

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

Long at June 17, 2025 11:17:57
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
3.8 volts
March 19, 2025 by Instantel
UM6427_20250617111757.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
0.1278 in/s
39.4 Hz
0.264 sec
0.135 g
0.001 in
✓ Passed
7.3 Hz
4.0

Vert
0.1843 in/s
56.9 Hz
0.455 sec
0.171 g
0.001 in
✓ Passed
7.7 Hz
3.7

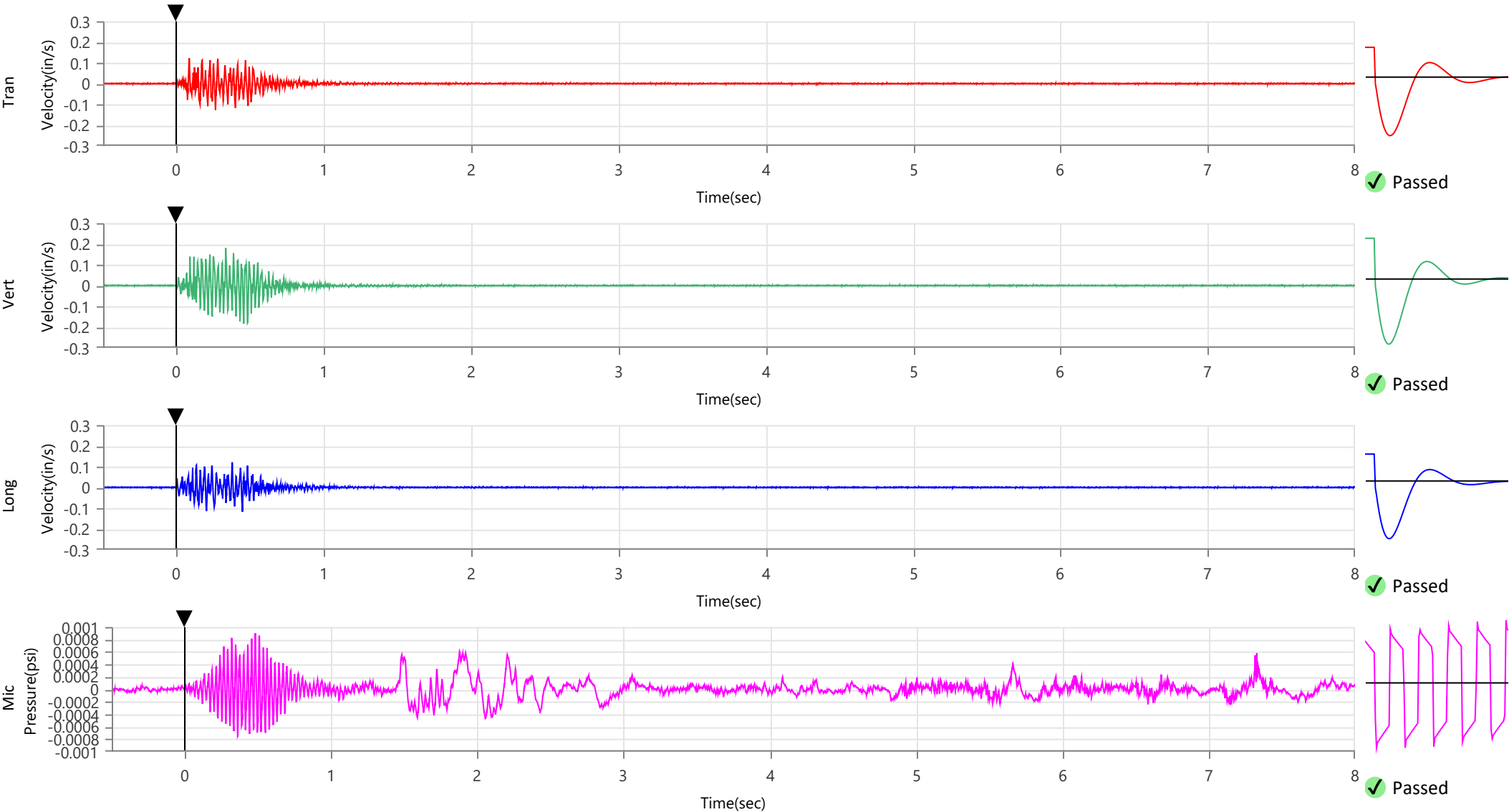
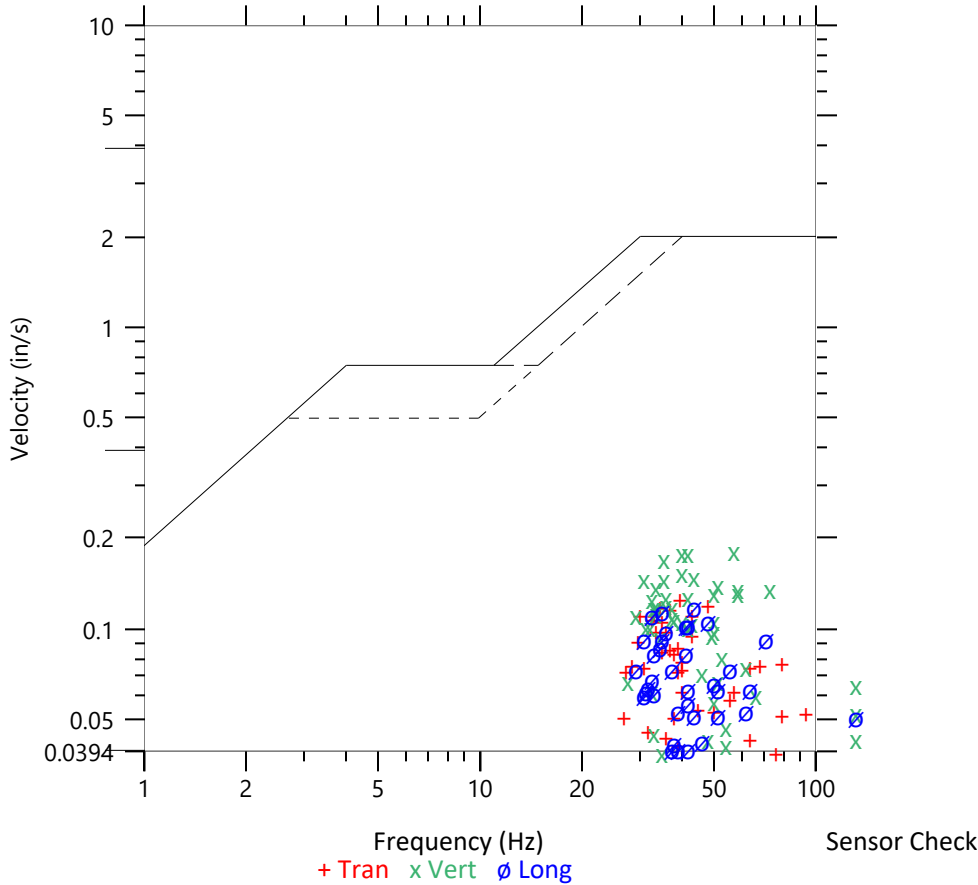
Long
0.1207 in/s
43.6 Hz
0.377 sec
0.115 g
0.001 in
✓ Passed
7.1 Hz
5.0

Peak Vector Sum
0.2130 in/s at 0.481 sec

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

0.000900 psi
109.8 dB(L)
0.482 sec
37.2 Hz
✓ Passed
20.5 Hz
1274 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



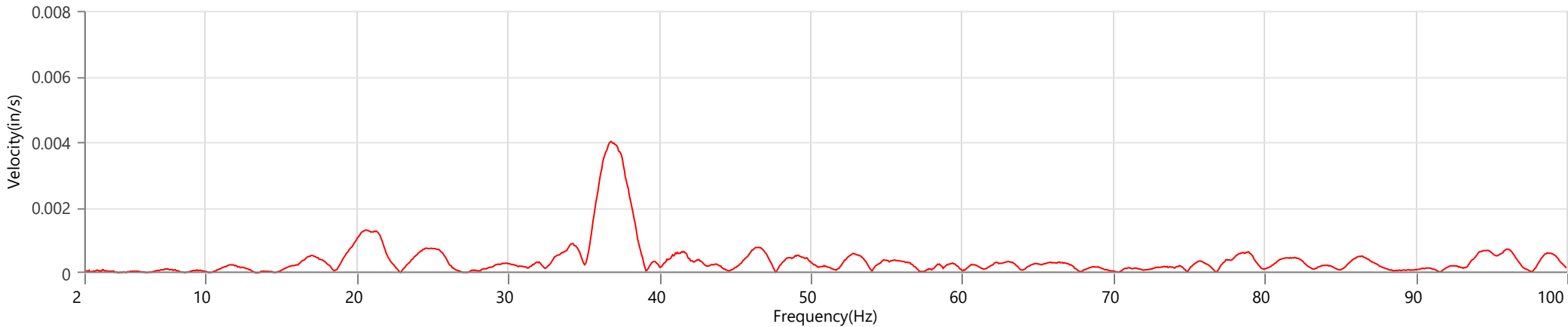
Waveform Trigger Source Long at June 17, 2025 11:17:57
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

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_20250617111757.IDFW
USB Sensor Support Disabled

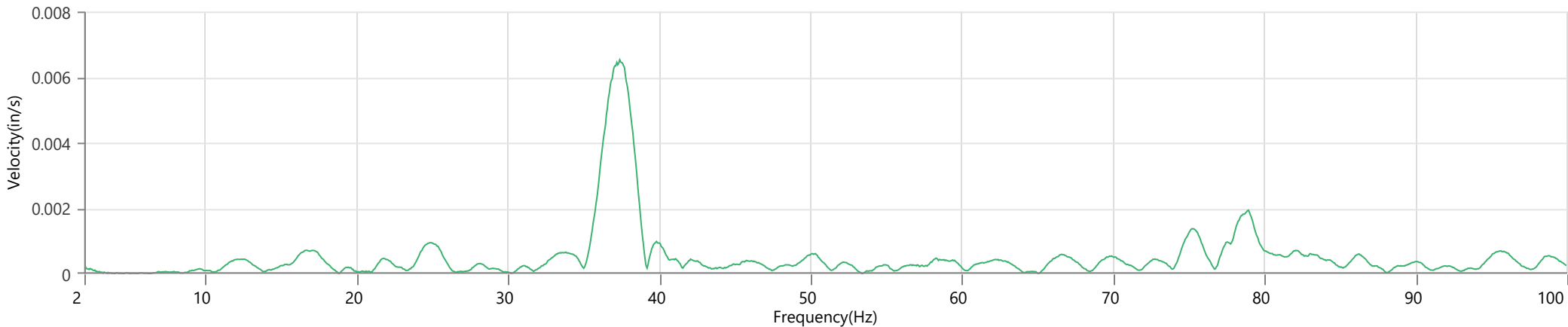
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

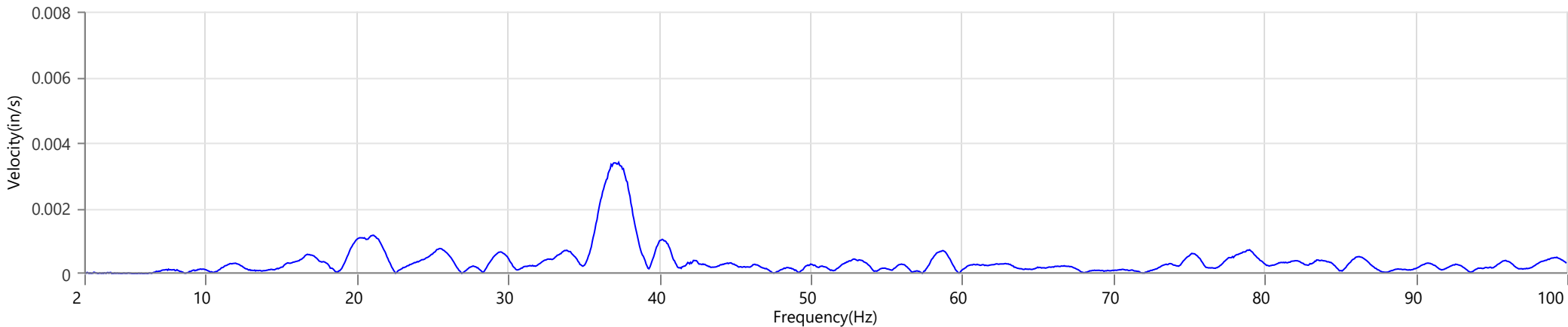
Tran - Dominant Frequency 36.8 Hz, Amplitude 0.0040 in/s (Peak Particle Velocity: 0.1278 in/s)



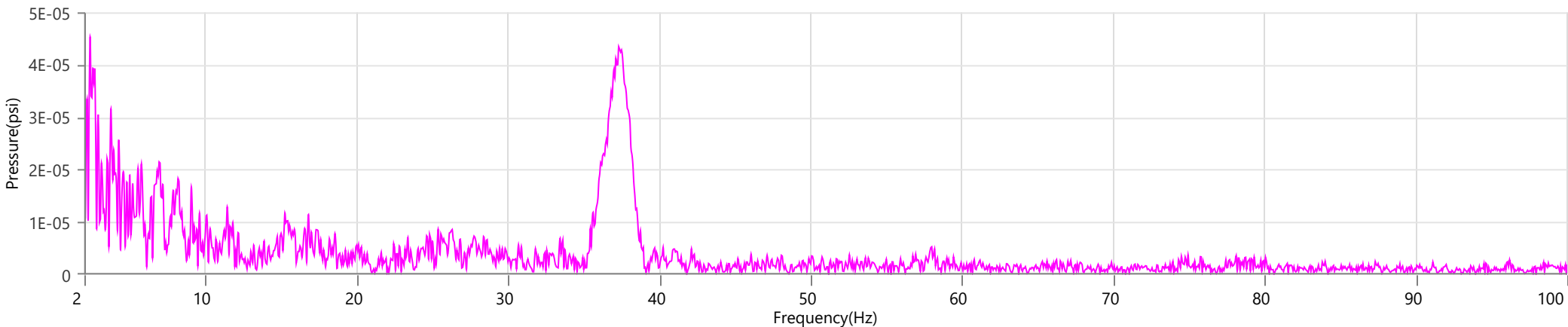
Vert - Dominant Frequency 37.4 Hz, Amplitude 0.0065 in/s (Peak Particle Velocity: 0.1843 in/s)



Long - Dominant Frequency 37.3 Hz, Amplitude 0.0034 in/s (Peak Particle Velocity: 0.1207 in/s)



Mic - Dominant Frequency 2.4 Hz, Amplitude 0.00005 psi (Peak Sound Pressure Level: 0.000900 psi)



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

Vert at June 17, 2025 11:17:57
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_20250617111757.IDFW
Disabled

Notes
Location
Client
Company
General Notes

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

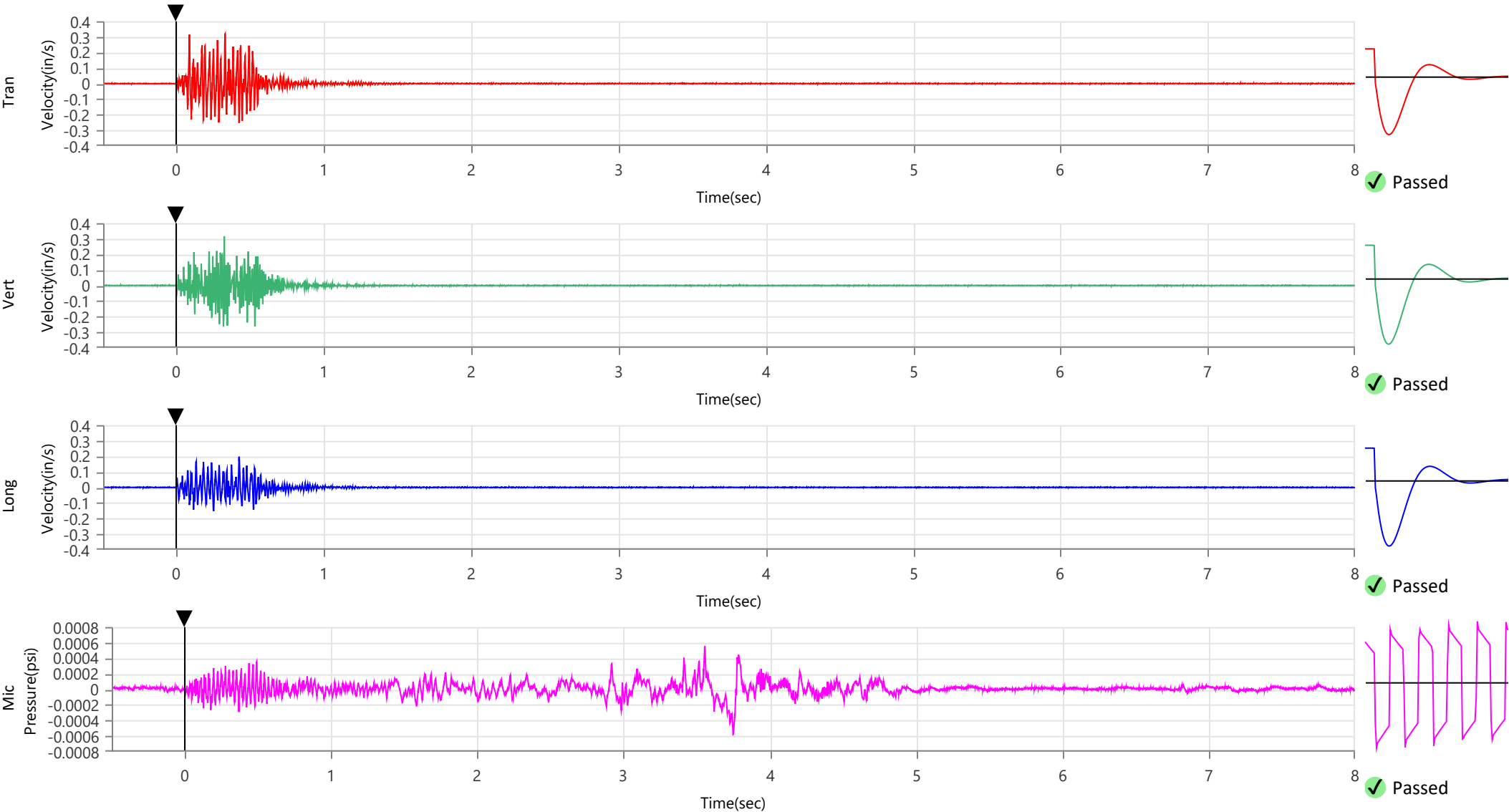
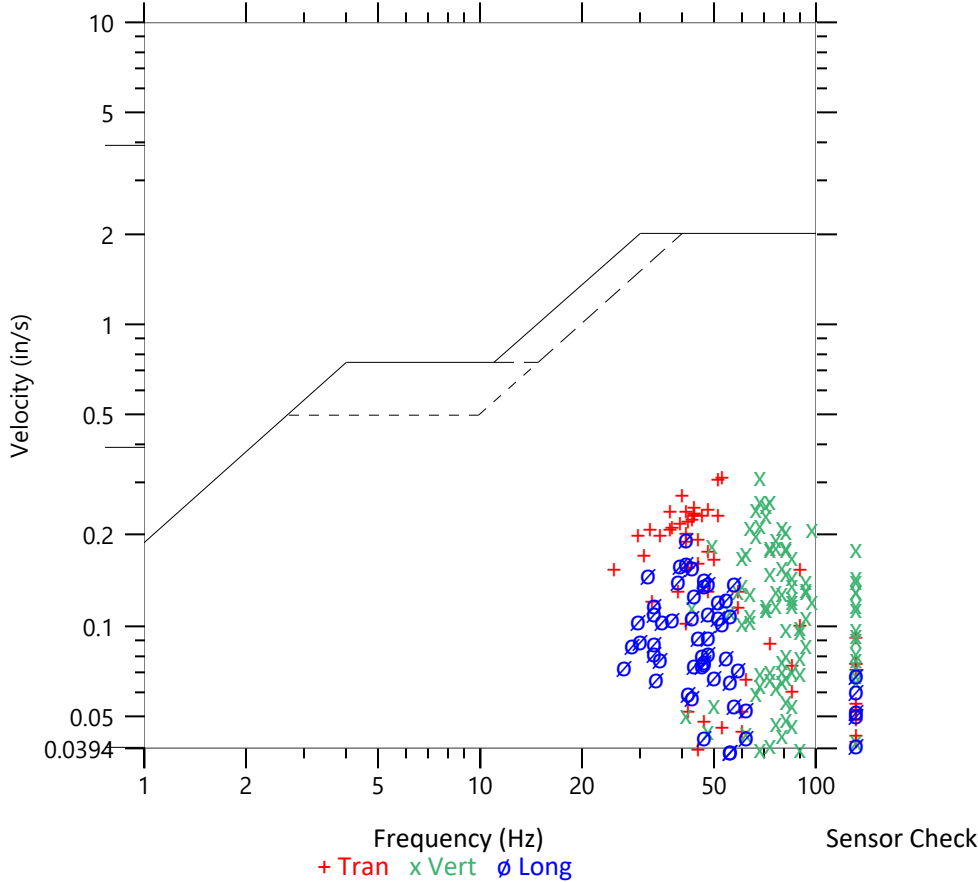
Extended Note N30.49742 W98.21566
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.3196 in/s	0.3162 in/s	0.1970 in/s
Zero Crossing Frequency	52.5 Hz	68.3 Hz	41.0 Hz
Time (Relative to Trigger)	0.329 sec	0.323 sec	0.424 sec
Peak Acceleration	0.309 g	0.395 g	0.207 g
Peak Displacement	0.001 in	0.001 in	0.001 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	0.3678 in/s at 0.329 sec		

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

0.000581 psi
106.0 dB(L)
3.749 sec
3.0 Hz
✓ Passed
20.5 Hz
1273 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



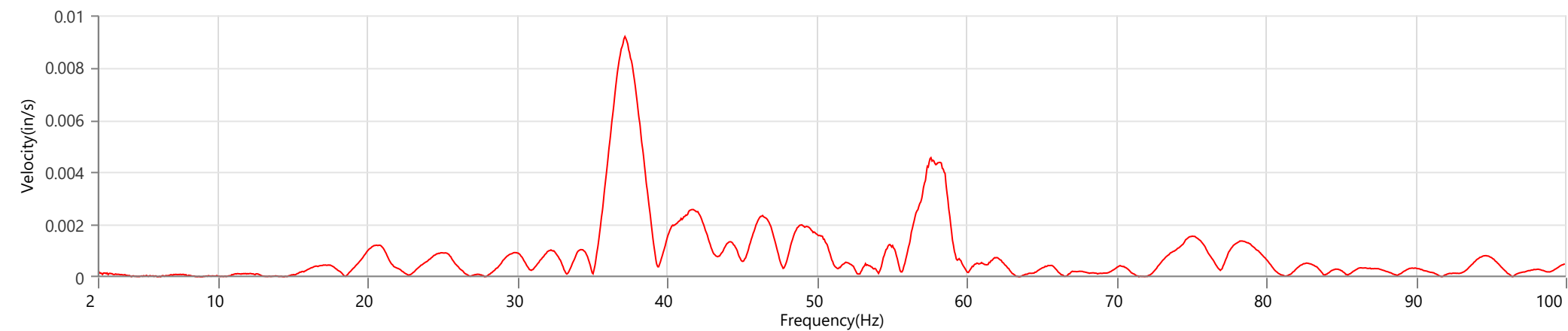
Waveform Trigger Source Vert at June 17, 2025 11:17:57
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20250617111757.IDFW
USB Sensor Support Disabled

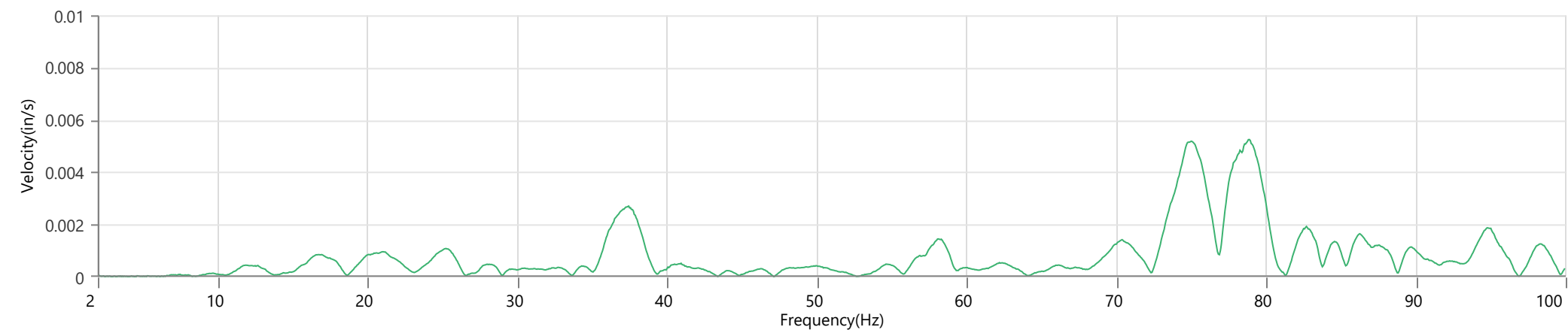
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

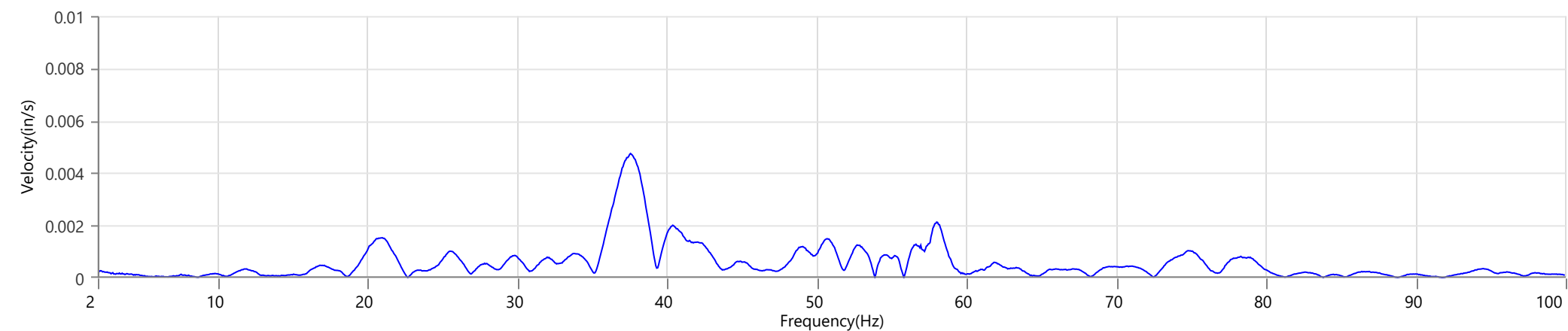
Tran - Dominant Frequency 37.2 Hz, Amplitude 0.0092 in/s (Peak Particle Velocity: 0.3196 in/s)



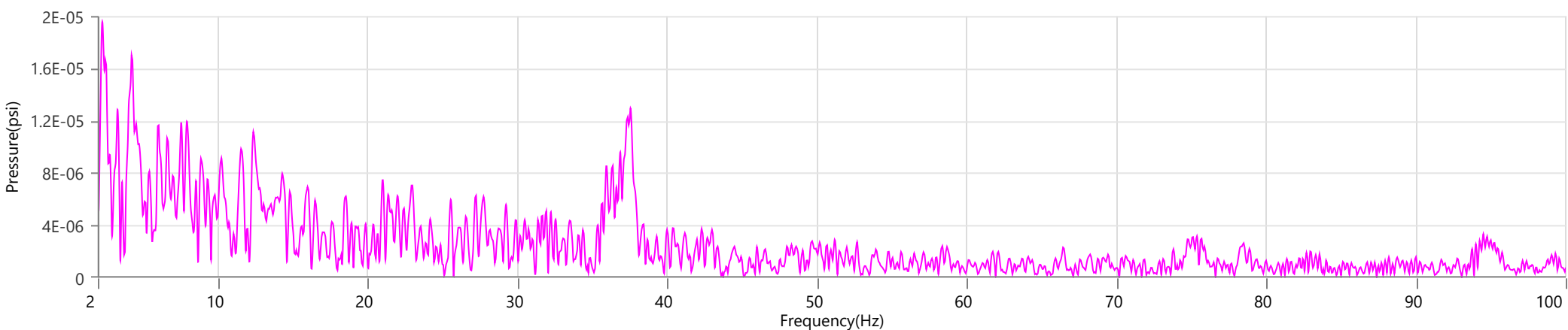
Vert - Dominant Frequency 78.9 Hz, Amplitude 0.0053 in/s (Peak Particle Velocity: 0.3162 in/s)



Long - Dominant Frequency 37.6 Hz, Amplitude 0.0048 in/s (Peak Particle Velocity: 0.1970 in/s)



Mic - Dominant Frequency 2.3 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000581 psi)



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

Vert at June 17, 2025 11:17:58
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_20250617111758.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

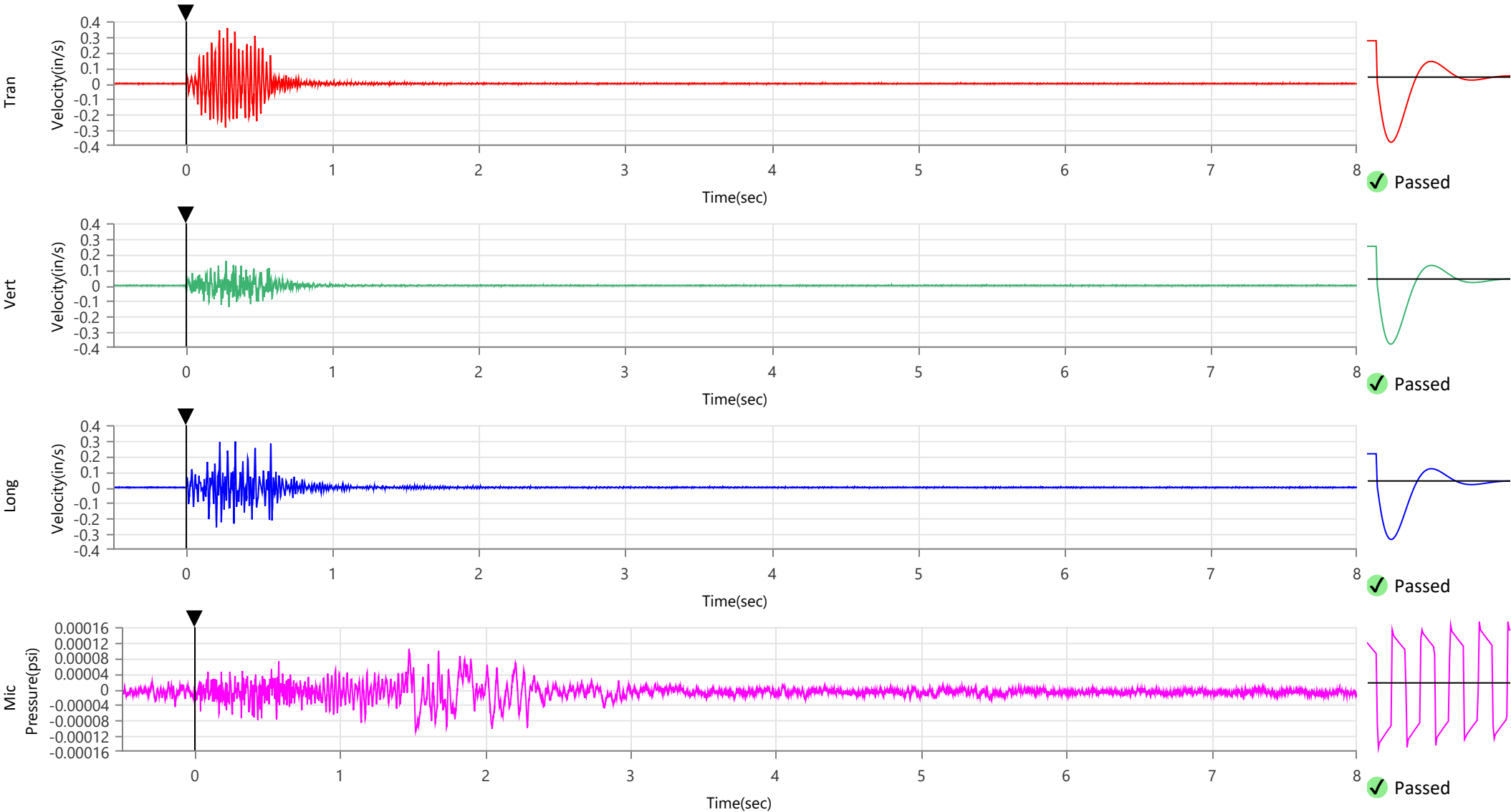
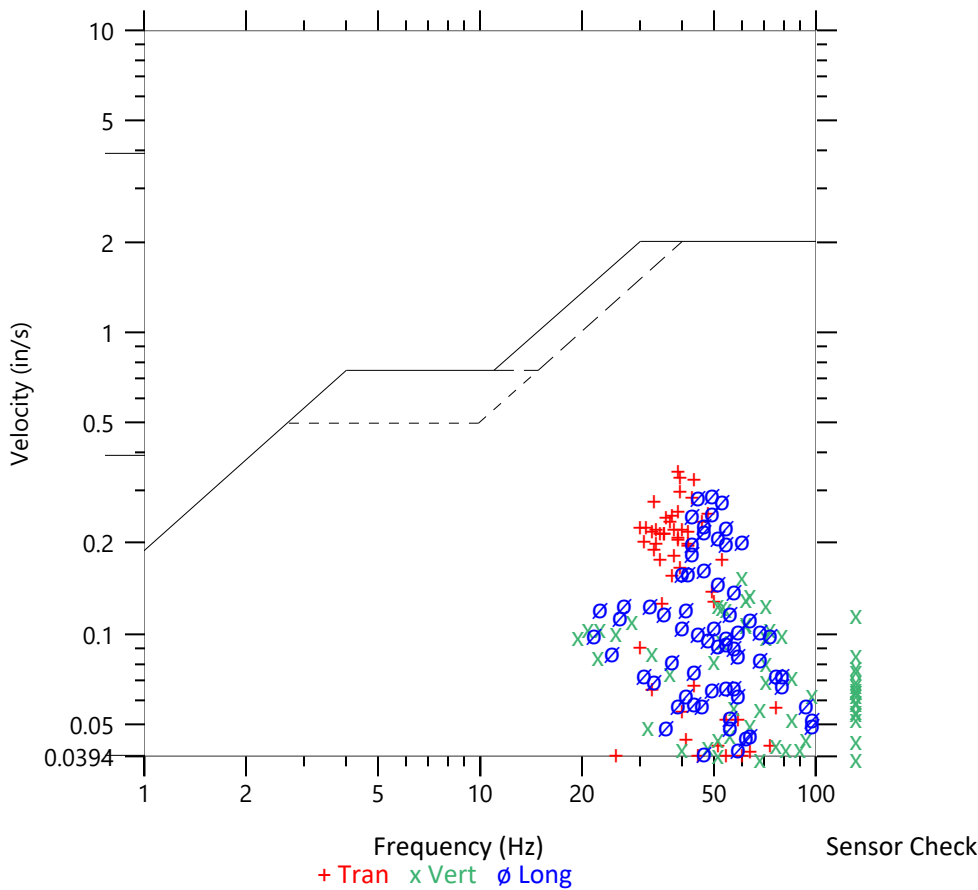
Tran	Vert	Long
0.3569 in/s	0.1576 in/s	0.2948 in/s
38.6 Hz	60.2 Hz	48.8 Hz
0.280 sec	0.272 sec	0.336 sec
0.237 g	0.220 g	0.267 g
0.001 in	0.001 in	0.001 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	7.3 Hz
4.1	4.7	4.7

Peak Vector Sum 0.4232 in/s at 0.229 sec

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

0.000108 psi
91.4 dB(L)
1.523 sec
9.1 Hz
✓ Passed
20.5 Hz
1288 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 June 17, 2025 11:17:58
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

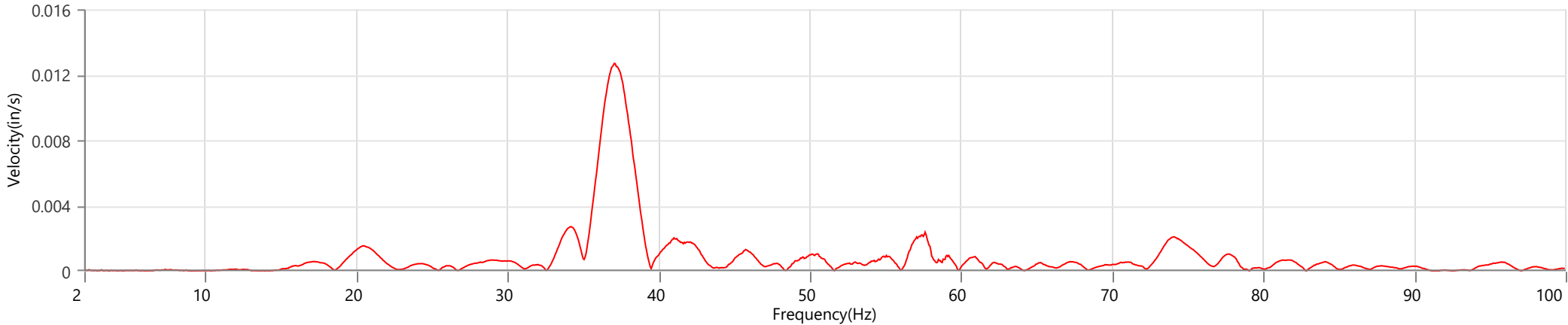
UM22233
Micromate ISEE 11.0AK
3.8 volts
February 20, 2025 by Instantel
UM22233_20250617111758.IDFW
Disabled

Notes
Location
Client
Company
General Notes

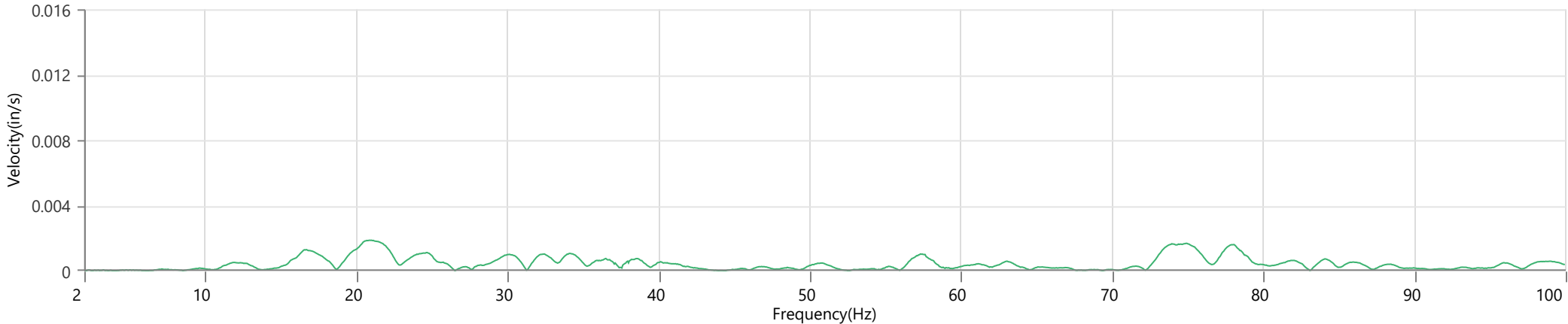
Station 4
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

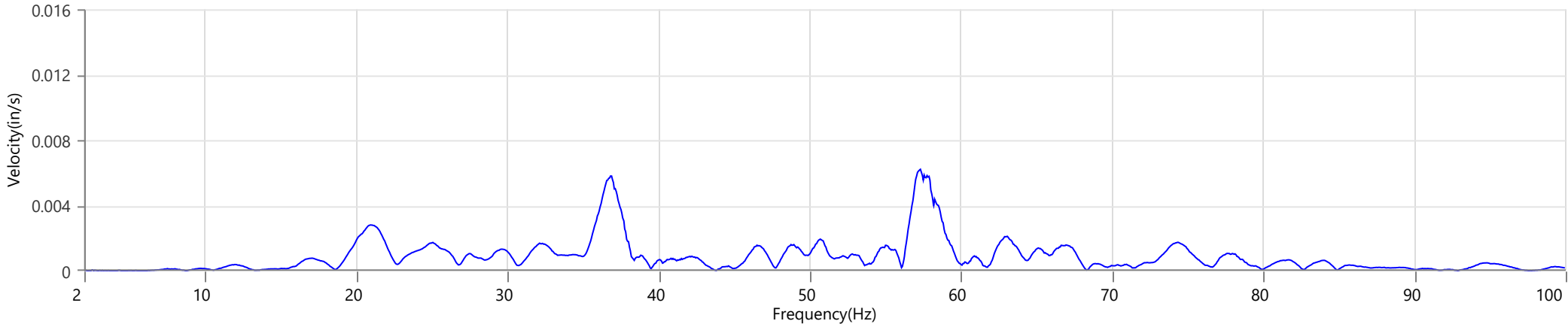
Tran - Dominant Frequency 37.1 Hz, Amplitude 0.0127 in/s (Peak Particle Velocity: 0.3569 in/s)



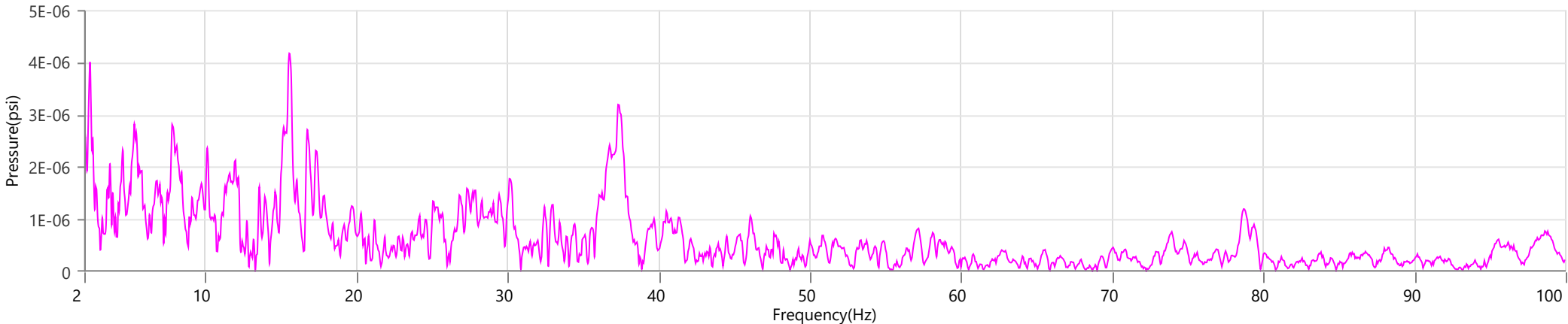
Vert - Dominant Frequency 21.0 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1576 in/s)



Long - Dominant Frequency 57.3 Hz, Amplitude 0.0062 in/s (Peak Particle Velocity: 0.2948 in/s)



Mic - Dominant Frequency 15.6 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000108 psi)



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

Vert at June 17, 2025 11:17:58
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_20250617111758.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

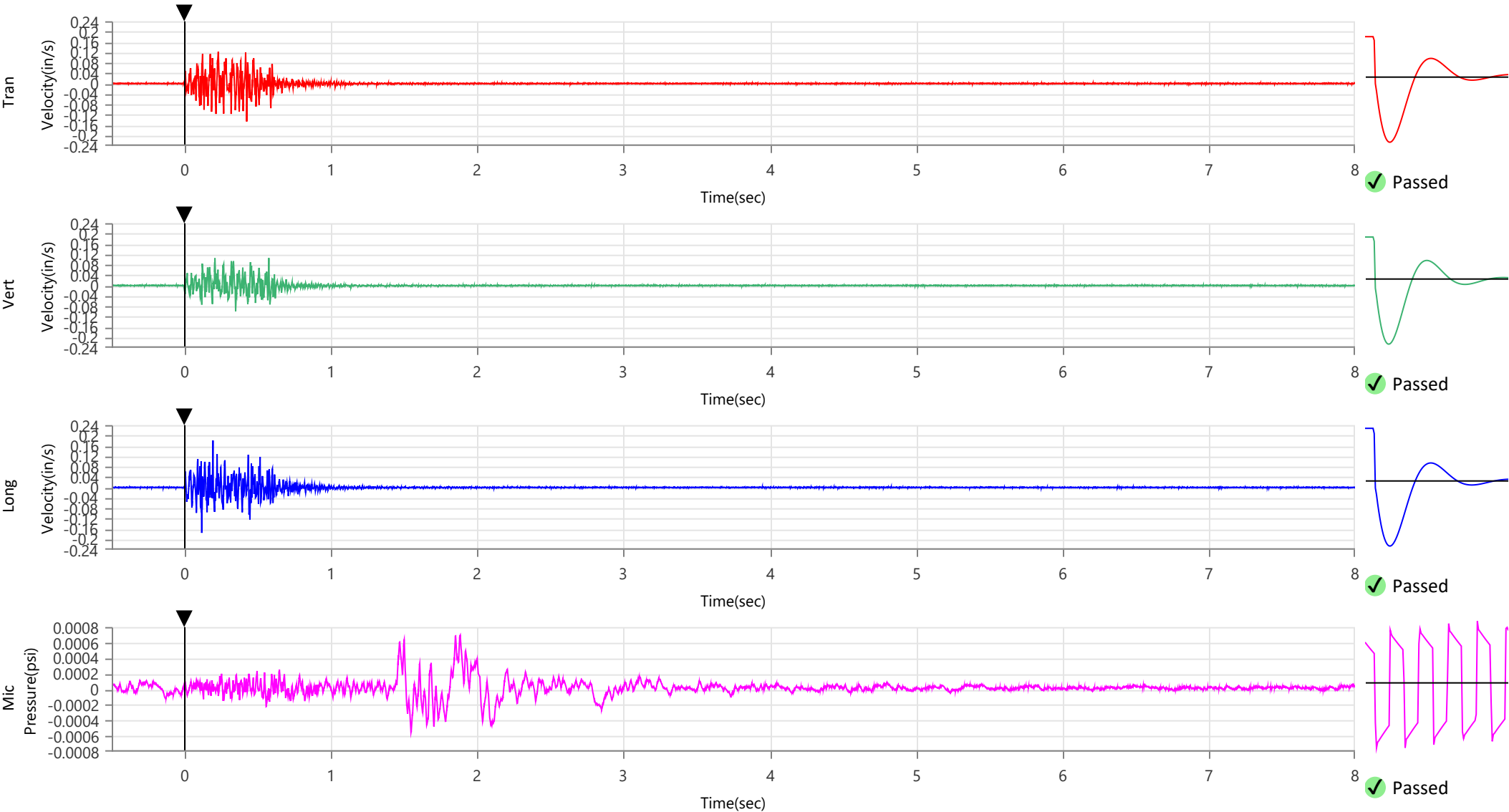
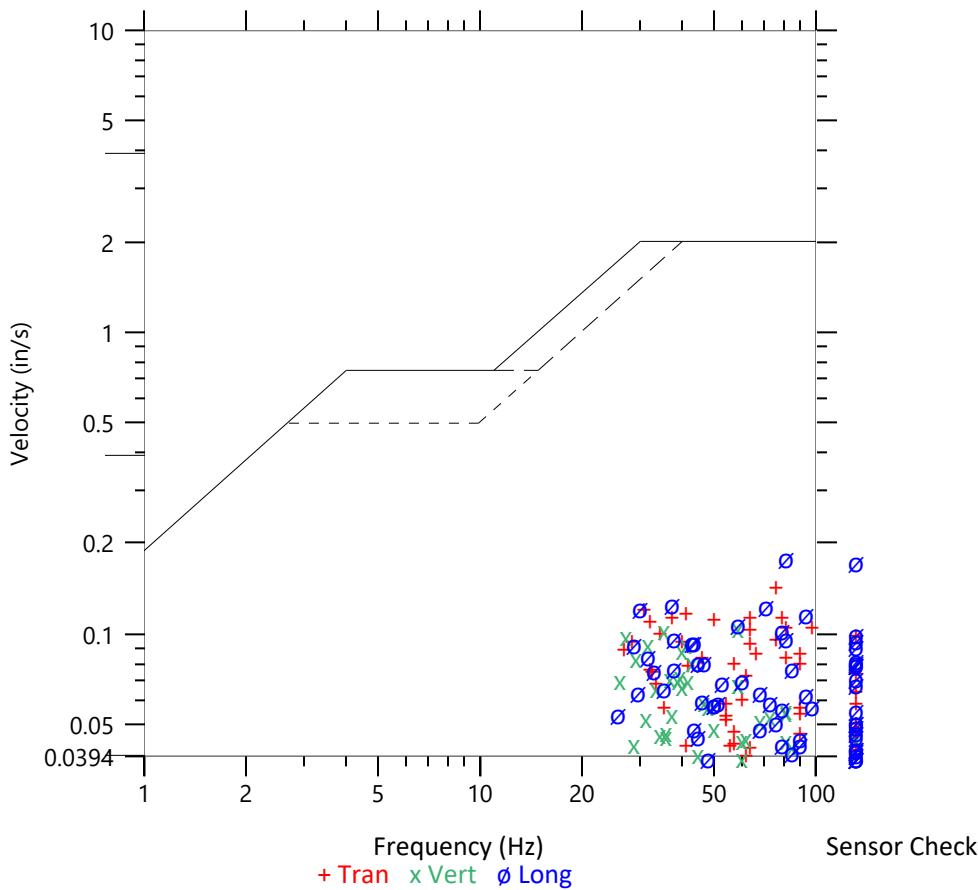
Tran	Vert	Long
0.1462 in/s	0.1058 in/s	0.1809 in/s
75.9 Hz	58.5 Hz	81.9 Hz
0.424 sec	0.574 sec	0.193 sec
0.207 g	0.201 g	0.316 g
0.001 in	0.000 in	0.001 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.7 Hz	7.3 Hz
3.4	3.5	3.6

Peak Vector Sum 0.2013 in/s at 0.116 sec

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

0.000695 psi
107.6 dB(L)
1.883 sec
2.4 Hz
✓ Passed
19.7 Hz
1214 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



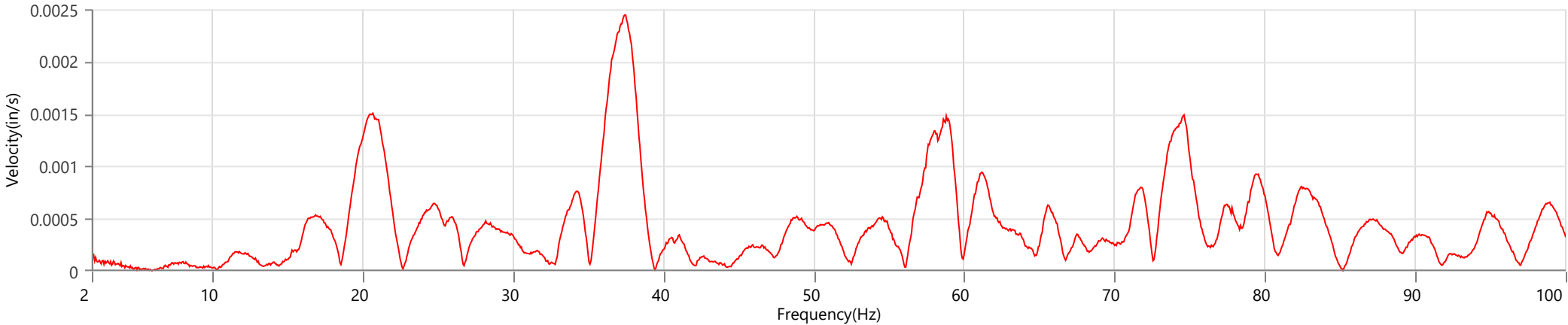
Waveform Trigger Source Vert at June 17, 2025 11:17:58
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

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_20250617111758.IDFW
USB Sensor Support Disabled

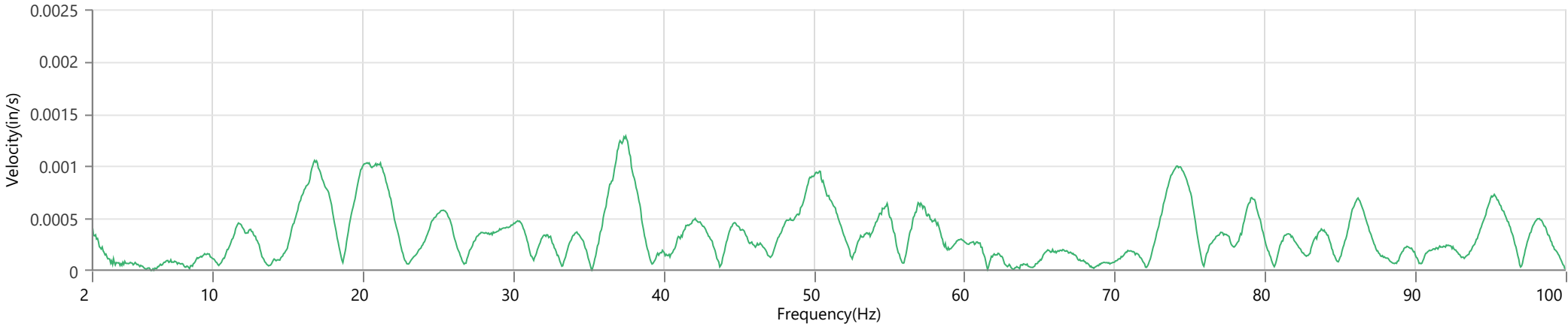
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

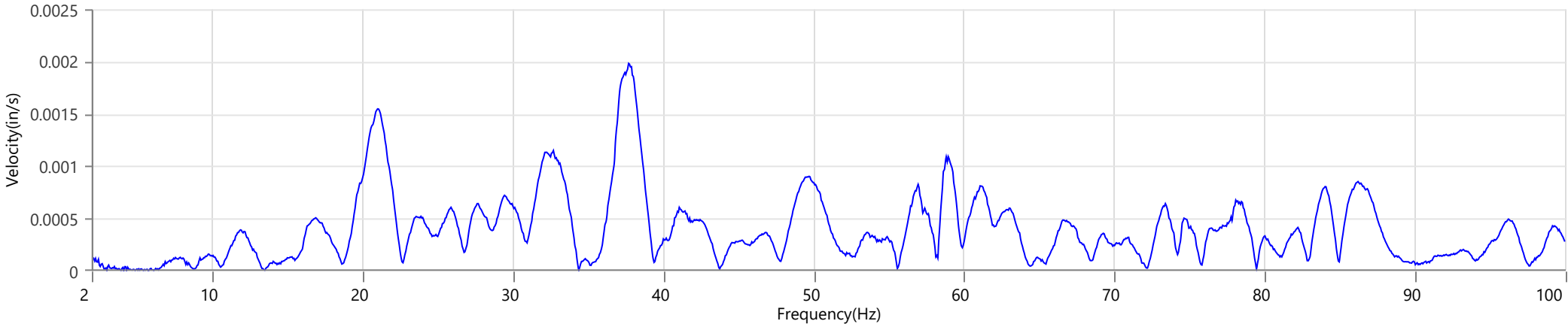
Tran - Dominant Frequency 37.4 Hz, Amplitude 0.0024 in/s (Peak Particle Velocity: 0.1462 in/s)



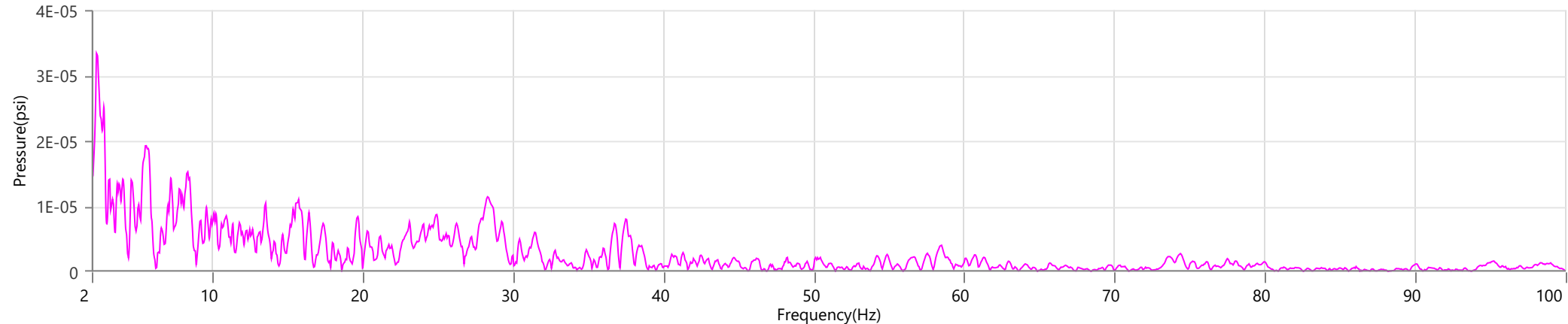
Vert - Dominant Frequency 37.5 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.1058 in/s)



Long - Dominant Frequency 37.7 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.1809 in/s)



Mic - Dominant Frequency 2.3 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000695 psi)



Waveform Trigger Source Long at June 17, 2025 11:17:56
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_20250617111756.IDFW
USB Sensor Support Disabled

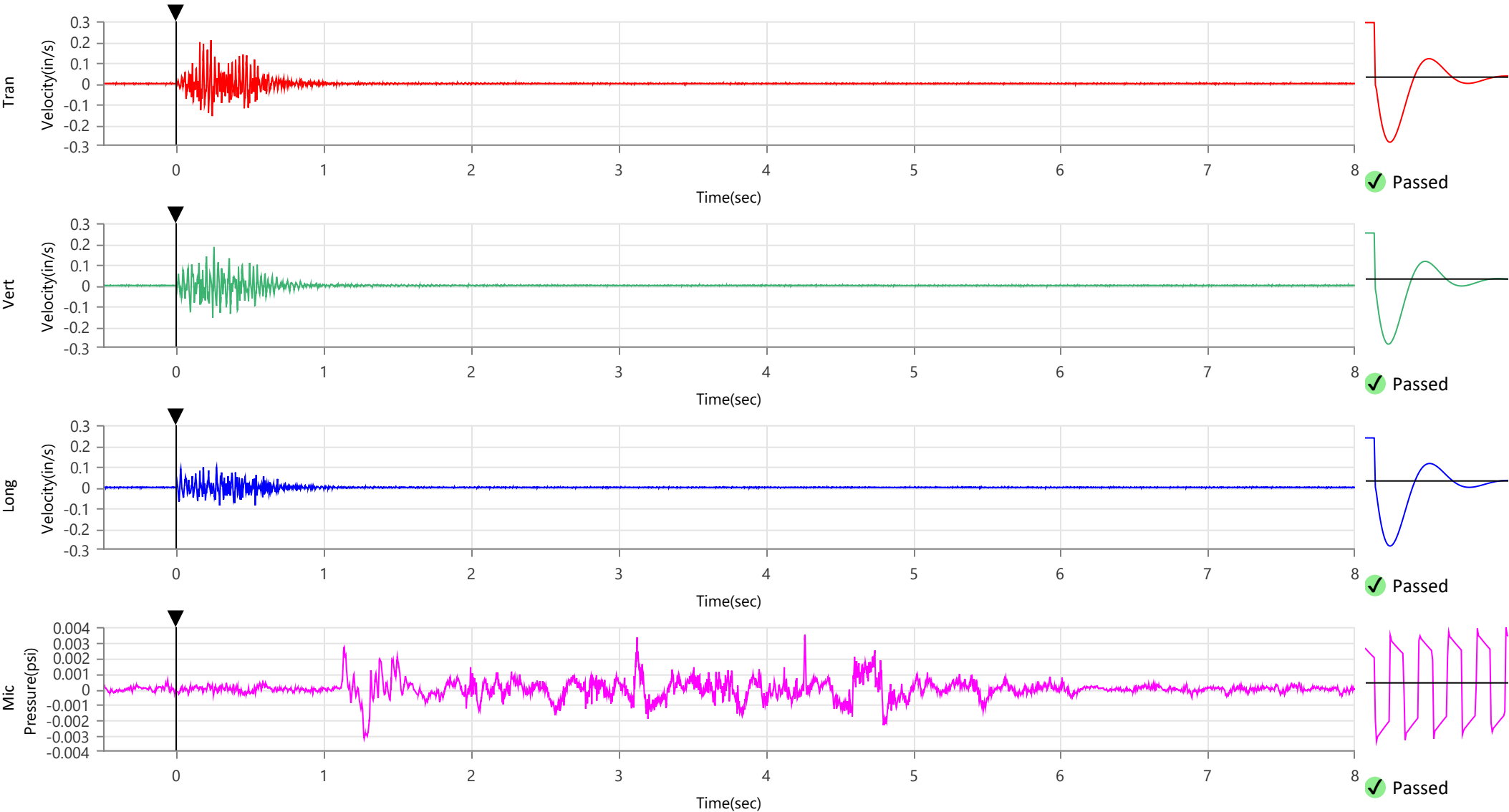
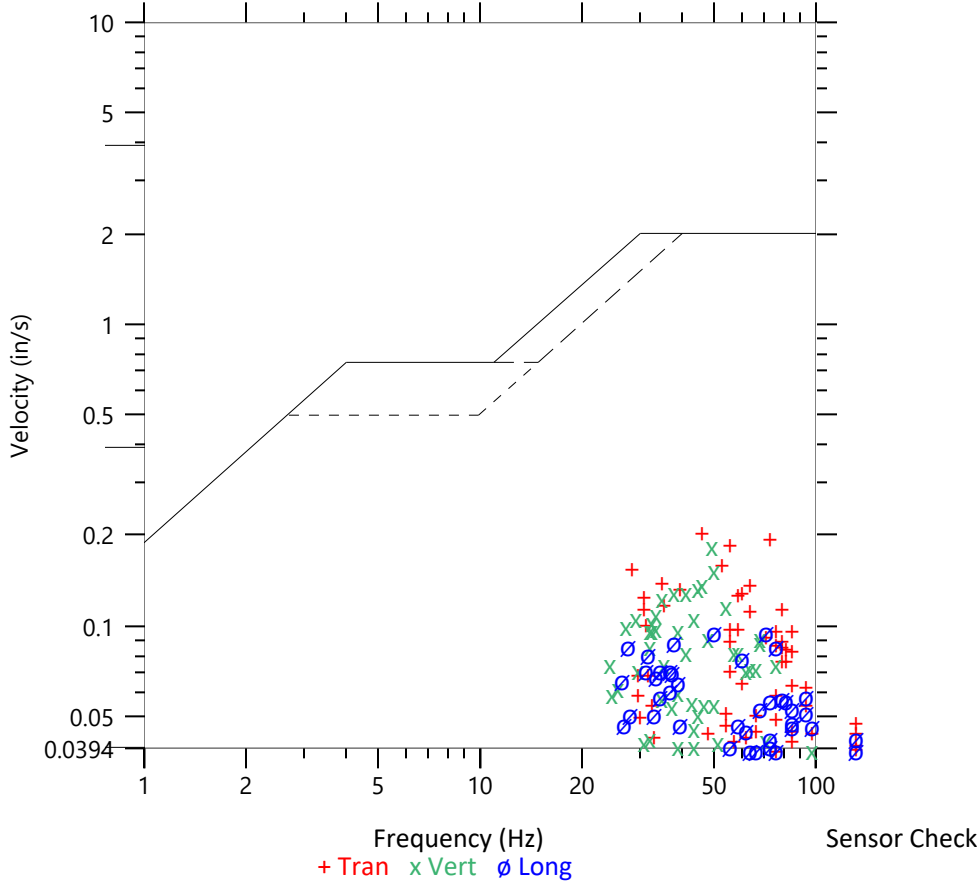
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2088 in/s	0.1856 in/s	0.0971 in/s
Zero Crossing Frequency	45.5 Hz	48.8 Hz	50.0 Hz
Time (Relative to Trigger)	0.233 sec	0.253 sec	0.271 sec
Peak Acceleration	0.224 g	0.181 g	0.132 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	3.5	3.6	3.7
Peak Vector Sum	0.2300 in/s at 0.157 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.003499 psi
Peak Sound Pressure Level 121.6 dB(L)
Time (Relative to Trigger) 4.266 sec
Zero Crossing Frequency 24.7 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1342 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



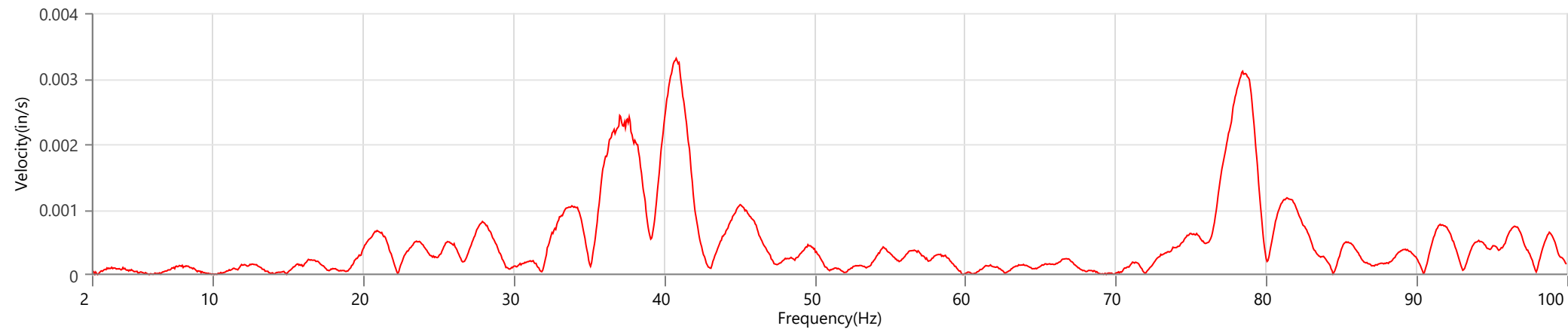
Waveform Trigger Source Long at June 17, 2025 11:17:56
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

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_20250617111756.IDFW
USB Sensor Support Disabled

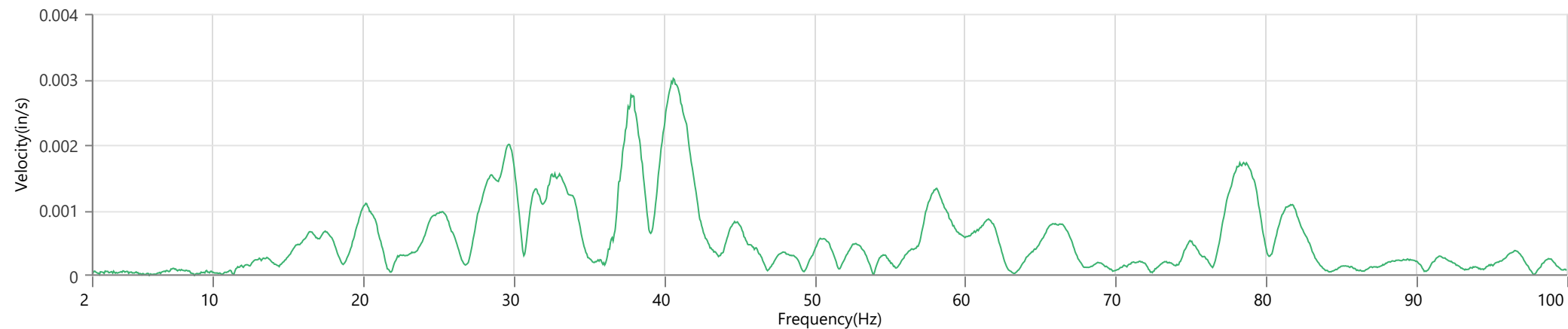
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

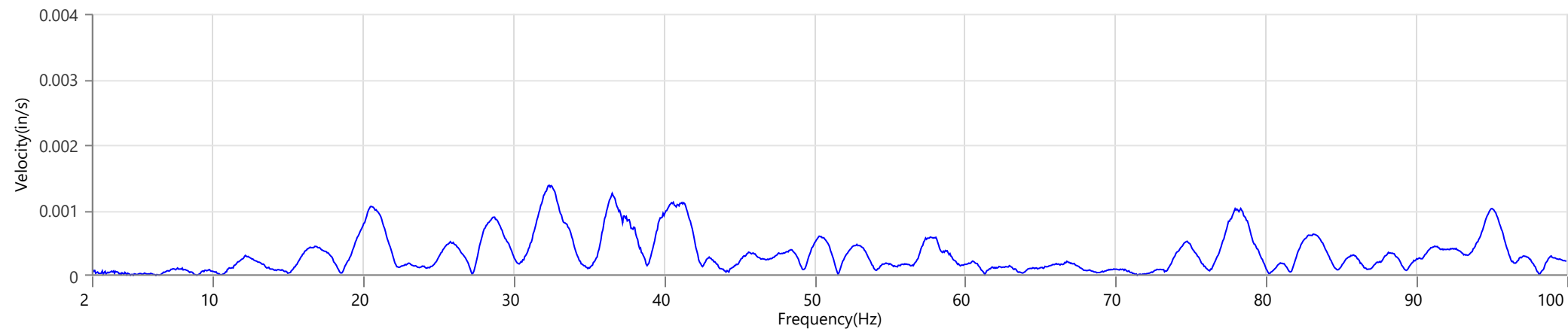
Tran - Dominant Frequency 40.8 Hz, Amplitude 0.0033 in/s (Peak Particle Velocity: 0.2088 in/s)



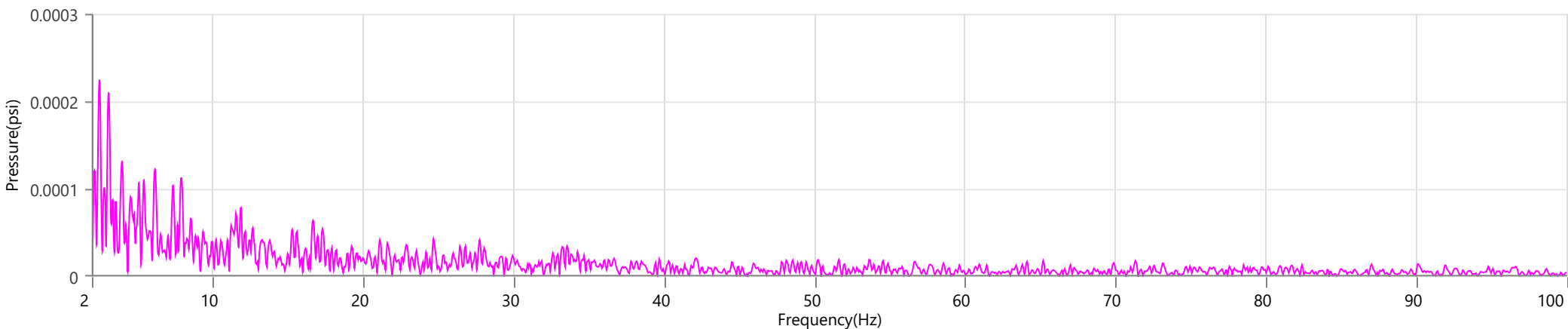
Vert - Dominant Frequency 40.6 Hz, Amplitude 0.0030 in/s (Peak Particle Velocity: 0.1856 in/s)



Long - Dominant Frequency 32.4 Hz, Amplitude 0.0014 in/s (Peak Particle Velocity: 0.0971 in/s)



Mic - Dominant Frequency 2.5 Hz, Amplitude 0.00022 psi (Peak Sound Pressure Level: 0.003499 psi)





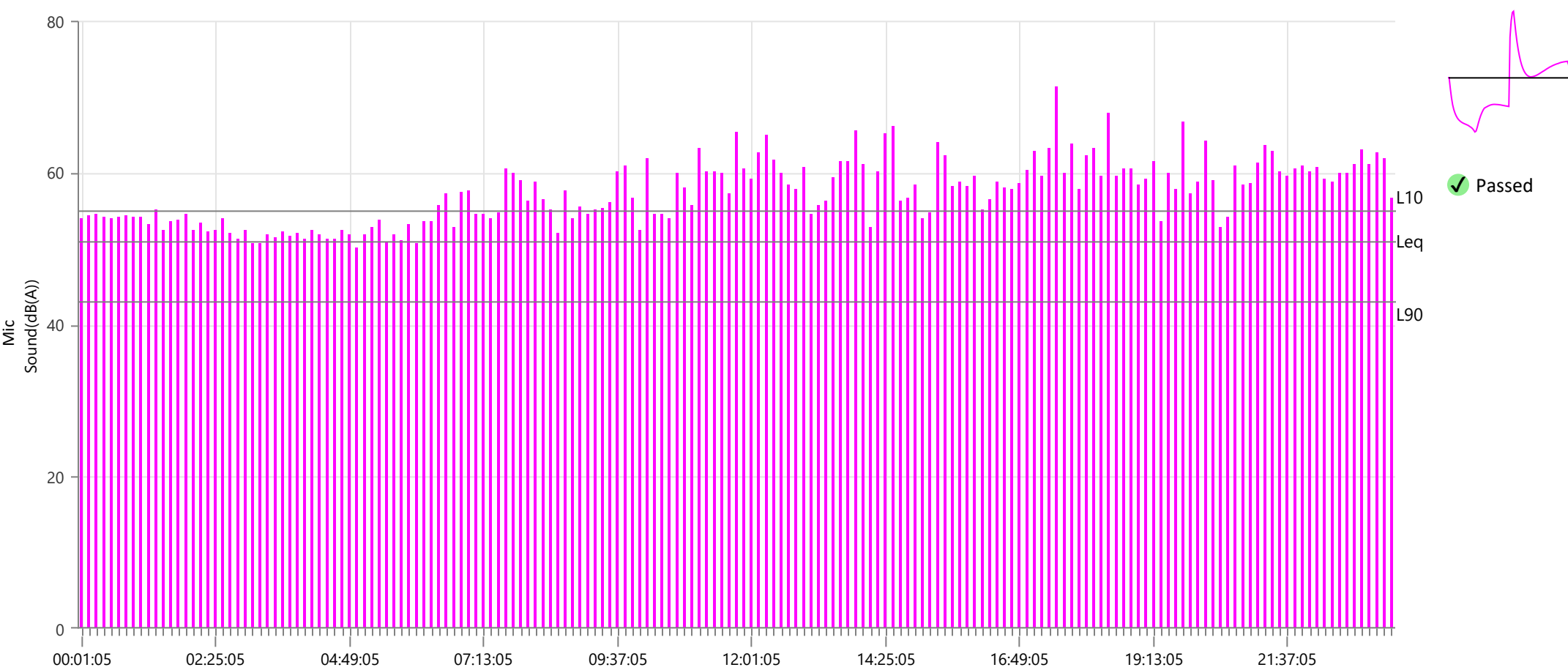
Start June 17, 2025 00:00:05
Finish June 17, 2025 23:29:59
Number of Intervals/Interval 1409.91/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 2.mmb
Operator Operator

Serial Number UM19907
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 23, 2024 by Instantel
Microphone Calibration UA10154, March 2, 2023 by Instantel
Event File Name UM19907_20250617000005.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 71.3 dB(A)
Date Jun 17, 2025
Time 17:35:05
Sound(dB(A)) LMin 33.7 L10 55 L90 43 Leq 50.9
Sensor Check Passed
Test Amplitude 1015 mv





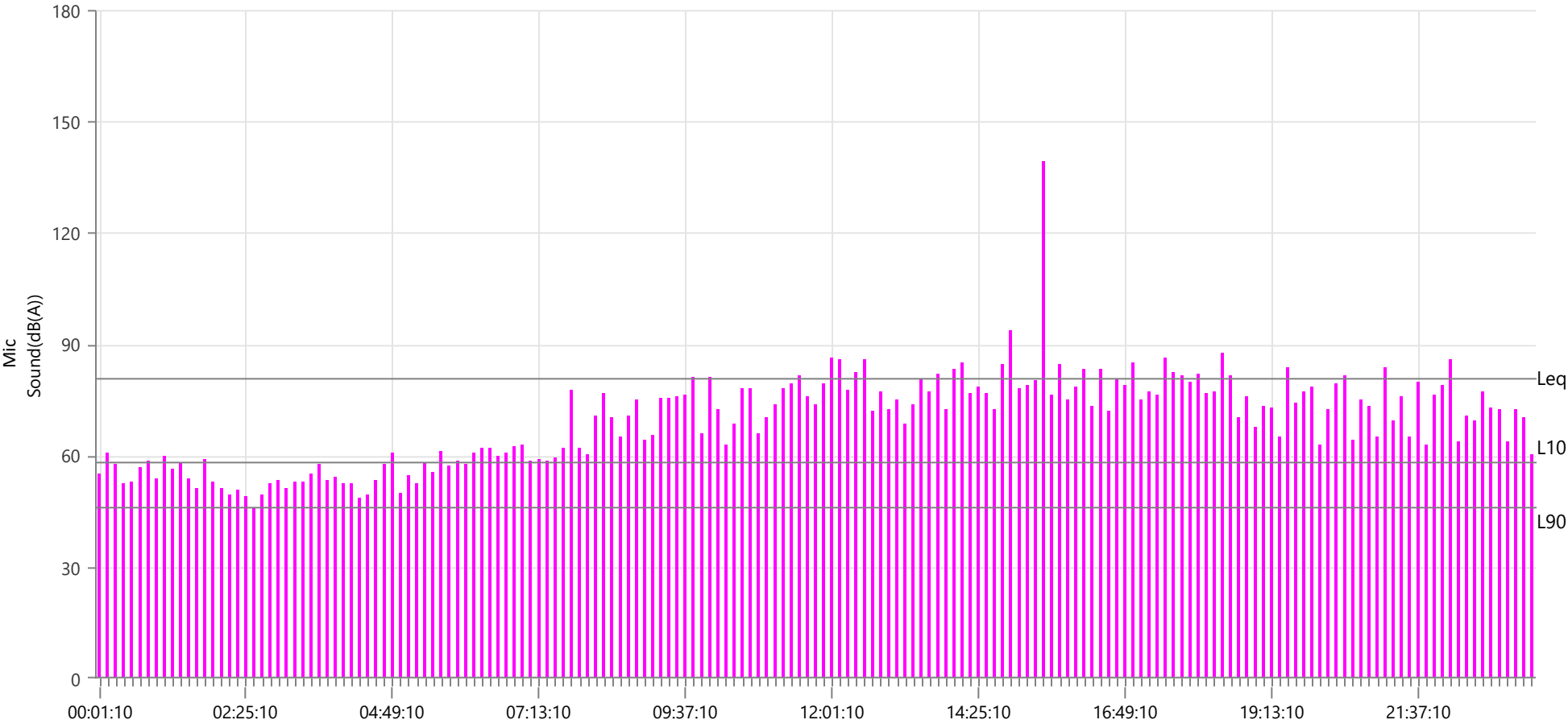
Start June 17, 2025 00:00:10
Finish June 17, 2025 23:29:59
Number of Intervals/Interval 1409.82/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

Serial Number UM8328
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 22, 2025 by Instantel
Microphone Calibration UA10382, March 7, 2025 by Instantel
Event File Name UM8328_20250617000010.IDFH
USB Sensor Support Disabled

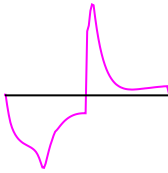
Notes
Location Noise 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Sound Level Microphone
LMax 139.3 dB(A)
Date Jun 17, 2025
Time 15:36:10
LMin 30.4 L10 58 L90 46 Leq 80.7
Sensor Check Passed
Test Amplitude 1279 mv



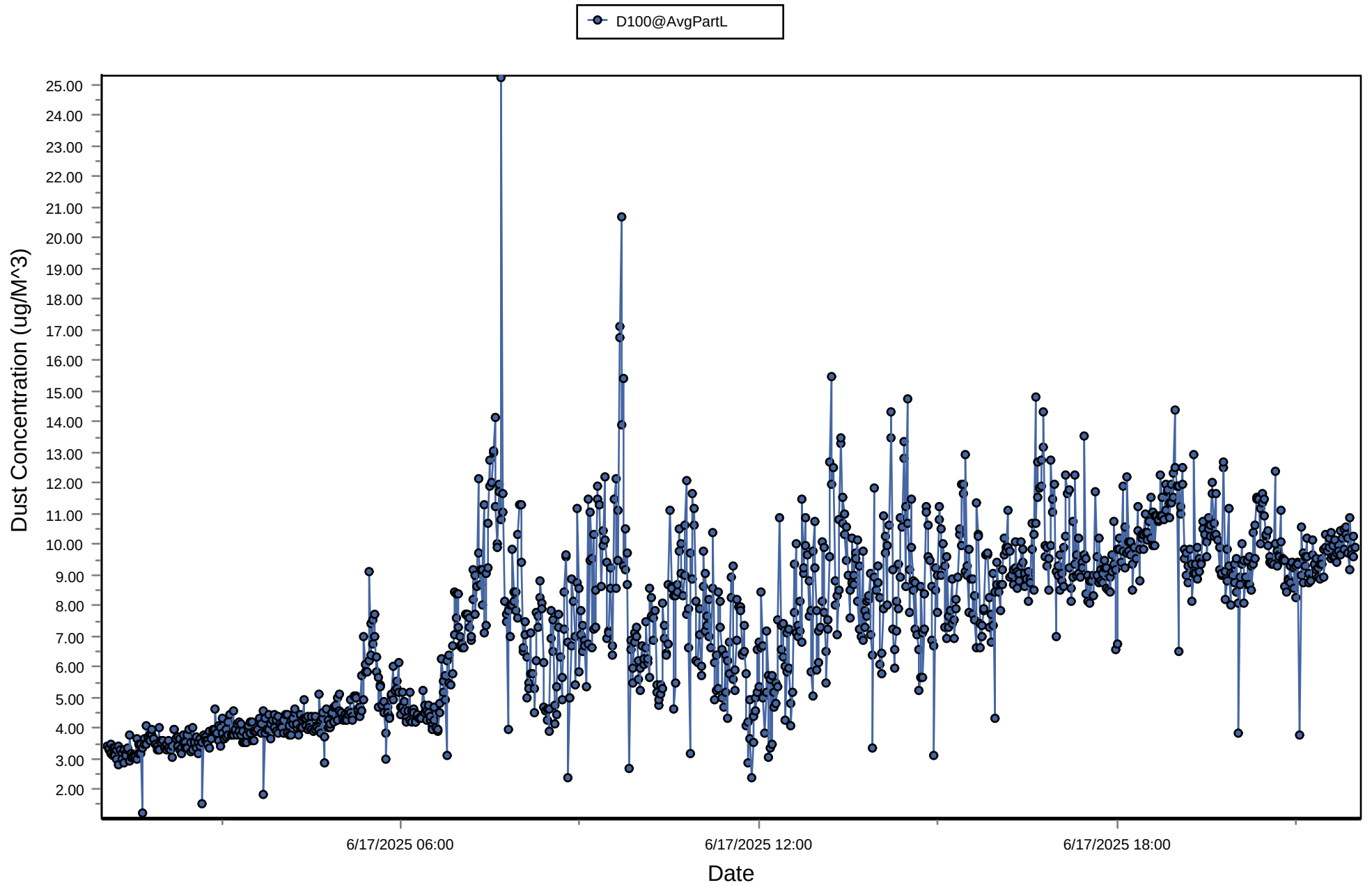
Sensor Check



Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

