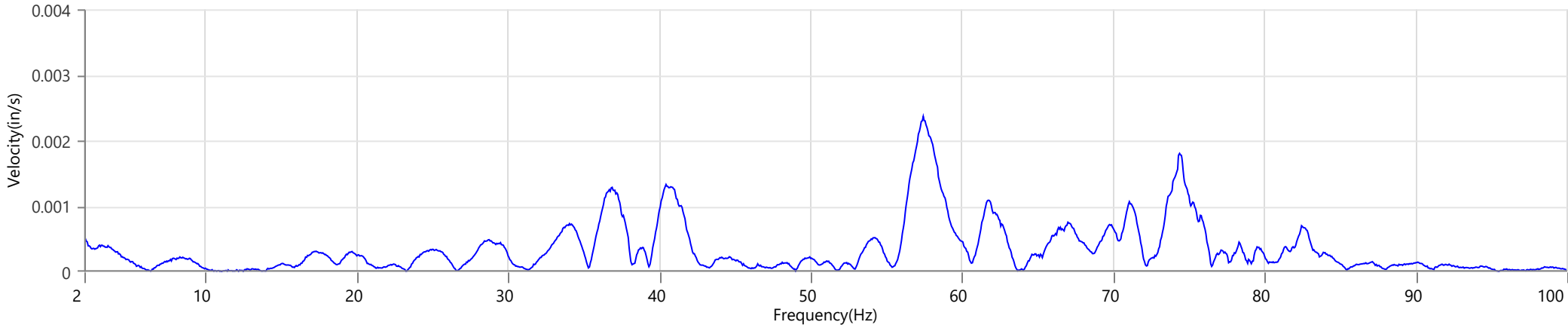
Tran - Dominant Frequency 57.3 Hz, Amplitude 0.0036 in/s (Peak Particle Velocity: 0.2259 in/s)



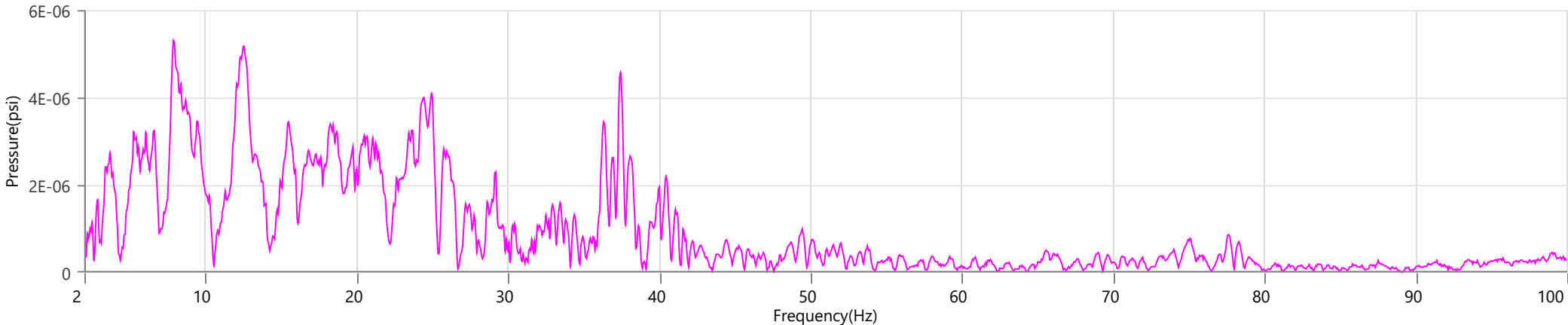
Vert - Dominant Frequency 74.6 Hz, Amplitude 0.0017 in/s (Peak Particle Velocity: 0.1018 in/s)



Long - Dominant Frequency 57.4 Hz, Amplitude 0.0024 in/s (Peak Particle Velocity: 0.1291 in/s)



Mic - Dominant Frequency 7.9 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000338 psi)



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

Vert at August 7, 2025 10:37:45
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 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_20250807103745.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
0.1682 in/s
45.5 Hz
0.494 sec
0.188 g
0.001 in
✓ Passed
7.3 Hz
4.1

Vert
0.0664 in/s
33.0 Hz
0.382 sec
0.102 g
0.000 in
✓ Passed
7.3 Hz
4.7

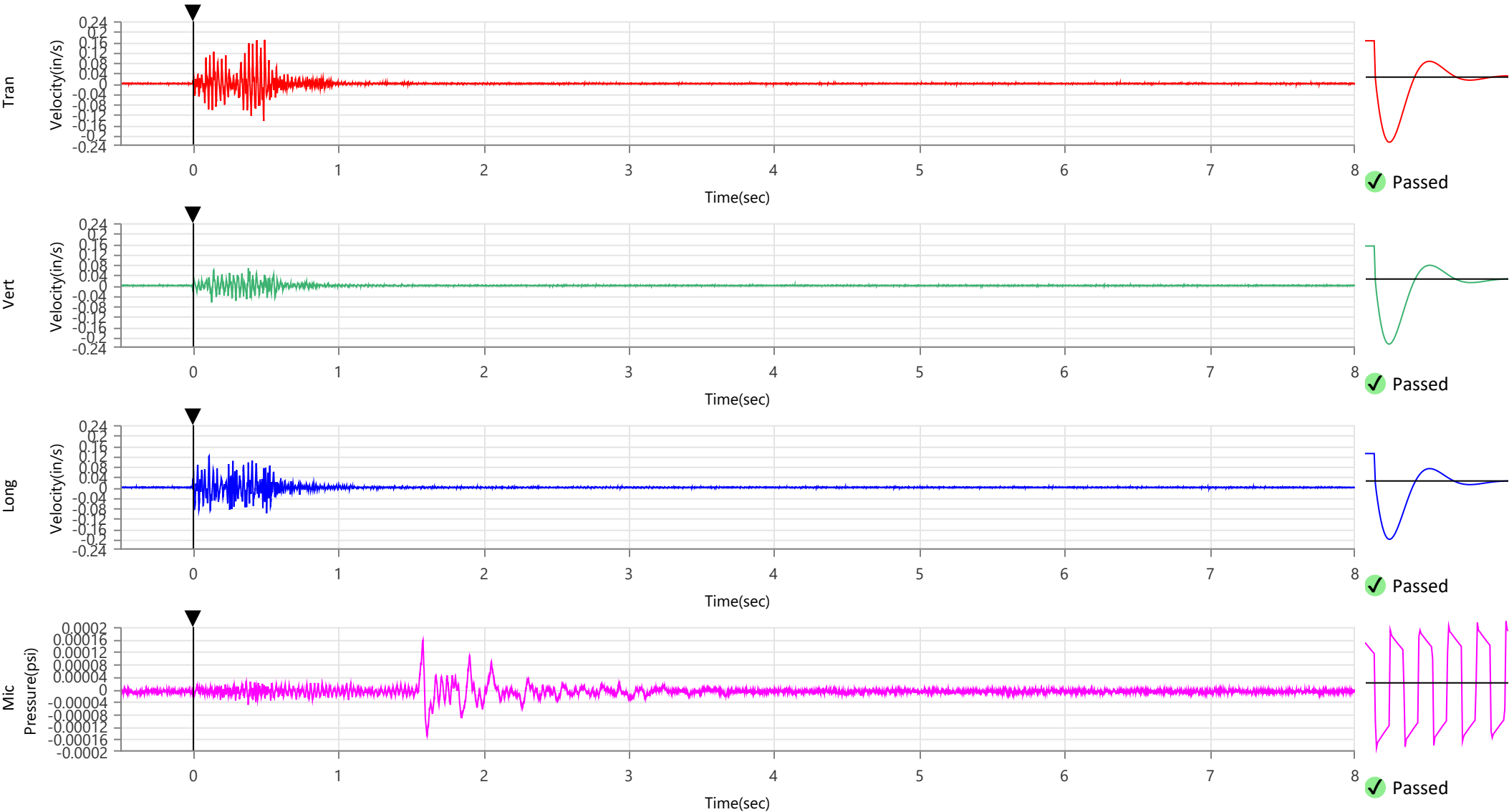
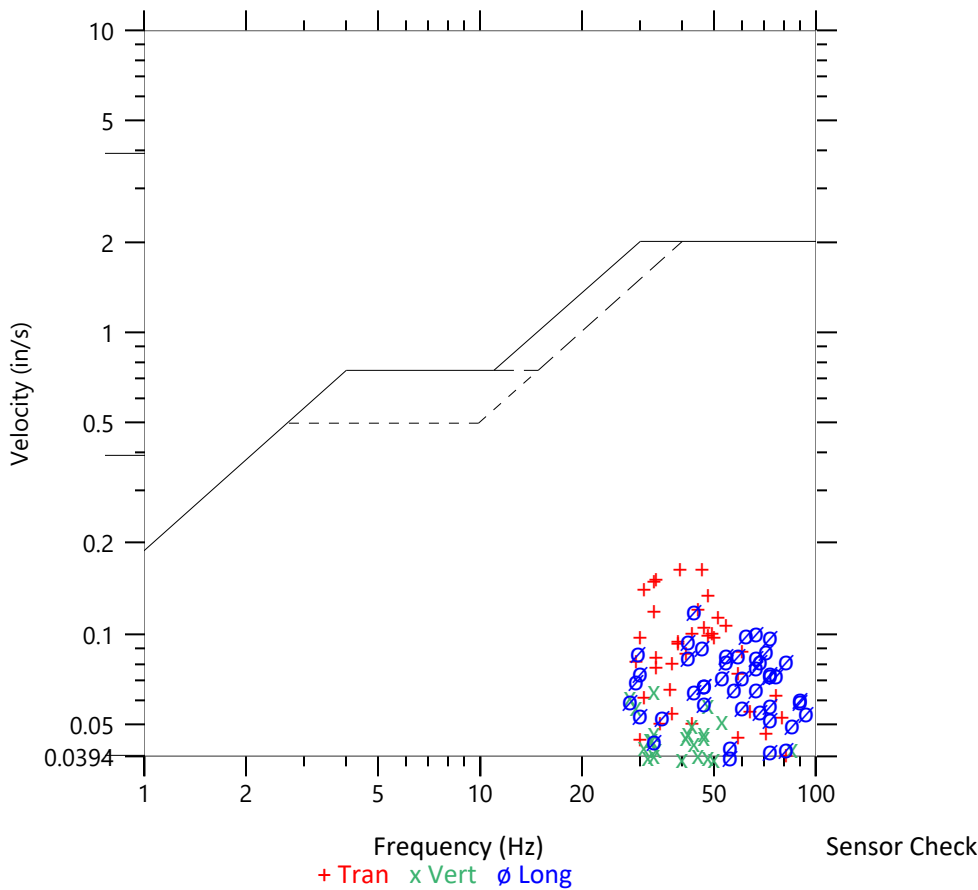
Long
0.1216 in/s
43.6 Hz
0.111 sec
0.132 g
0.000 in
✓ Passed
7.1 Hz
4.7

Peak Vector Sum 0.1802 in/s at 0.494 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)
1.584 sec
13.1 Hz
✓ Passed
20.5 Hz
1269 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 August 7, 2025 10:37:45
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 4.mmb
Operator

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

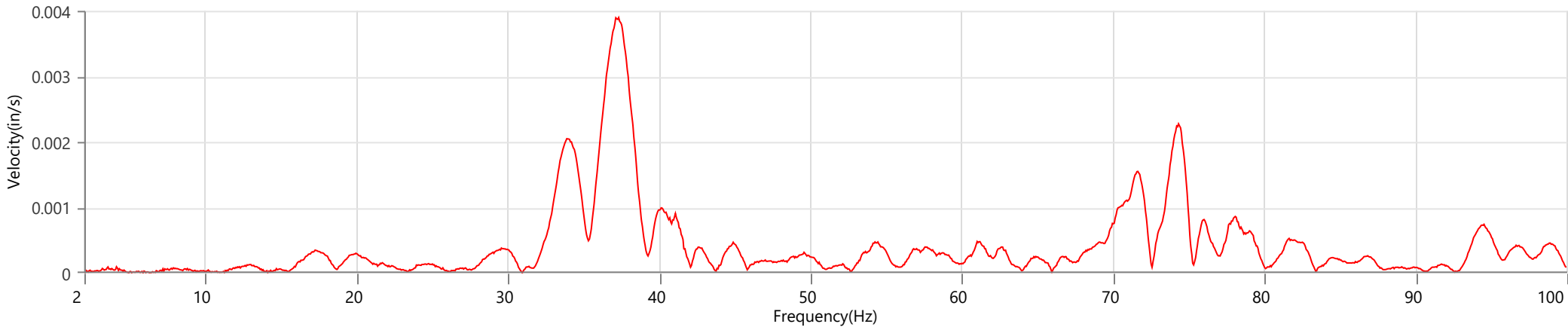
UM22233
Micromate ISEE 11.0AK
3.8 volts
February 20, 2025 by Instantel
UM22233_20250807103745.IDFW
Disabled

Notes
Location
Client
Company
General Notes

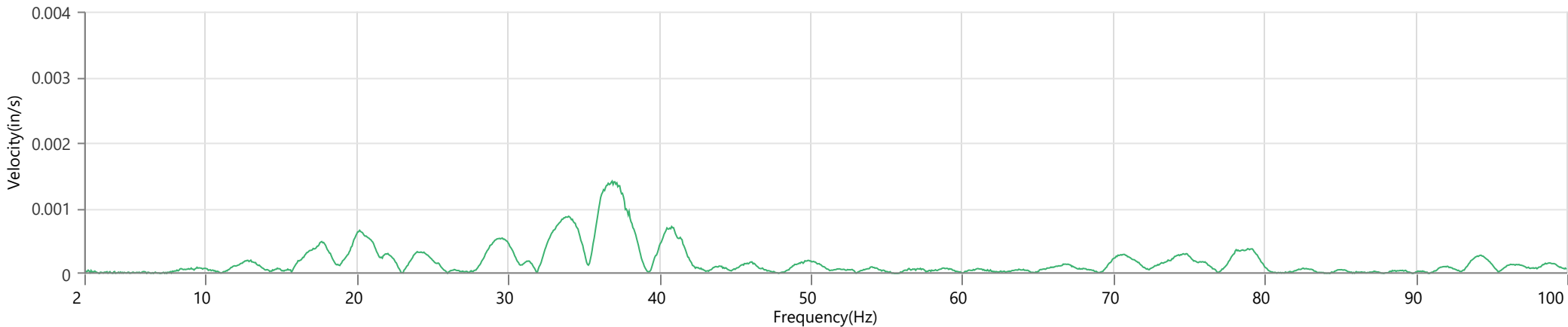
Station 4
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

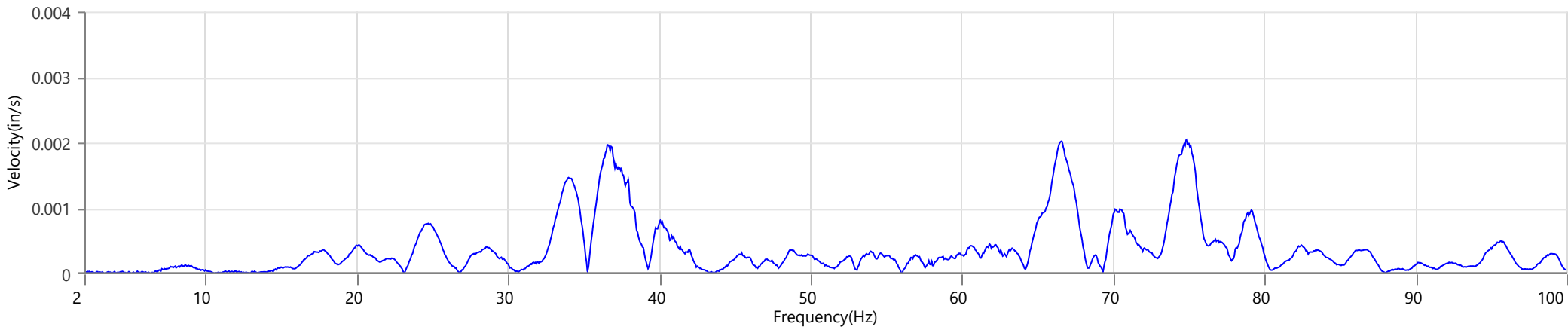
Tran - Dominant Frequency 37.3 Hz, Amplitude 0.0039 in/s (Peak Particle Velocity: 0.1682 in/s)



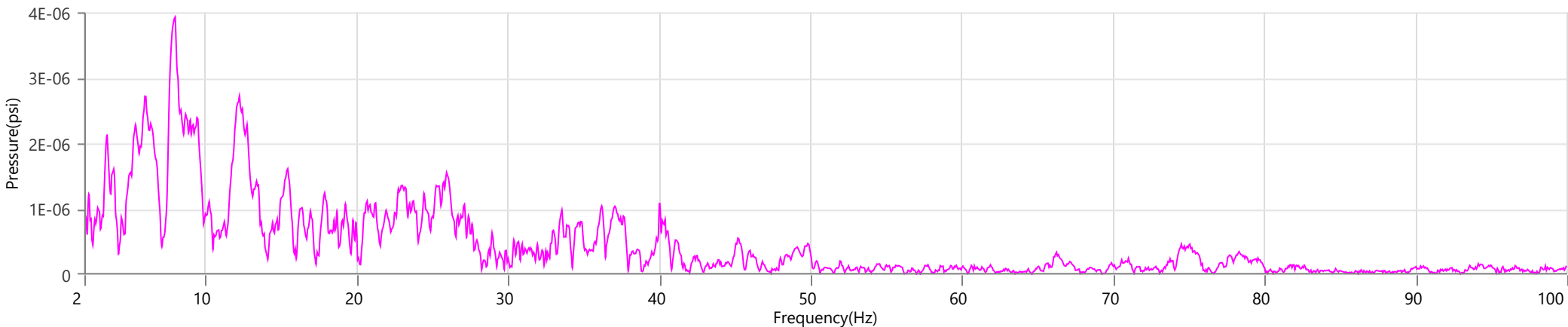
Vert - Dominant Frequency 36.9 Hz, Amplitude 0.0014 in/s (Peak Particle Velocity: 0.0664 in/s)



Long - Dominant Frequency 74.9 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.1216 in/s)



Mic - Dominant Frequency 8.0 Hz, Amplitude 0.00000 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

Tran at August 7, 2025 10:37:45
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_20250807103745.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

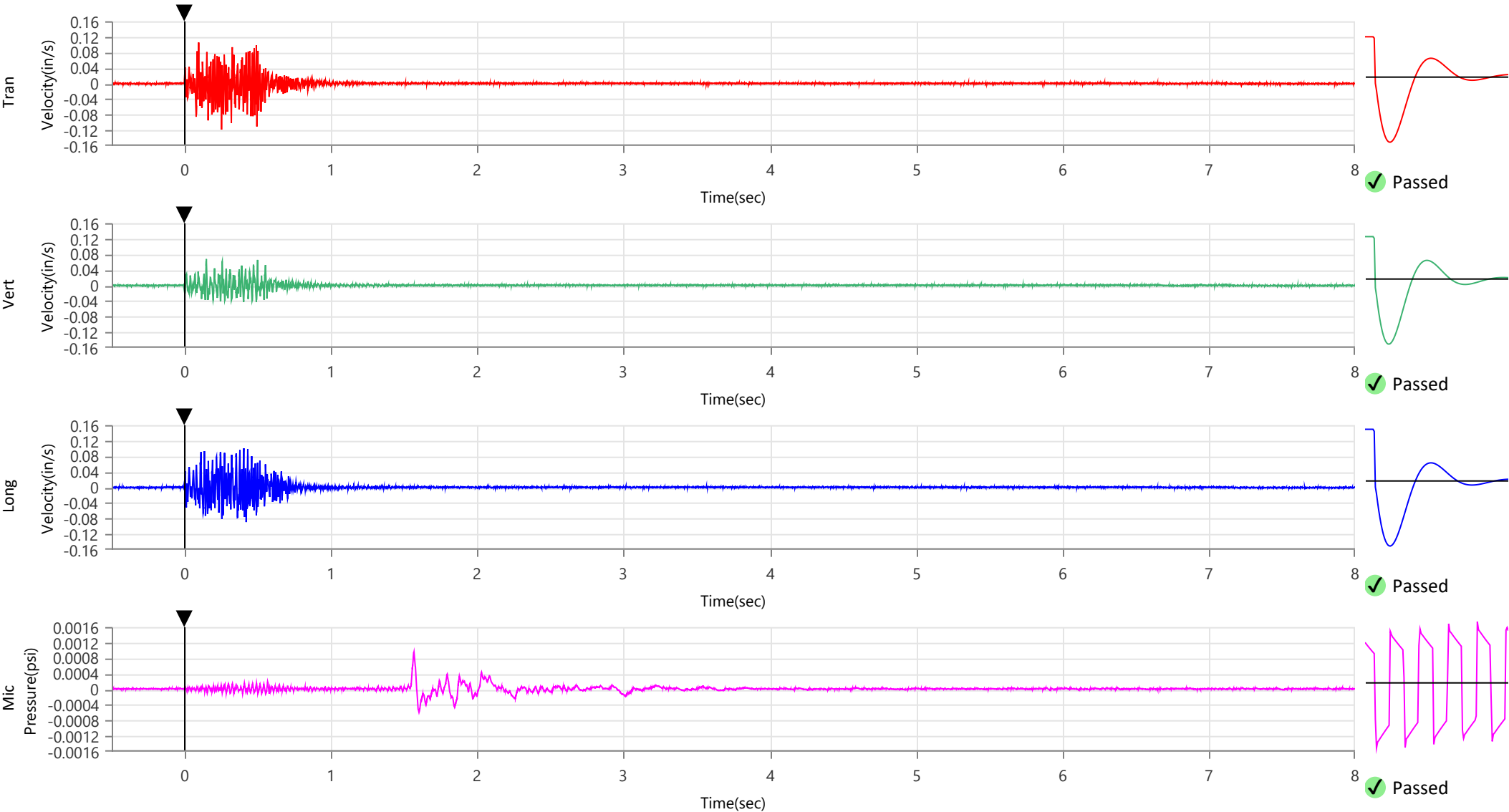
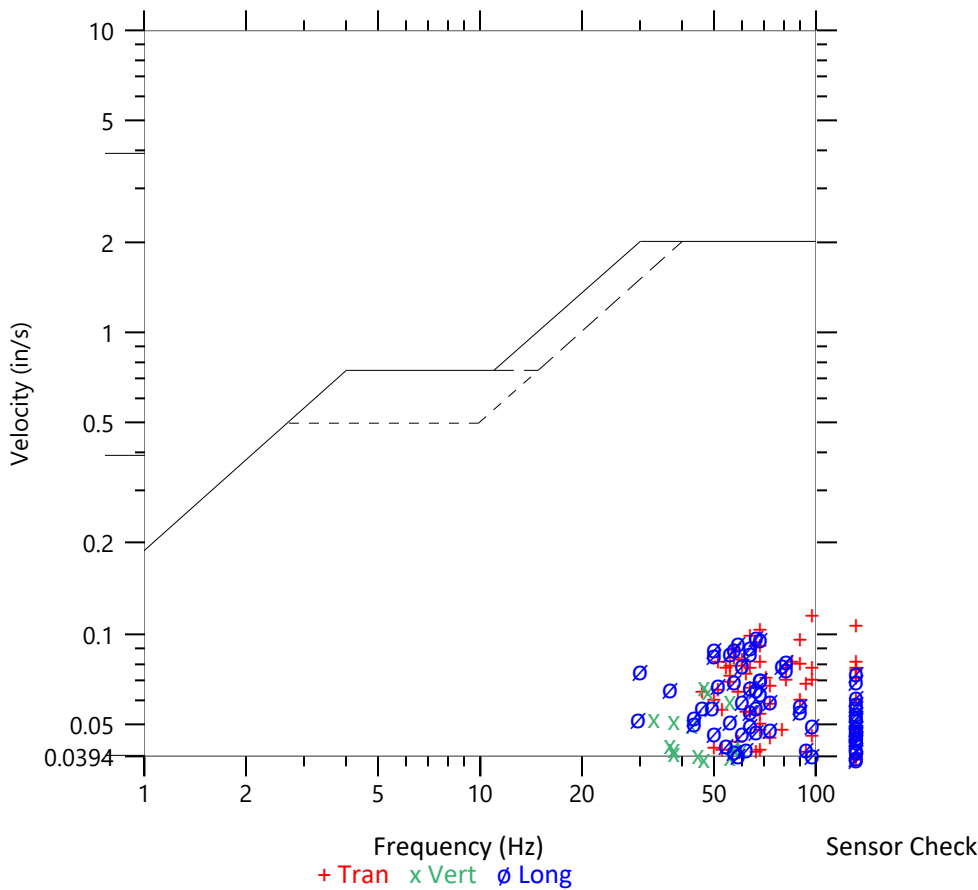
Tran	Vert	Long
0.1182 in/s	0.0680 in/s	0.1005 in/s
97.5 Hz	46.5 Hz	66.1 Hz
0.251 sec	0.148 sec	0.404 sec
0.237 g	0.095 g	0.184 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.7 Hz	7.3 Hz
3.4	3.4	3.5

Peak Vector Sum 0.1293 in/s at 0.252 sec

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

0.000959 psi
110.4 dB(L)
1.567 sec
7.3 Hz
✓ Passed
19.7 Hz
1126 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 August 7, 2025 10:37:45
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

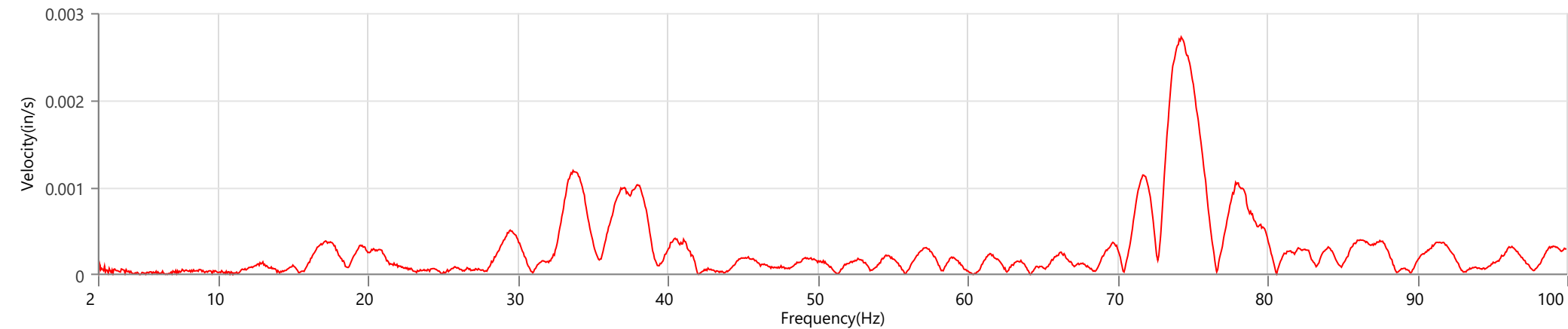
UM9228
Micromate ISEE 11.0AK
3.8 volts
April 24, 2025 by Instantel
UM9228_20250807103745.IDFW
Disabled

Notes
Location
Client
Company
General Notes

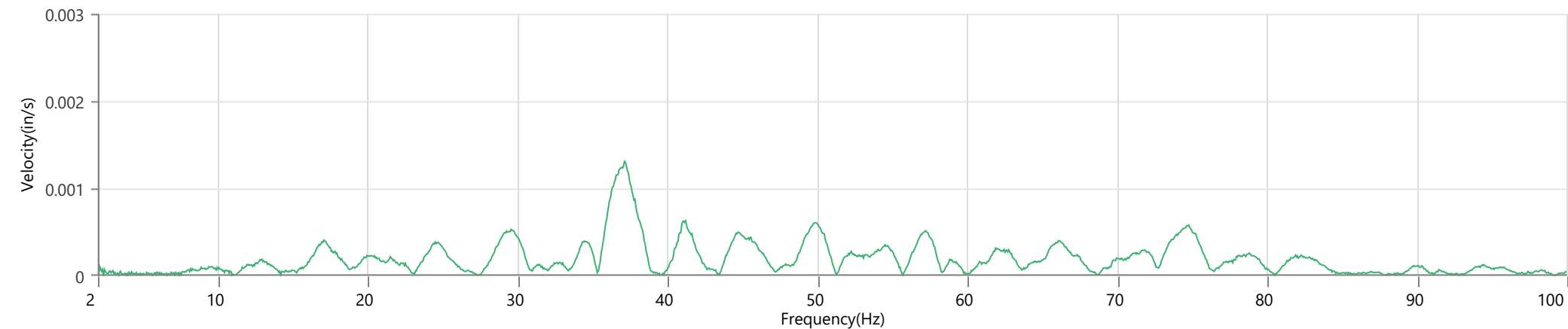
Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

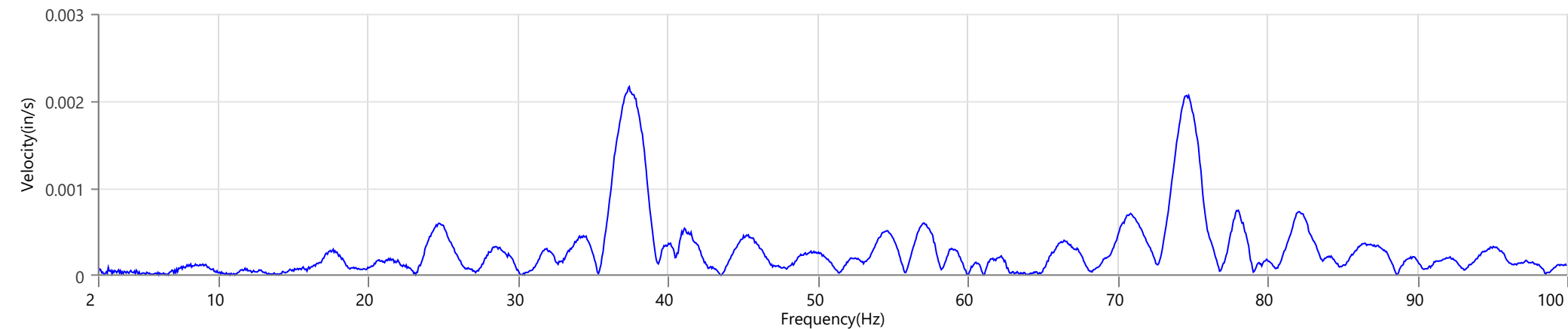
Tran - Dominant Frequency 74.2 Hz, Amplitude 0.0027 in/s (Peak Particle Velocity: 0.1182 in/s)



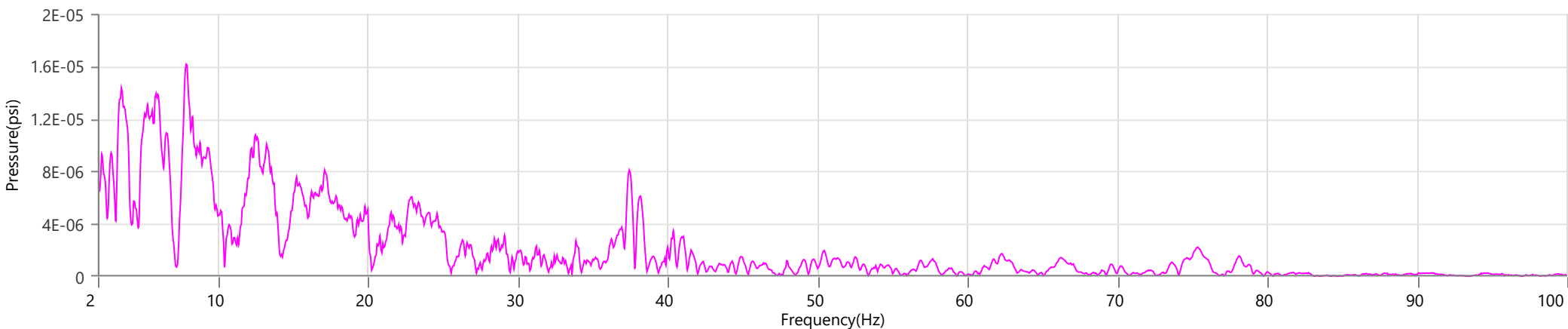
Vert - Dominant Frequency 37.1 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.0680 in/s)



Long - Dominant Frequency 37.4 Hz, Amplitude 0.0022 in/s (Peak Particle Velocity: 0.1005 in/s)



Mic - Dominant Frequency 7.9 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000959 psi)



Waveform Trigger Source Long at August 7, 2025 10:37:44
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_20250807103744.IDFW
USB Sensor Support Disabled

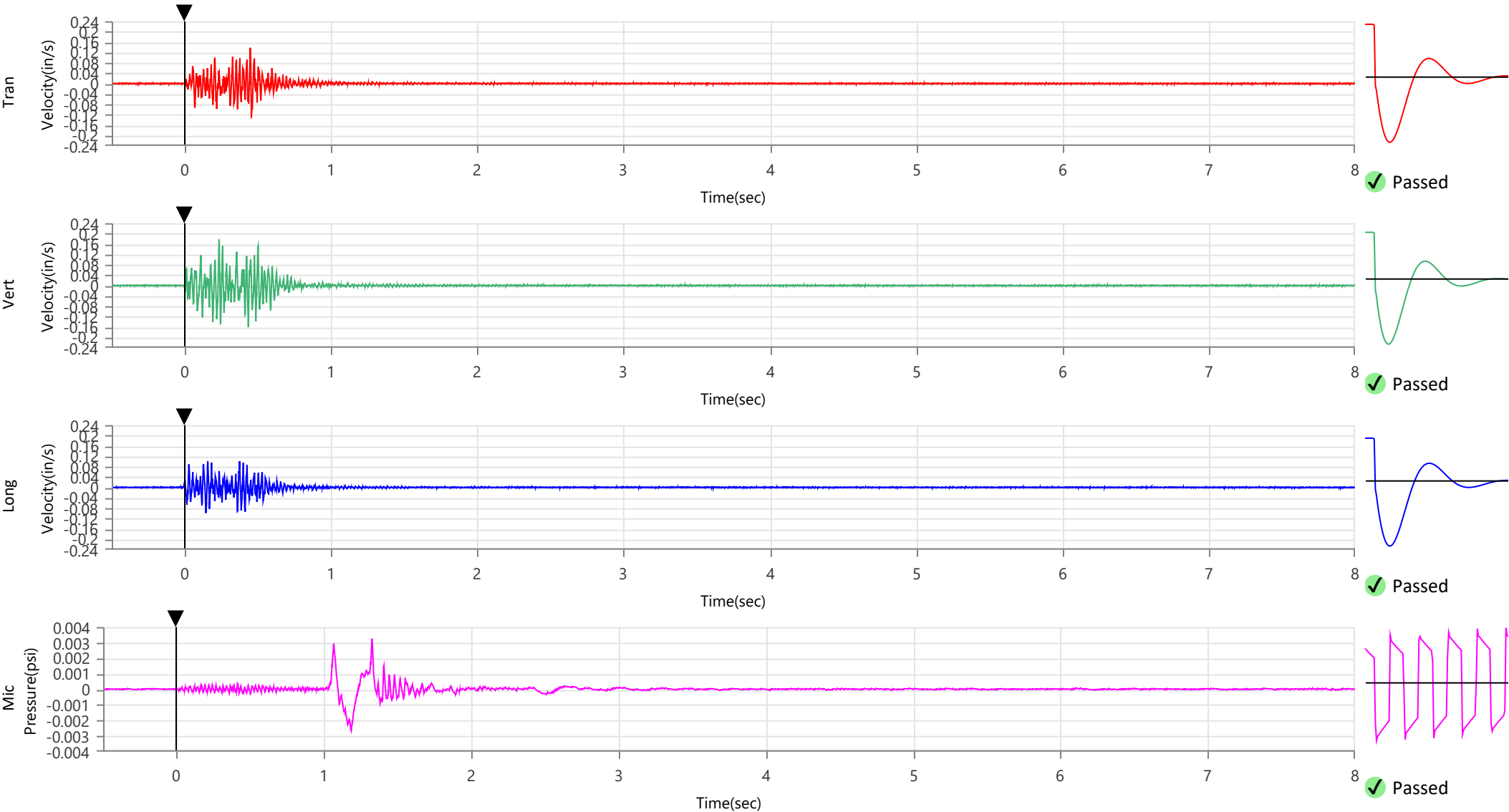
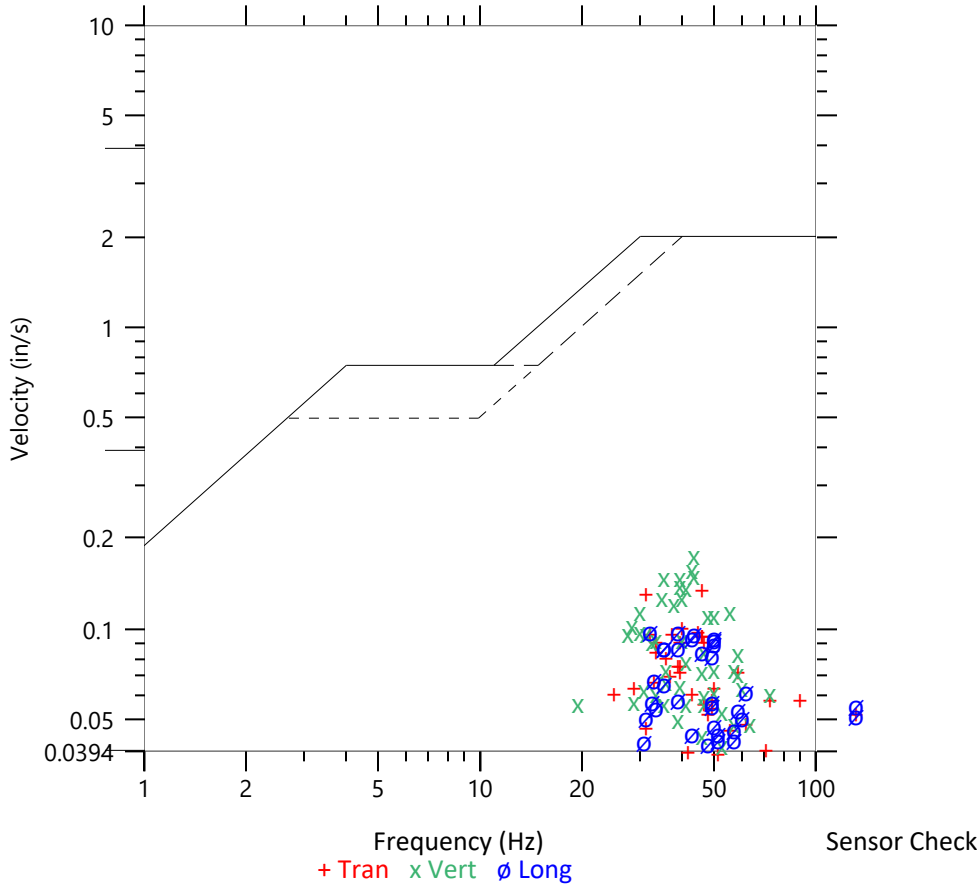
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1378 in/s	0.1775 in/s	0.1005 in/s
Zero Crossing Frequency	45.5 Hz	43.6 Hz	32.0 Hz
Time (Relative to Trigger)	0.448 sec	0.234 sec	0.157 sec
Peak Acceleration	0.168 g	0.161 g	0.115 g
Peak Displacement	0.001 in	0.001 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.9 Hz	7.3 Hz
Overswing Ratio	3.4	3.6	3.6
Peak Vector Sum	0.1916 in/s at 0.234 sec		

ISEE Linear Microphone	
Peak Sound Pressure Level	0.003261 psi
Peak Sound Pressure Level	121.0 dB(L)
Time (Relative to Trigger)	1.325 sec
Zero Crossing Frequency	4.3 Hz
Sensor Check	✓ Passed
Frequency	20.5 Hz
Test Amplitude	1359 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



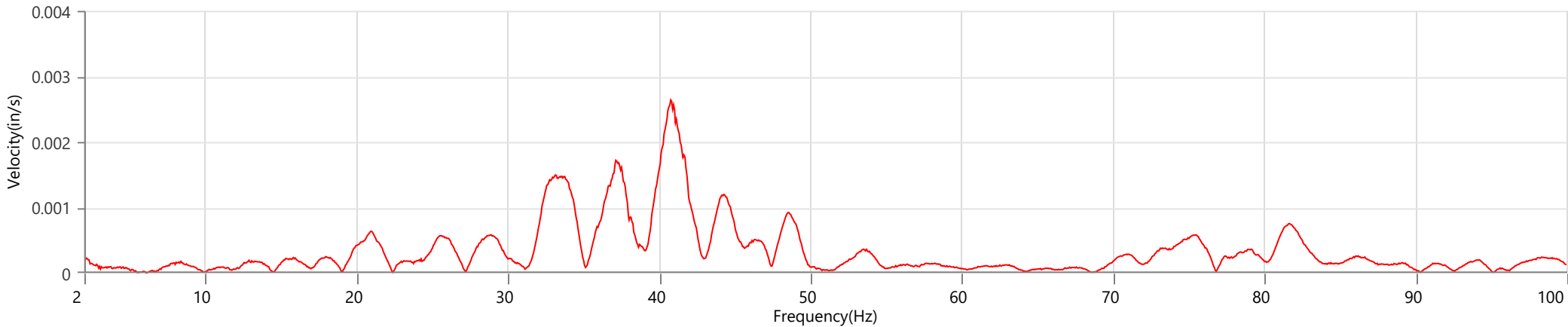
Waveform Trigger Source Long at August 7, 2025 10:37:44
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

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_20250807103744.IDFW
USB Sensor Support Disabled

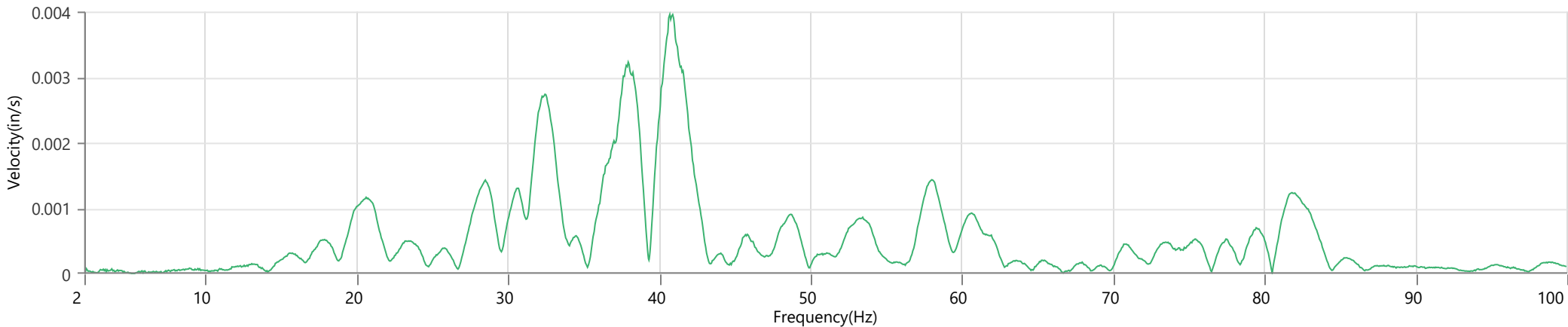
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

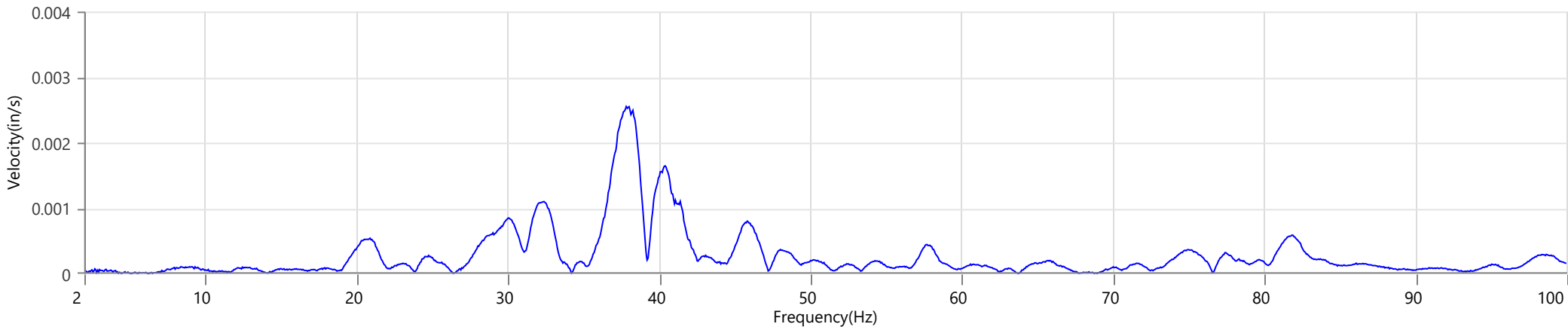
Tran - Dominant Frequency 40.8 Hz, Amplitude 0.0026 in/s (Peak Particle Velocity: 0.1378 in/s)



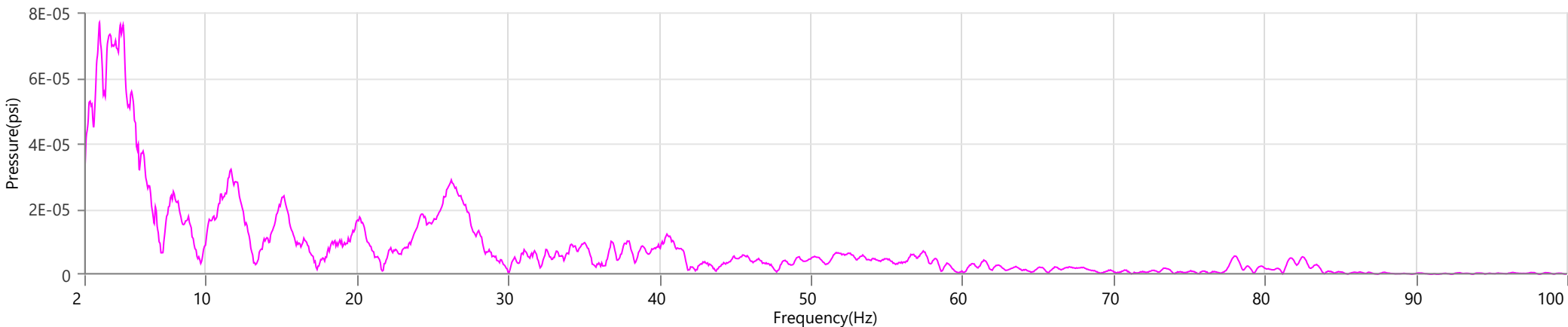
Vert - Dominant Frequency 40.7 Hz, Amplitude 0.0040 in/s (Peak Particle Velocity: 0.1775 in/s)



Long - Dominant Frequency 37.8 Hz, Amplitude 0.0026 in/s (Peak Particle Velocity: 0.1005 in/s)



Mic - Dominant Frequency 3.0 Hz, Amplitude 0.00008 psi (Peak Sound Pressure Level: 0.003261 psi)





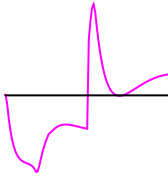
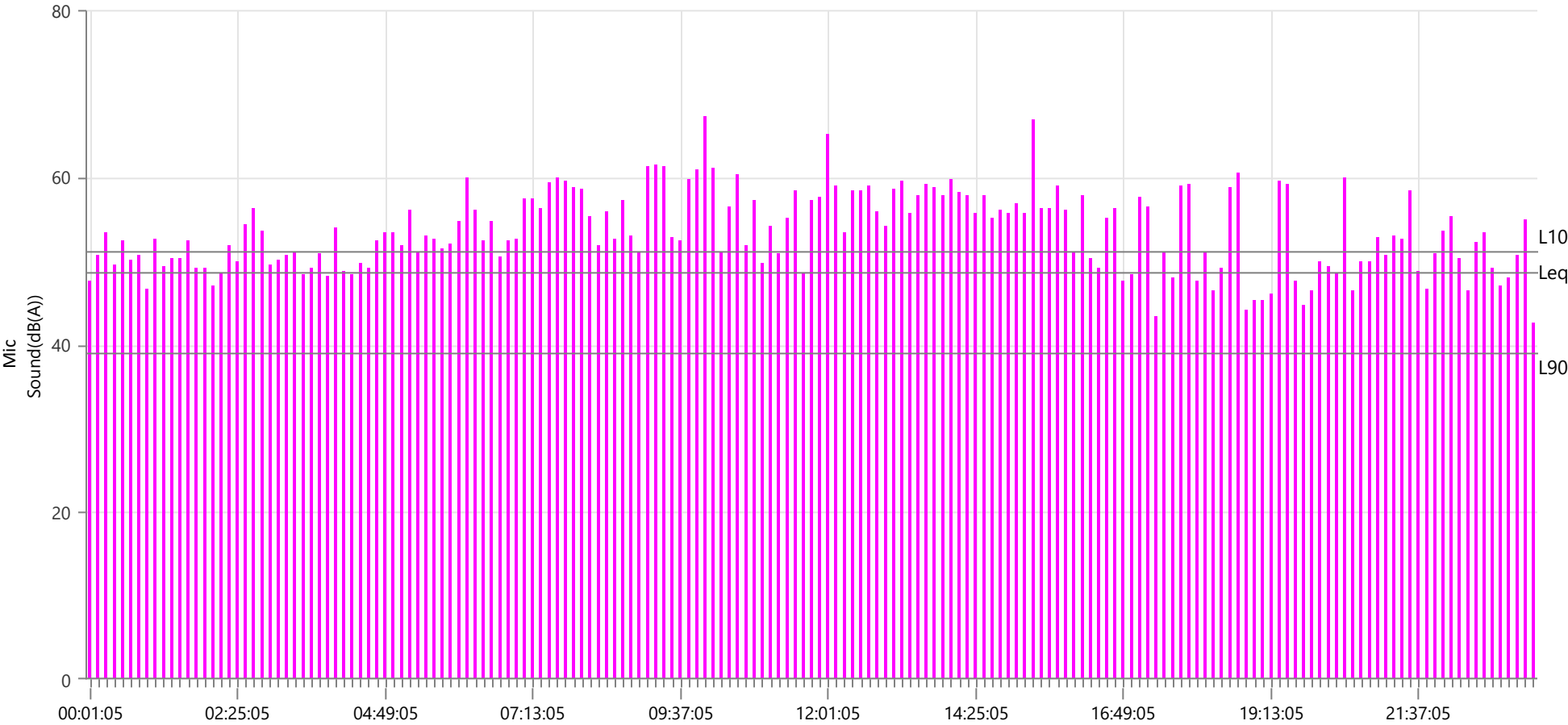
Start August 7, 2025 00:00:05
Finish August 7, 2025 23:29:59
Number of Intervals/Interval 1409.91/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 2.mmb
Operator Operator

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_20250807000005.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 67.3 dB(A)
Date Aug 7, 2025
Time 10:08:05
A-Weight Slow
LMin 33.3 L10 51 L90 39 Leq 48.5
Sensor Check Passed
Test Amplitude 1079 mv



Passed



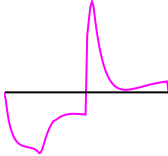
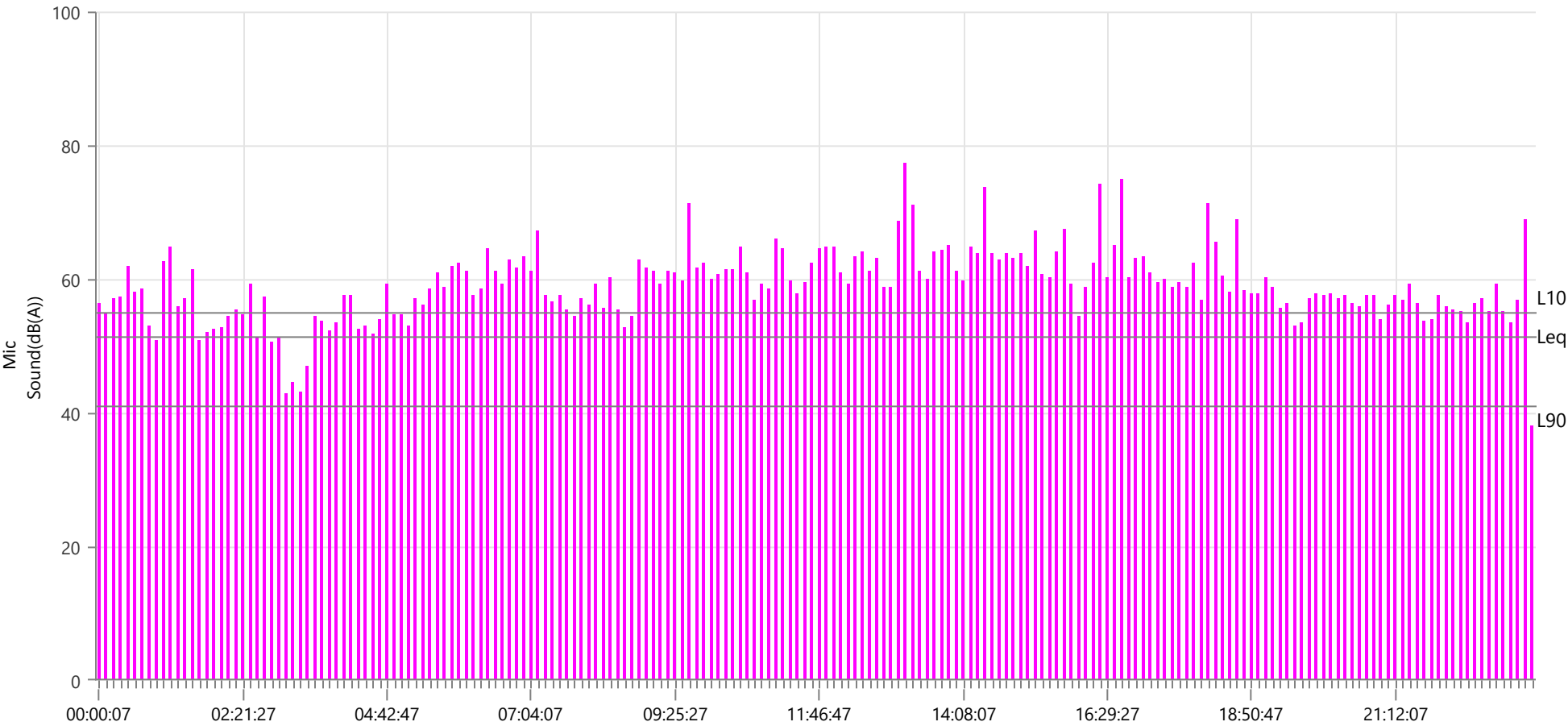
Start August 7, 2025 00:00:05
Finish August 7, 2025 23:29:59
Number of Intervals/Interval 42297.25/2 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

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_20250807000005.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.

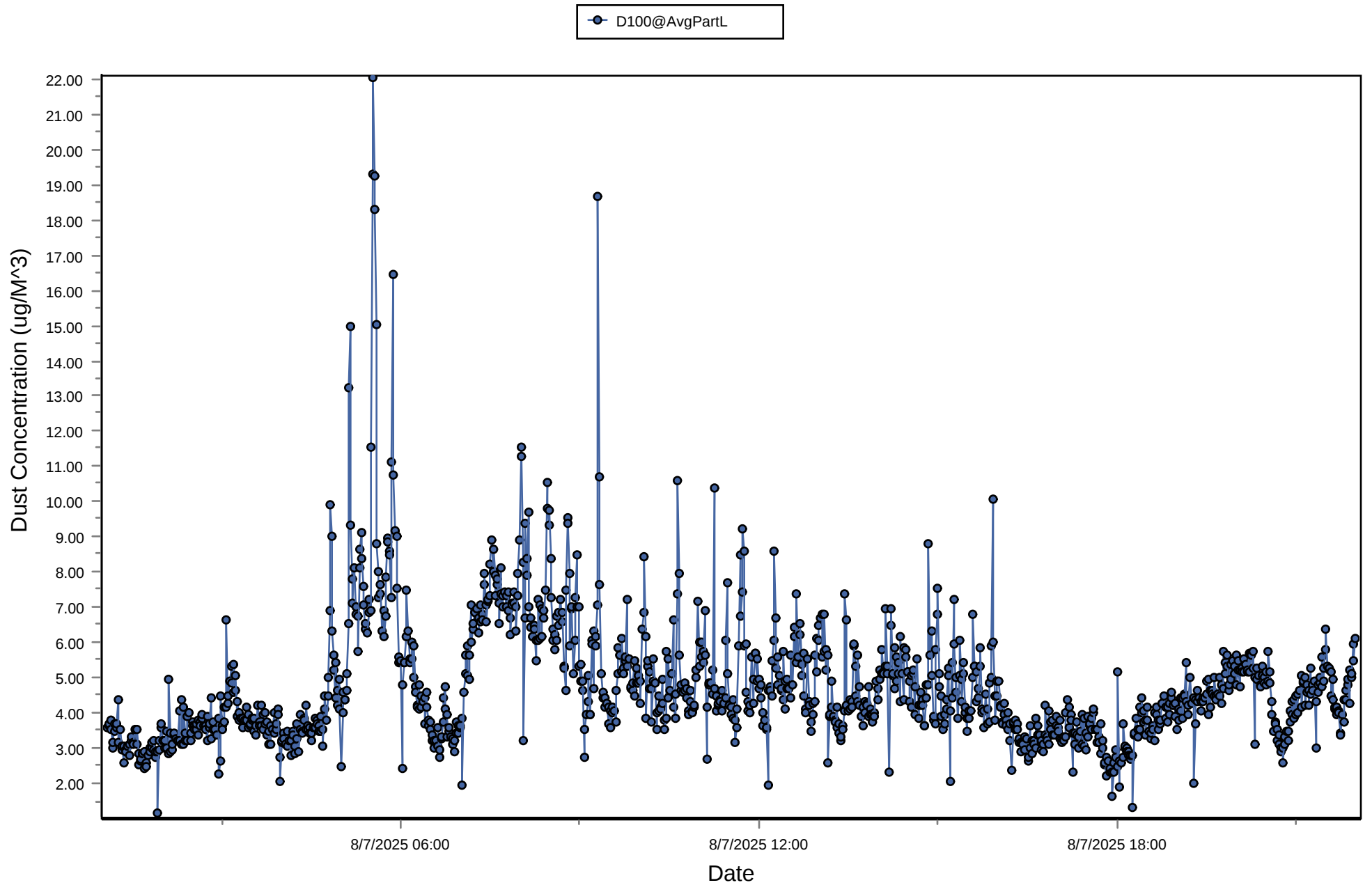
Sound Level Microphone
LMax 77.3 dB(A)
Date Aug 7, 2025
Time 13:11:47
LMin 35.4 L10 55 L90 41 Leq 51.4
Sensor Check Passed
Test Amplitude 950 mv



Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

