

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

Long at June 27, 2025 09:59:15
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 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_20250627095915.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

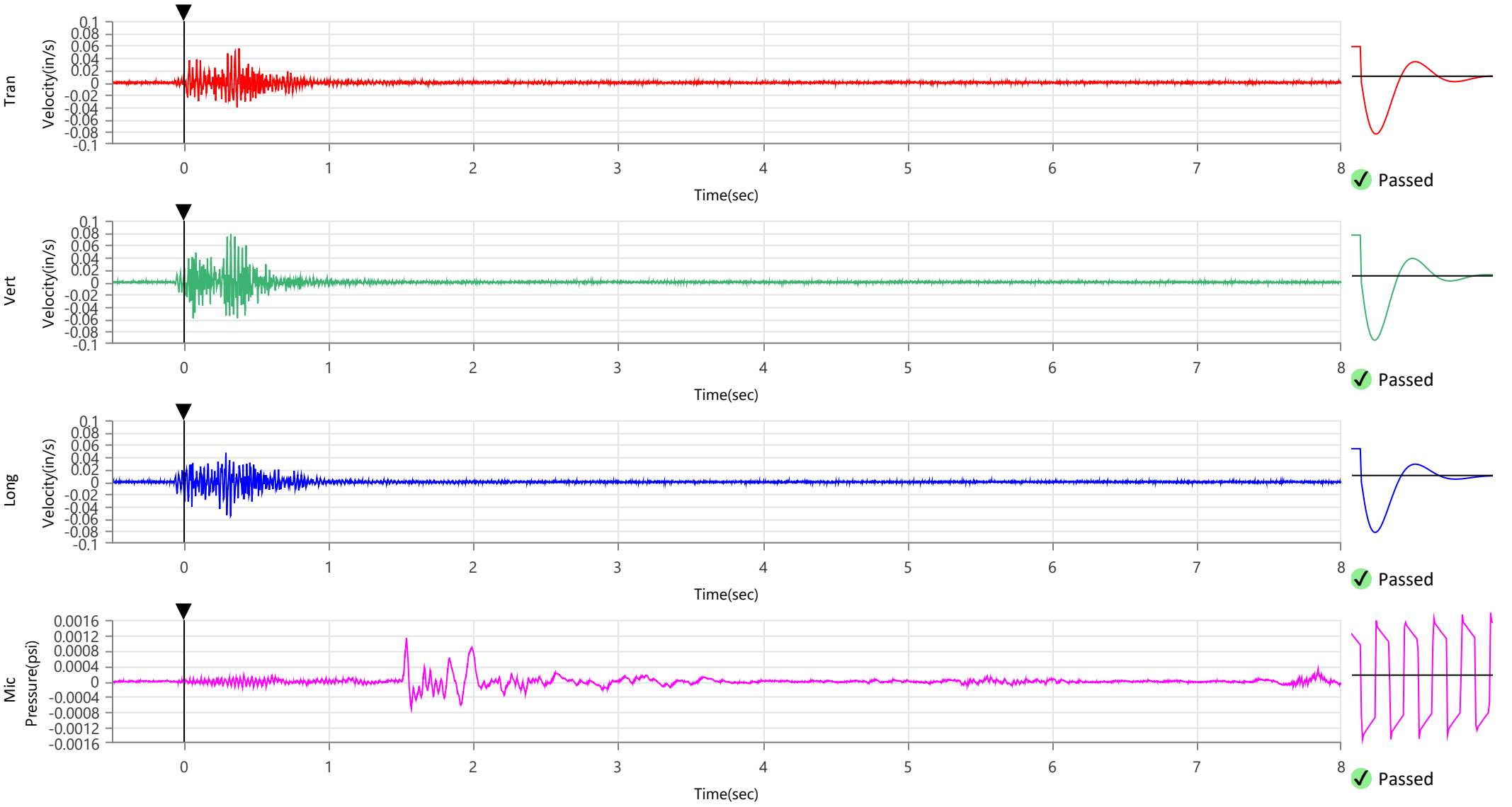
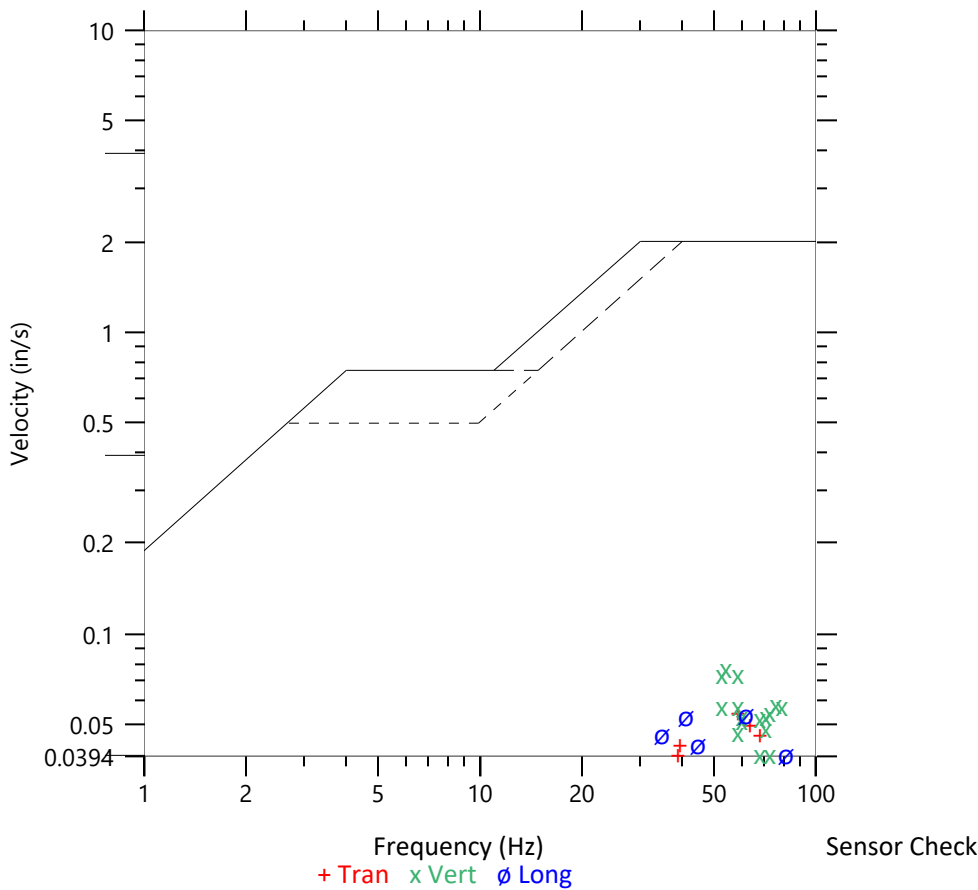
Tran	Vert	Long
0.0555 in/s	0.0782 in/s	0.0552 in/s
58.5 Hz	53.9 Hz	62.1 Hz
0.380 sec	0.324 sec	0.321 sec
0.059 g	0.082 g	0.082 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.7 Hz	7.1 Hz
3.9	3.6	5.0

Peak Vector Sum 0.0859 in/s at 0.297 sec

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

0.001130 psi
111.8 dB(L)
1.537 sec
10.5 Hz
✓ Passed
20.5 Hz
1251 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



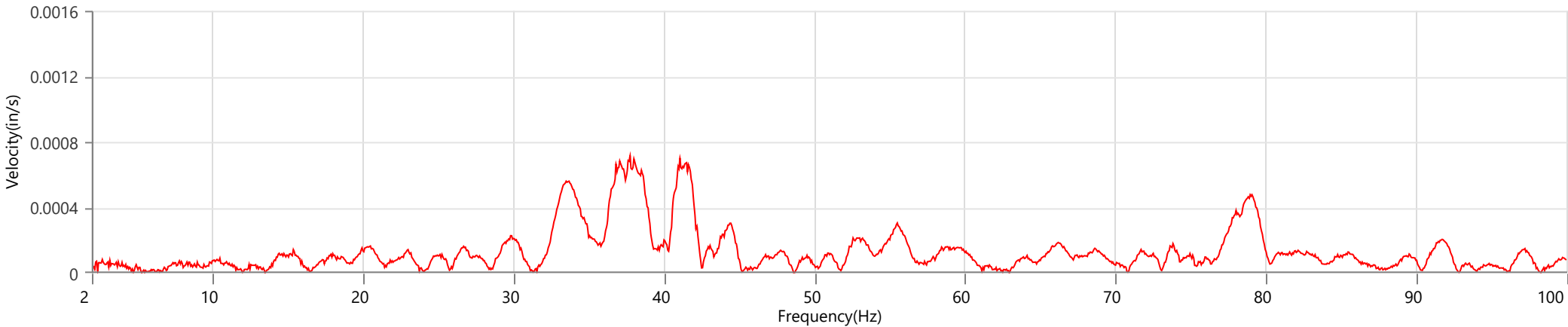
Waveform Trigger Source Long at June 27, 2025 09:59:15
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

Serial Number UM6427
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration March 19, 2025 by Instantel
Event File Name UM6427_20250627095915.IDFW
USB Sensor Support Disabled

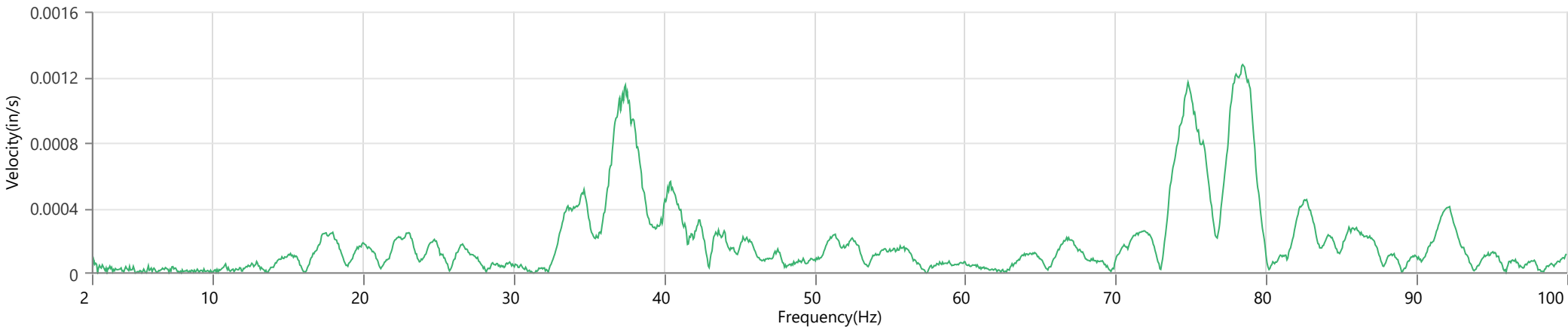
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

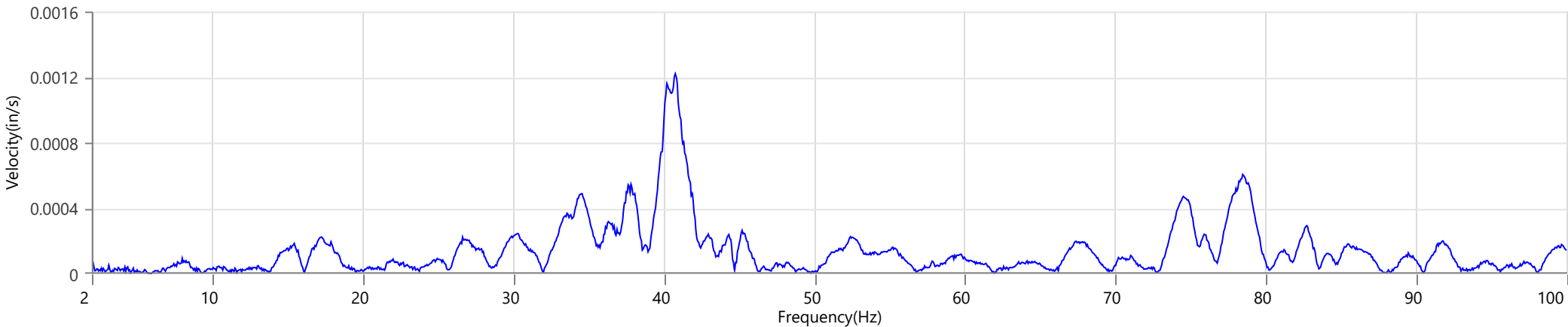
Tran - Dominant Frequency 37.8 Hz, Amplitude 0.0007 in/s (Peak Particle Velocity: 0.0555 in/s)



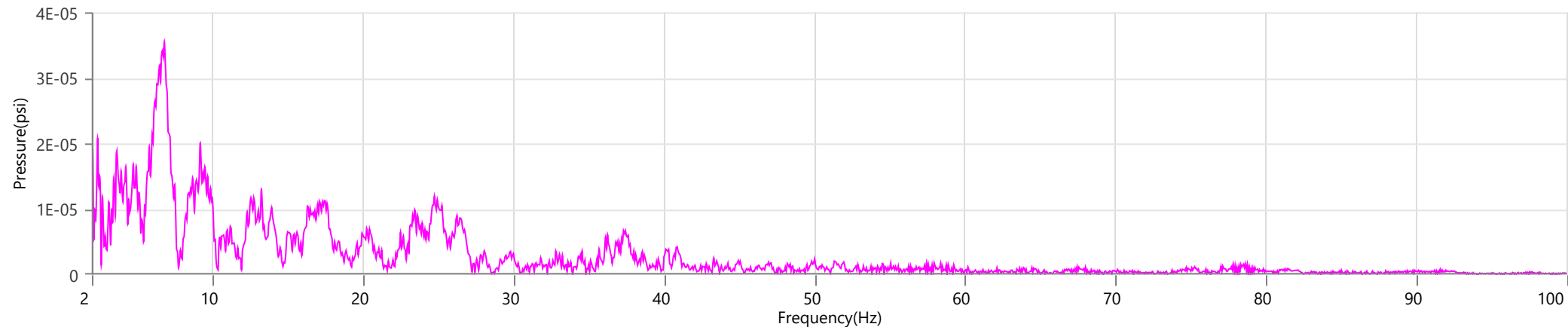
Vert - Dominant Frequency 78.4 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.0782 in/s)



Long - Dominant Frequency 40.8 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0552 in/s)



Mic - Dominant Frequency 6.8 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.001130 psi)



Waveform Trigger Source Long at June 27, 2025 09:59:15
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 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_20250627095915.IDFW
USB Sensor Support Disabled

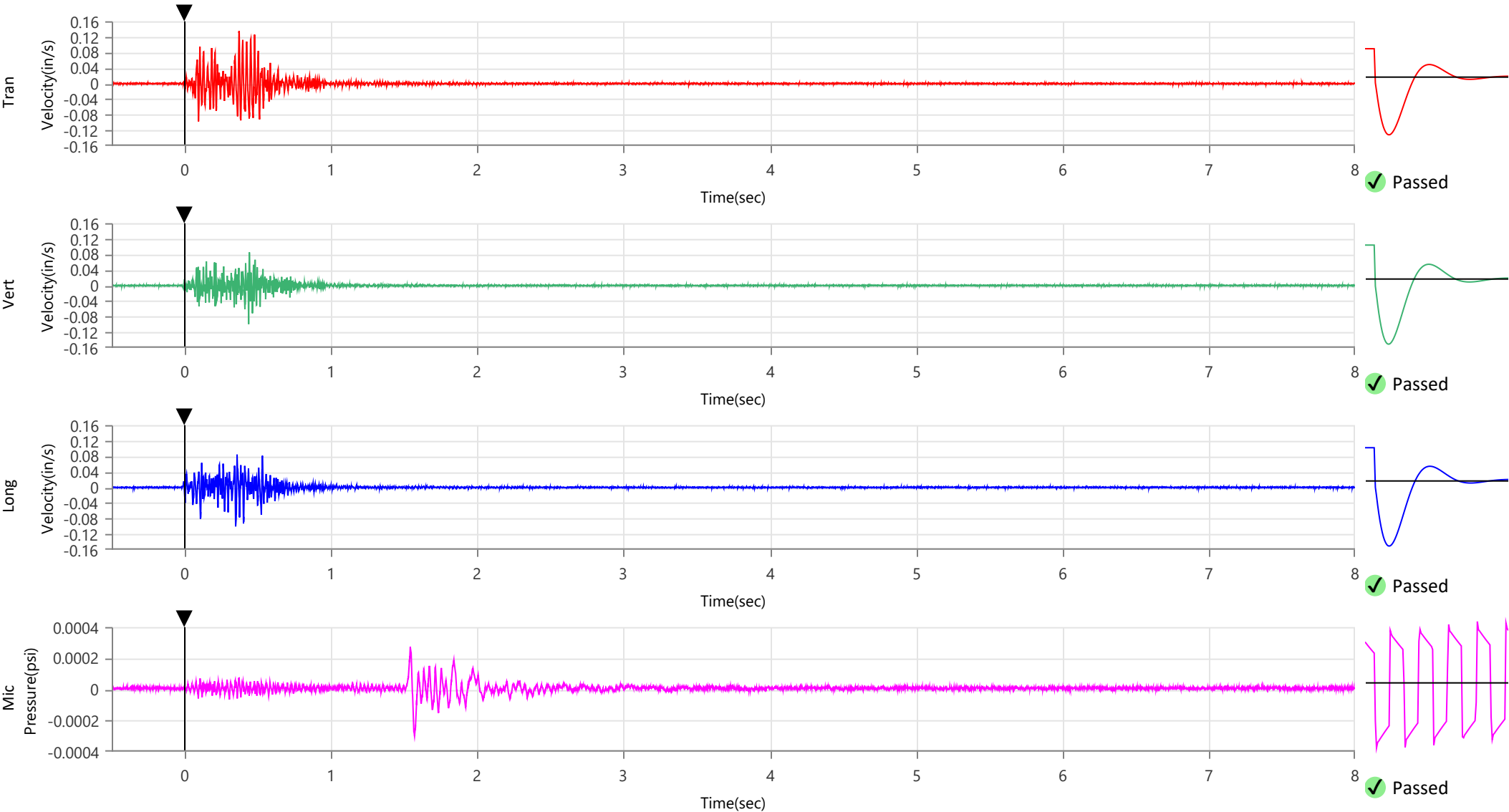
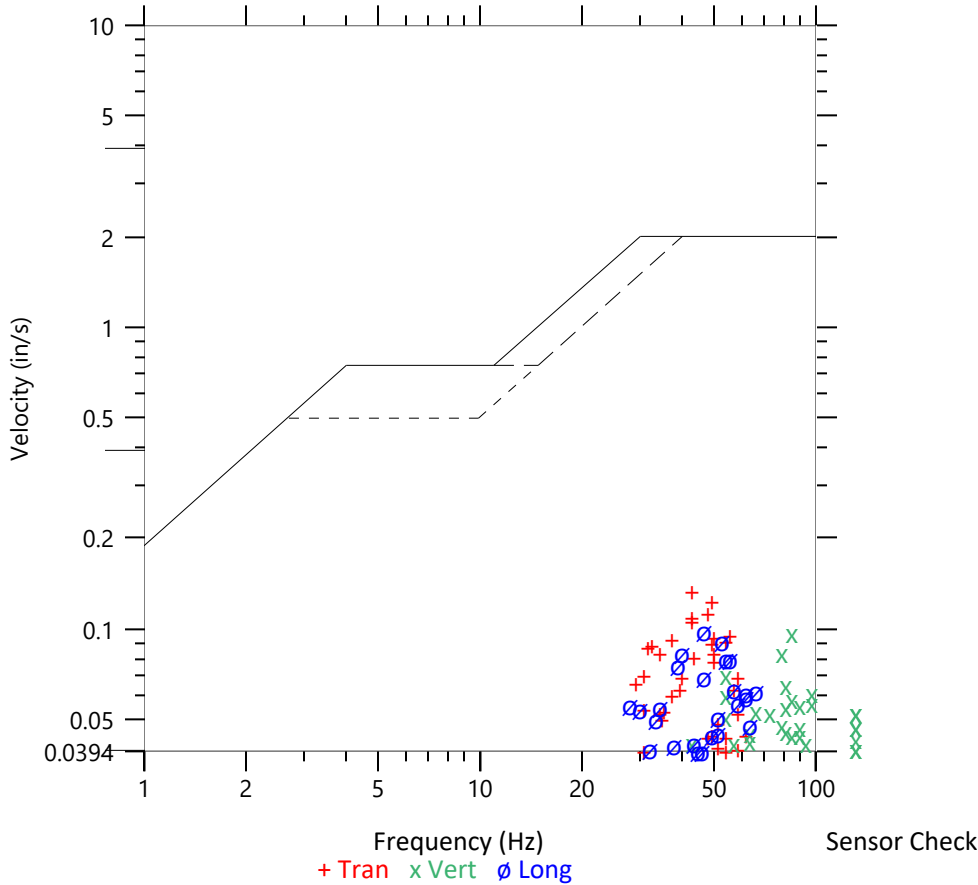
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1350 in/s	0.0990 in/s	0.1002 in/s
Zero Crossing Frequency	42.7 Hz	85.3 Hz	46.5 Hz
Time (Relative to Trigger)	0.371 sec	0.437 sec	0.348 sec
Peak Acceleration	0.095 g	0.142 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	4.5	4.4	4.4
Peak Vector Sum	0.1378 in/s at 0.371 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000299 psi
Peak Sound Pressure Level 100.3 dB(L)
Time (Relative to Trigger) 1.571 sec
Zero Crossing Frequency 15.3 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1259 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



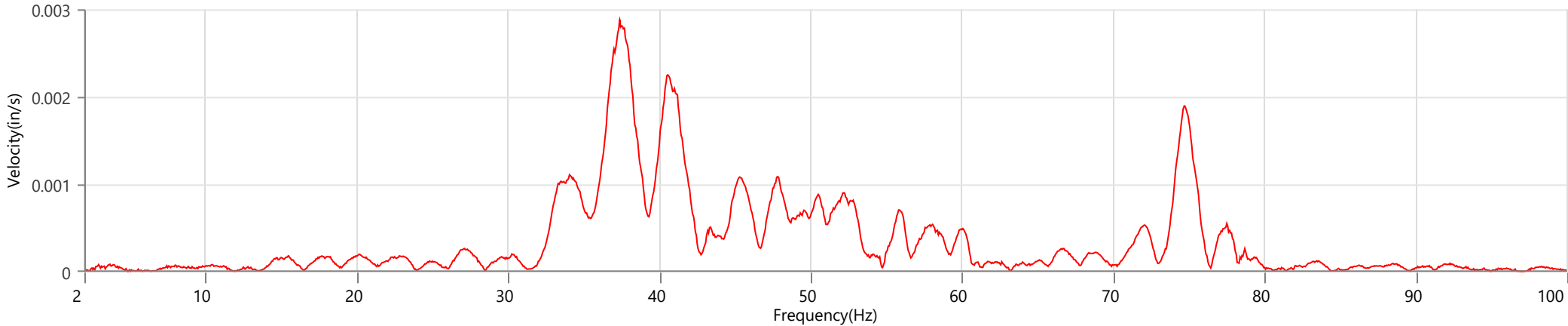
Waveform Trigger Source Long at June 27, 2025 09:59:15
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20250627095915.IDFW
USB Sensor Support Disabled

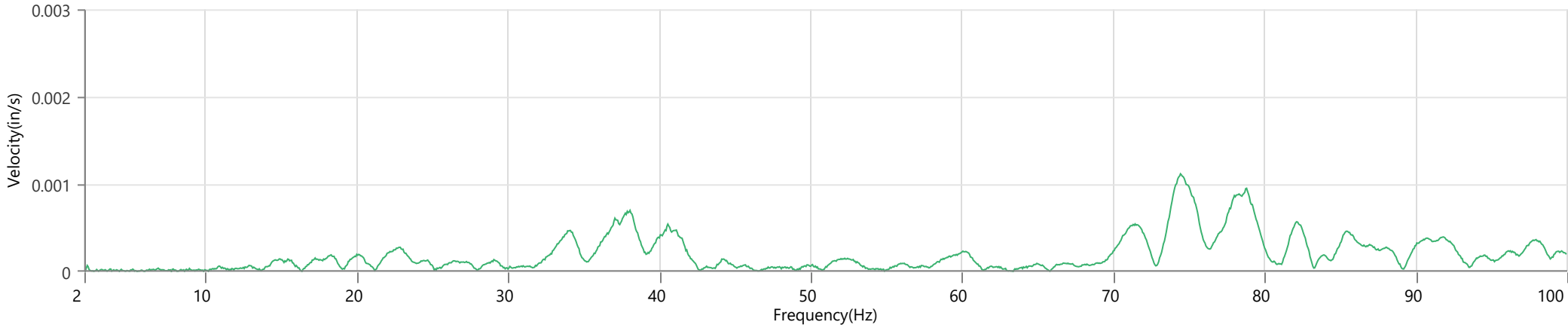
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

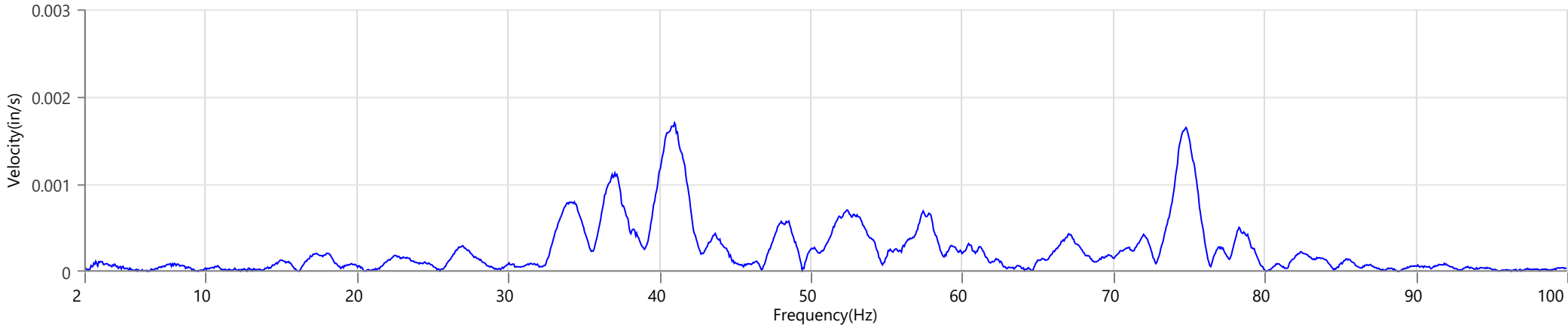
Tran - Dominant Frequency 37.4 Hz, Amplitude 0.0029 in/s (Peak Particle Velocity: 0.1350 in/s)



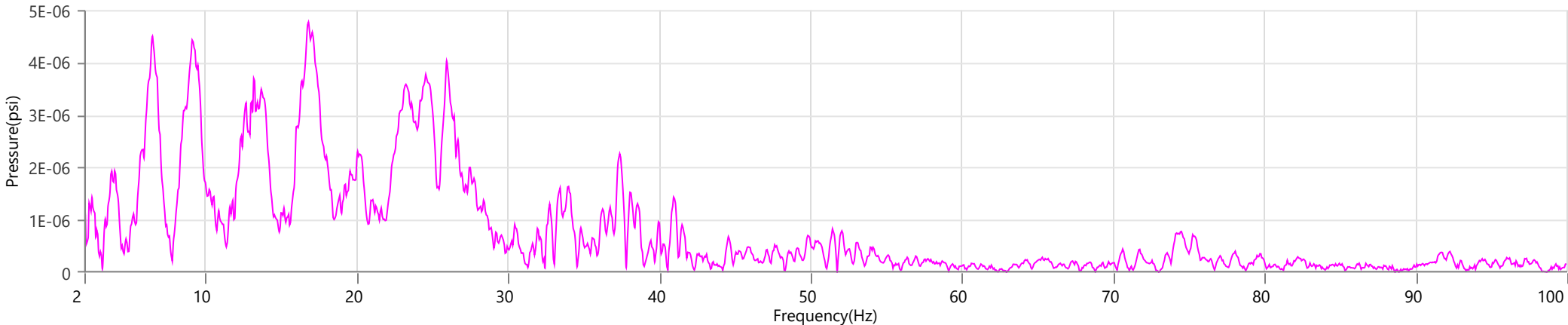
Vert - Dominant Frequency 74.4 Hz, Amplitude 0.0011 in/s (Peak Particle Velocity: 0.0990 in/s)



Long - Dominant Frequency 41.0 Hz, Amplitude 0.0017 in/s (Peak Particle Velocity: 0.1002 in/s)



Mic - Dominant Frequency 16.8 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000299 psi)



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

Long at June 27, 2025 09:59:15
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 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_20250627095915.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

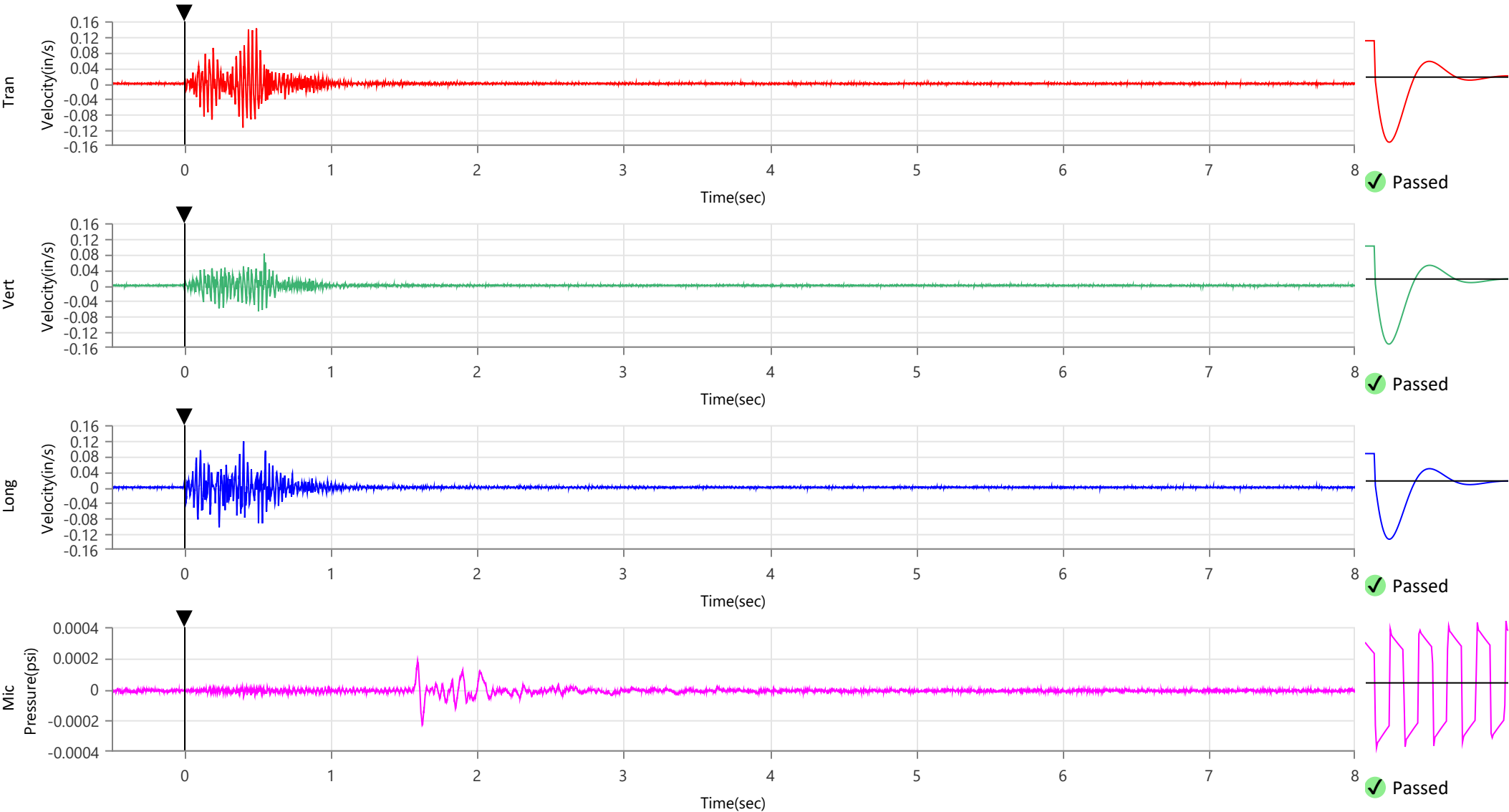
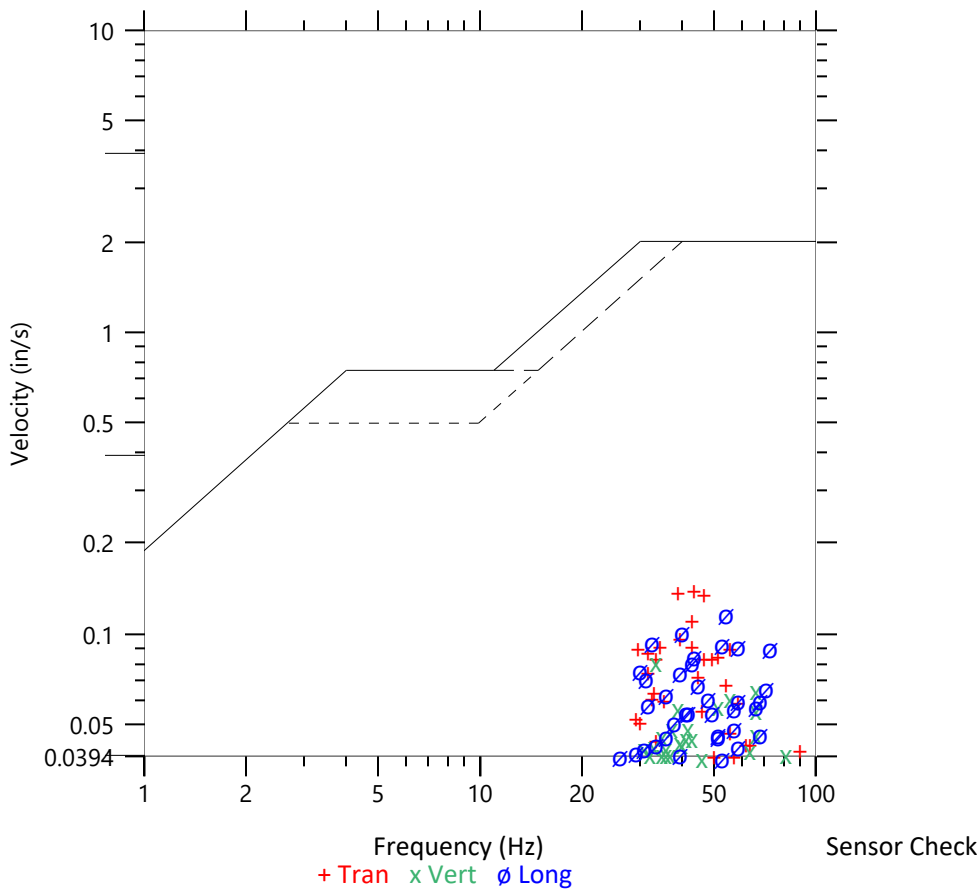
Tran	Vert	Long
0.1418 in/s	0.0822 in/s	0.1185 in/s
43.6 Hz	33.0 Hz	53.9 Hz
0.490 sec	0.543 sec	0.402 sec
0.128 g	0.089 g	0.109 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	7.3 Hz
4.1	4.7	4.7

Peak Vector Sum 0.1489 in/s at 0.435 sec

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

0.000230 psi
98.0 dB(L)
1.623 sec
12.0 Hz
✓ Passed
20.5 Hz
1285 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



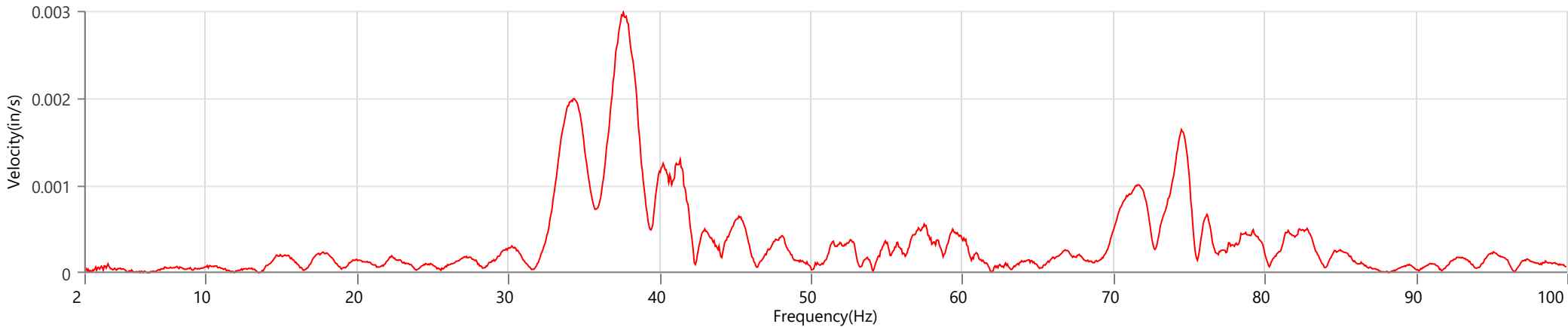
Waveform Trigger Source Long at June 27, 2025 09:59:15
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

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_20250627095915.IDFW
USB Sensor Support Disabled

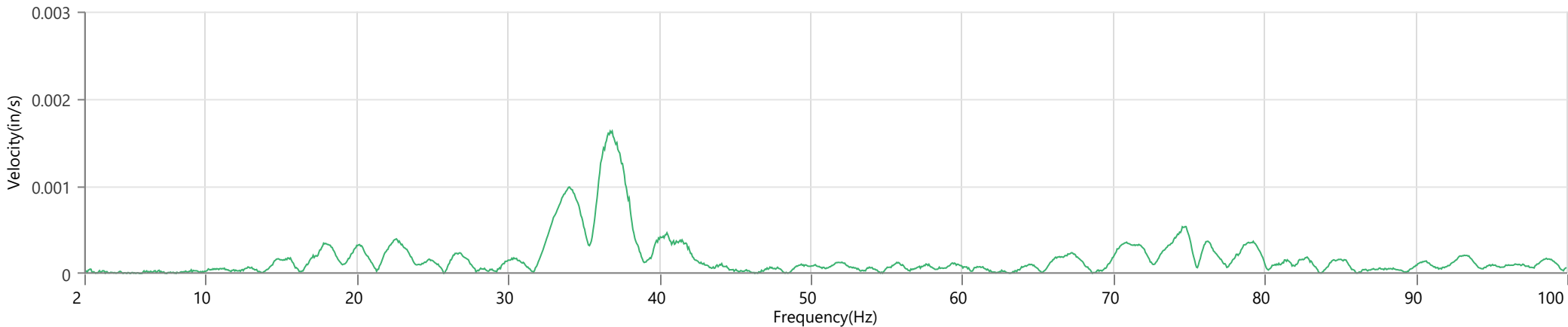
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

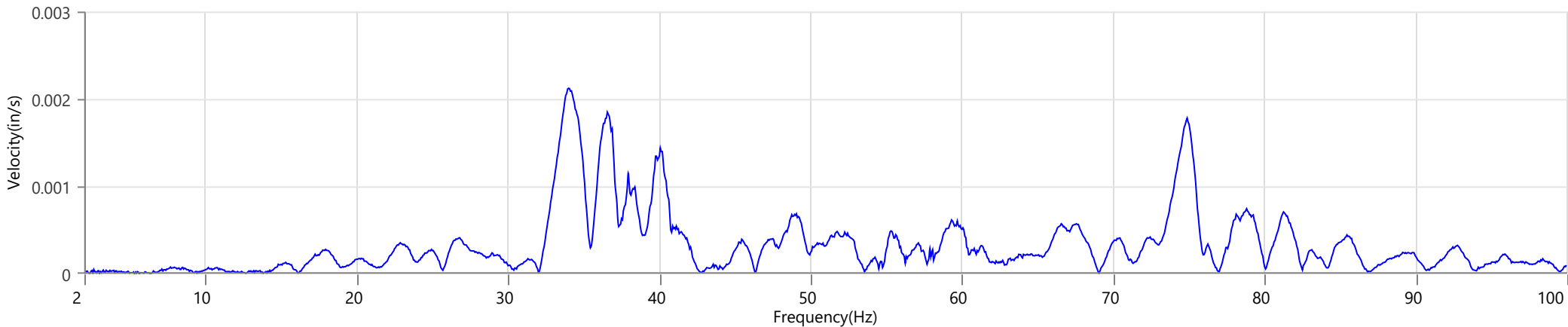
Tran - Dominant Frequency 37.6 Hz, Amplitude 0.0030 in/s (Peak Particle Velocity: 0.1418 in/s)



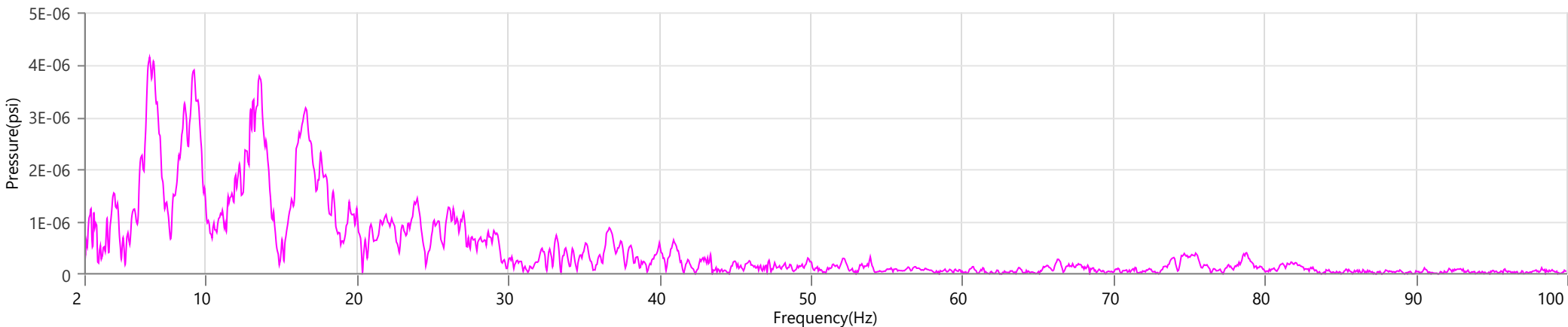
Vert - Dominant Frequency 36.9 Hz, Amplitude 0.0016 in/s (Peak Particle Velocity: 0.0822 in/s)



Long - Dominant Frequency 34.0 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1185 in/s)



Mic - Dominant Frequency 6.3 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000230 psi)



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

Long at June 27, 2025 09:59:14
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_20250627095914.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
0.1030 in/s
>100 Hz
0.483 sec
0.171 g
0.000 in
✓ Passed
7.3 Hz
3.4

Vert
0.0509 in/s
56.9 Hz
0.138 sec
0.072 g
0.000 in
✓ Passed
7.7 Hz
3.4

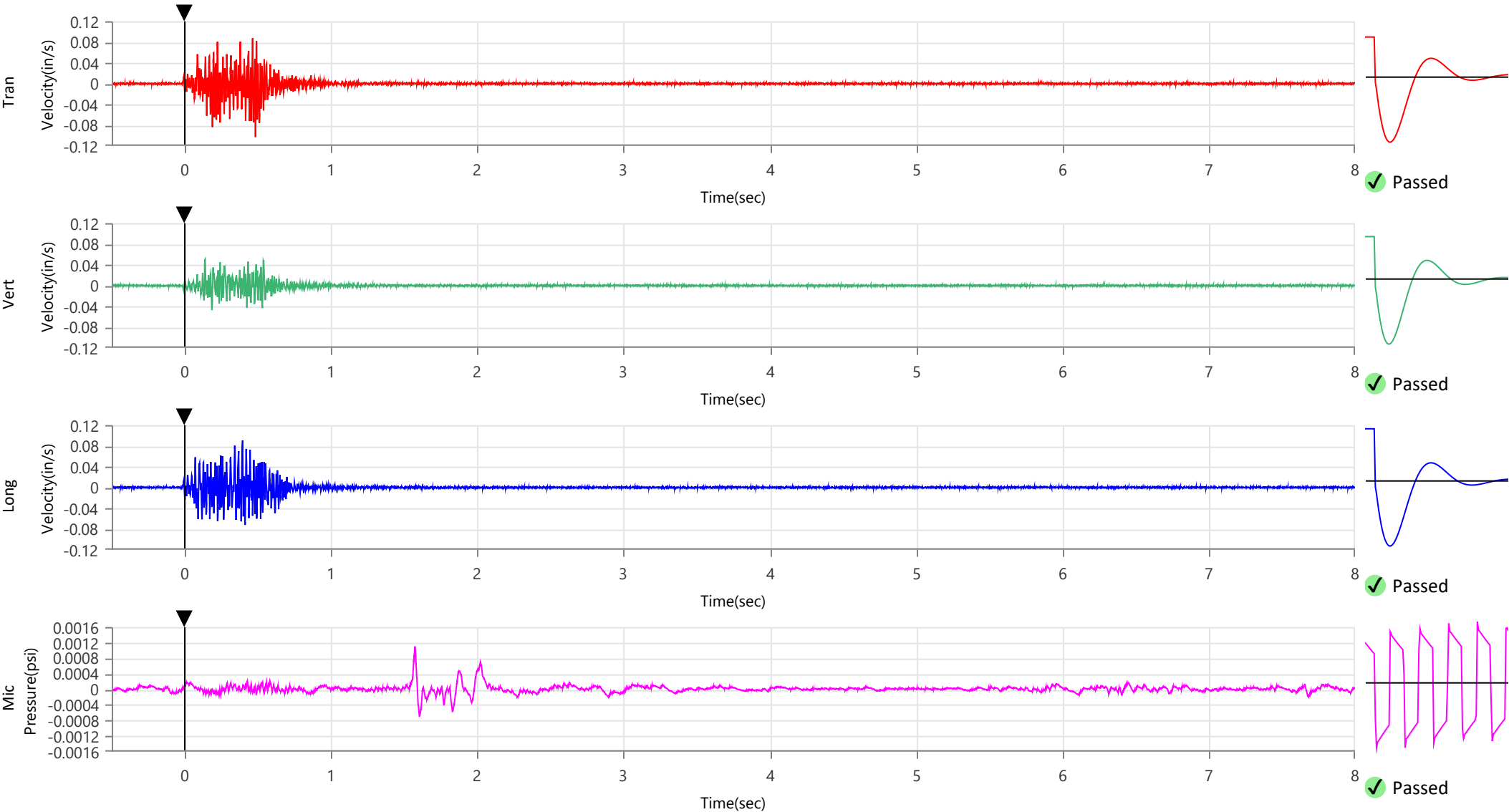
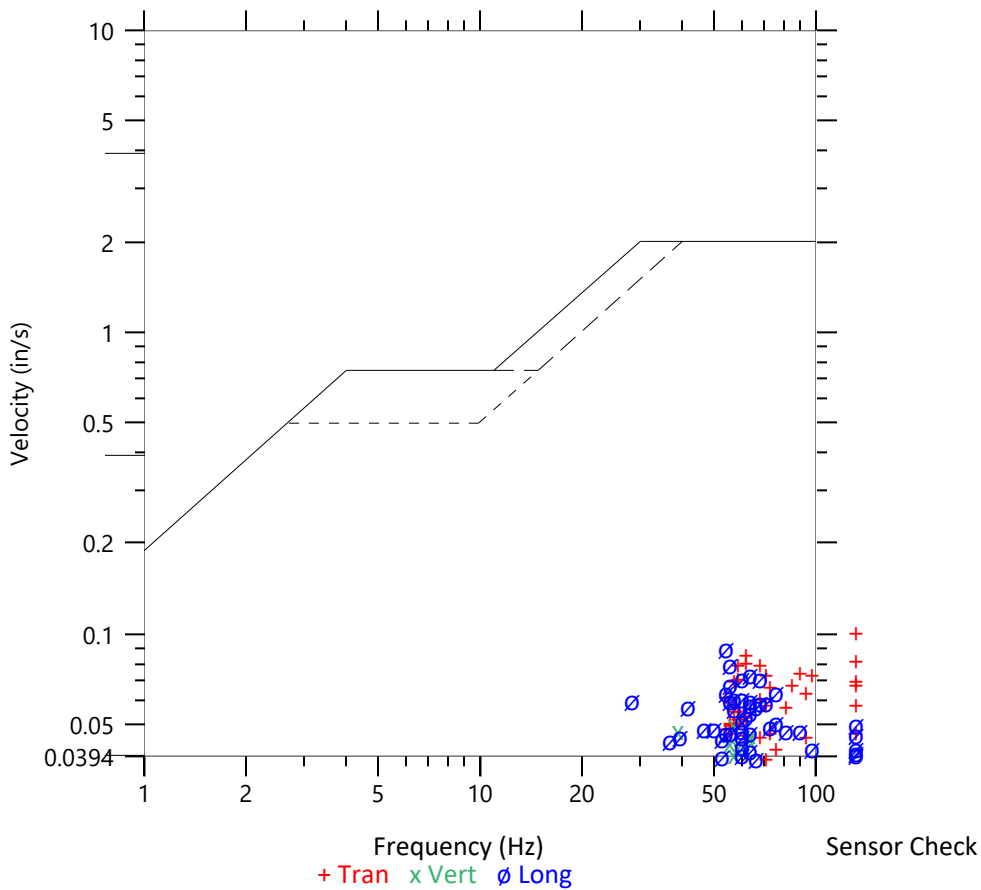
Long
0.0906 in/s
53.9 Hz
0.395 sec
0.138 g
0.000 in
✓ Passed
7.3 Hz
3.5

Peak Vector Sum
0.1061 in/s at 0.483 sec

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

0.001103 psi
111.6 dB(L)
1.573 sec
4.8 Hz
✓ Passed
19.7 Hz
1196 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



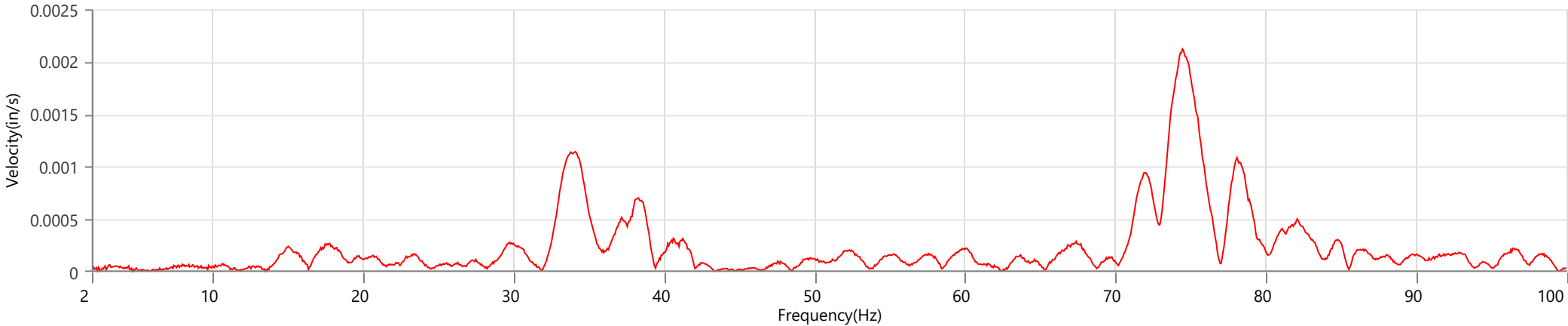
Waveform Trigger Source Long at June 27, 2025 09:59:14
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

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_20250627095914.IDFW
USB Sensor Support Disabled

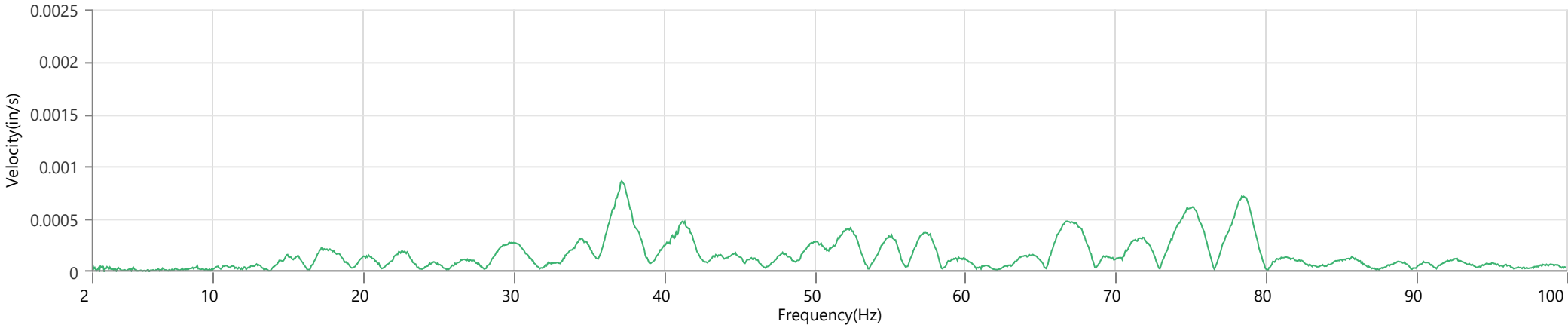
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

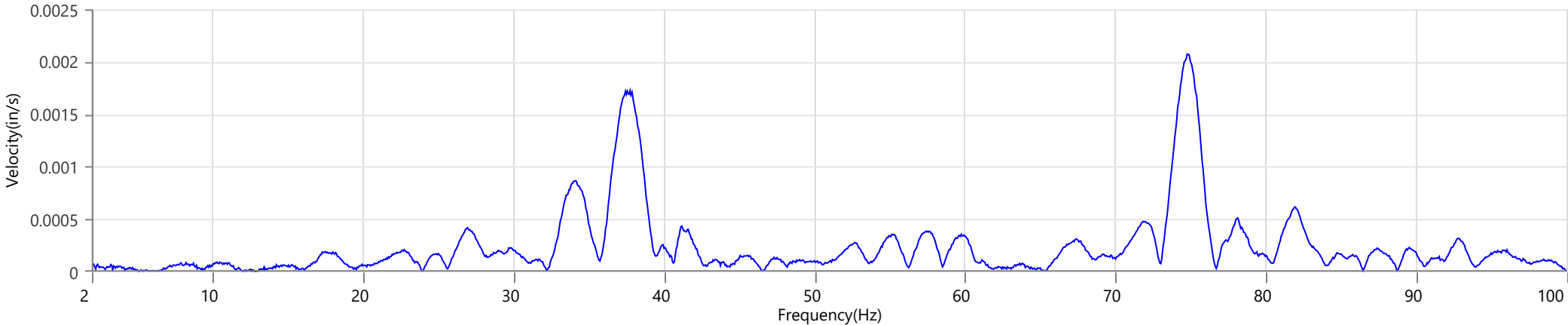
Tran - Dominant Frequency 74.4 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1030 in/s)



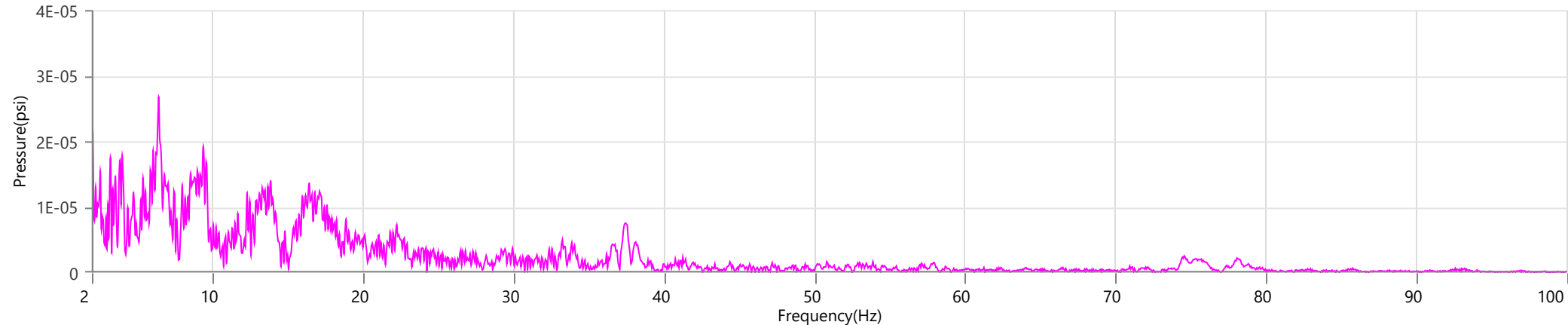
Vert - Dominant Frequency 37.2 Hz, Amplitude 0.0009 in/s (Peak Particle Velocity: 0.0509 in/s)



Long - Dominant Frequency 74.8 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.0906 in/s)



Mic - Dominant Frequency 6.4 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.001103 psi)



Waveform Trigger Source Long at June 27, 2025 09:59:14
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 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_20250627095914.IDFW
USB Sensor Support Disabled

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

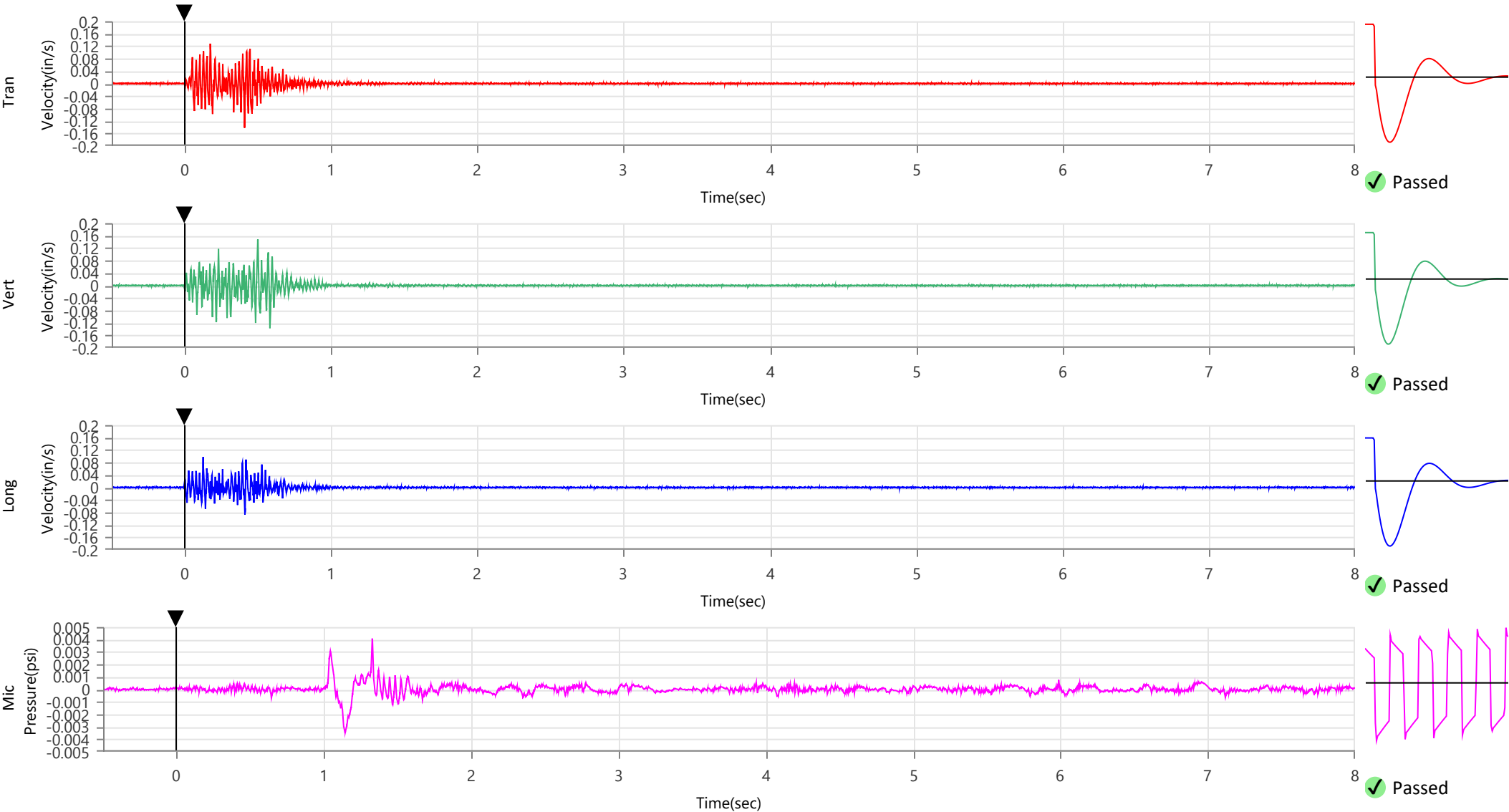
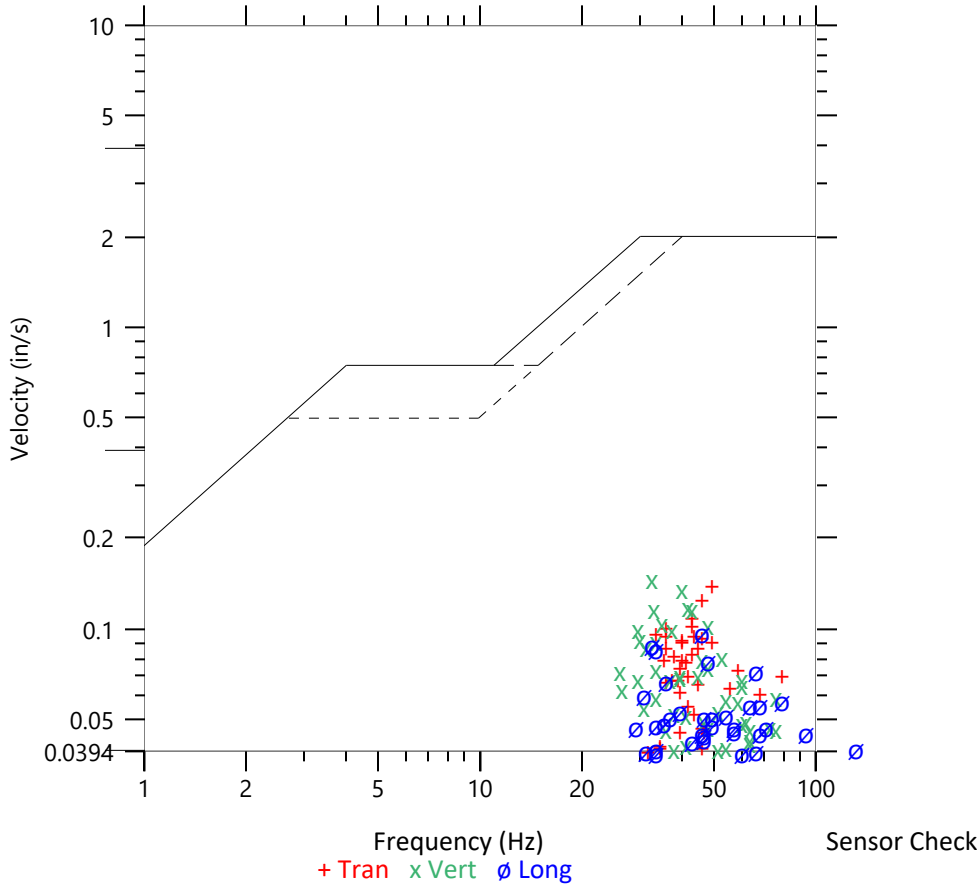
Extended Note N30.495113 W98.206539
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1421 in/s	0.1474 in/s	0.0977 in/s
Zero Crossing Frequency	48.8 Hz	32.5 Hz	45.5 Hz
Time (Relative to Trigger)	0.409 sec	0.500 sec	0.125 sec
Peak Acceleration	0.151 g	0.112 g	0.102 g
Peak Displacement	0.000 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	3.6

Peak Vector Sum 0.1620 in/s at 0.410 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.004078 psi
Peak Sound Pressure Level 123.0 dB(L)
Time (Relative to Trigger) 1.327 sec
Zero Crossing Frequency 3.4 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1365 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



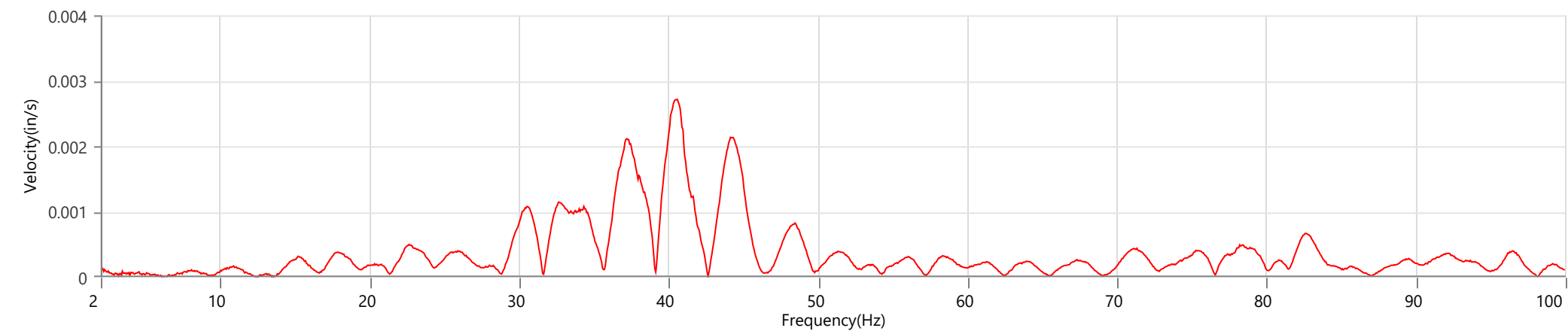
Waveform Trigger Source Long at June 27, 2025 09:59:14
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

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_20250627095914.IDFW
USB Sensor Support Disabled

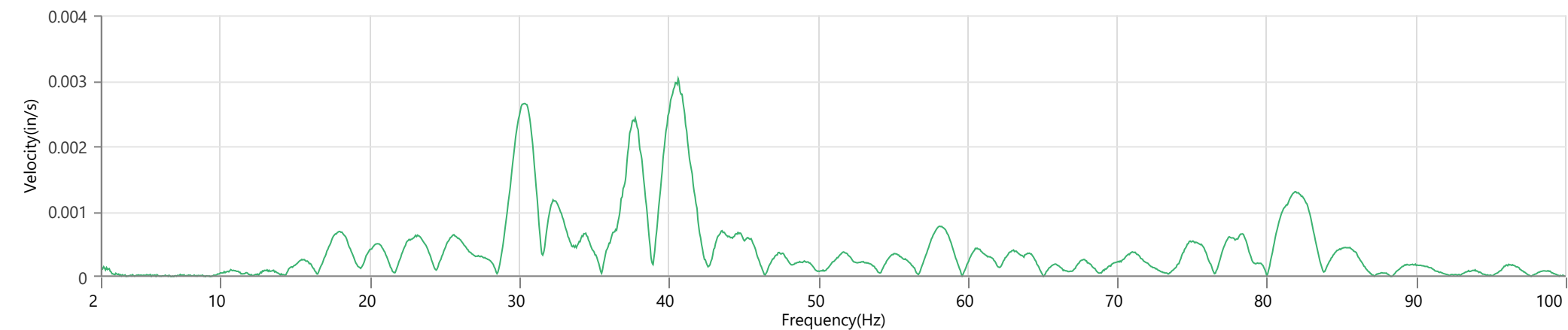
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

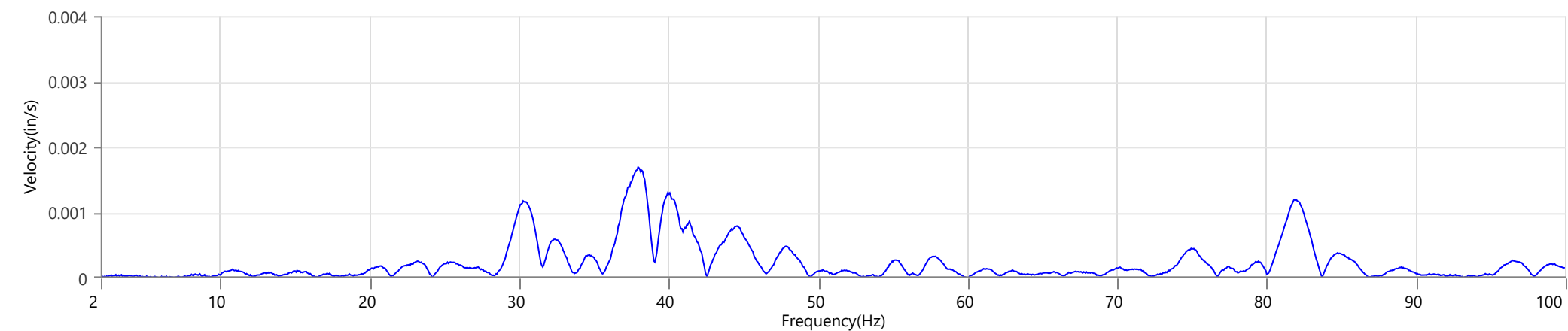
Tran - Dominant Frequency 40.6 Hz, Amplitude 0.0027 in/s (Peak Particle Velocity: 0.1421 in/s)



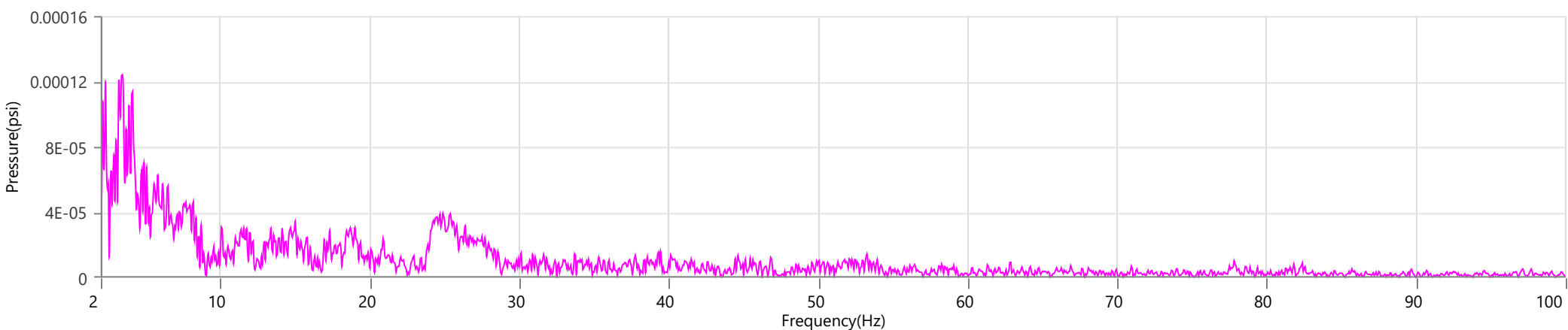
Vert - Dominant Frequency 40.6 Hz, Amplitude 0.0030 in/s (Peak Particle Velocity: 0.1474 in/s)



Long - Dominant Frequency 37.9 Hz, Amplitude 0.0017 in/s (Peak Particle Velocity: 0.0977 in/s)



Mic - Dominant Frequency 3.4 Hz, Amplitude 0.00012 psi (Peak Sound Pressure Level: 0.004078 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

June 27, 2025 00:00:05

June 27, 2025 23:29:59

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_20250627000005.IDFH

Disabled

Notes

Location

Client

Company

General Notes

Noise 2

Spicewood Crushed Stone

Hwy 71 Quarry

IGS, Inc.

Extended Note Station 5N30.49911 W98.21538

Post Event Notes No text to be displayed.

Sound Level Microphone

LMax

Date

Time

Sound(dB(A))

Sensor Check

Test Amplitude

A-Weight Slow

73.4 dB(A)

Jun 27, 2025

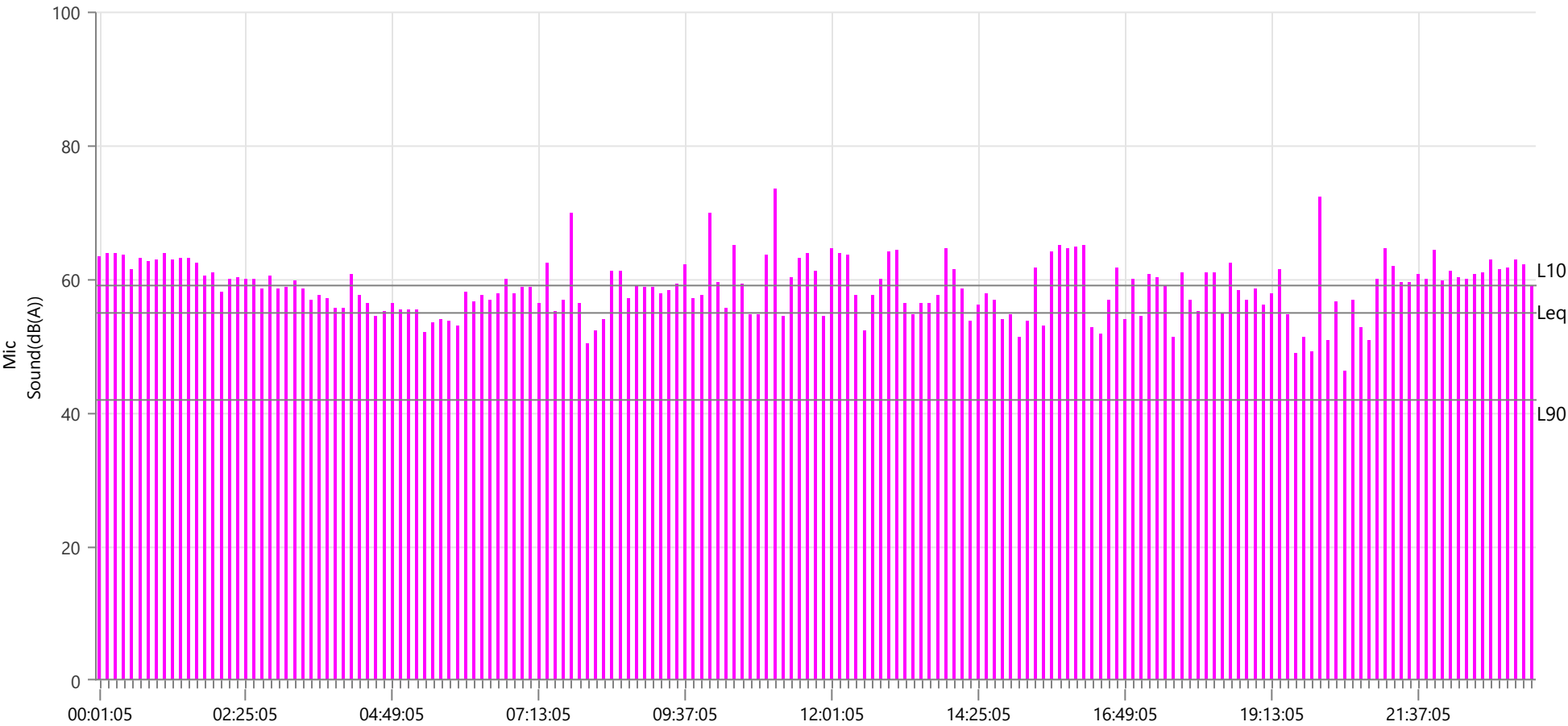
11:08:05

LMin L10 L90 Leq

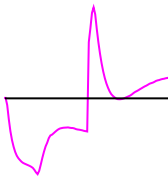
35.6 59 42 54.9

✓ Passed

1088 mv



Sensor Check



✓ Passed



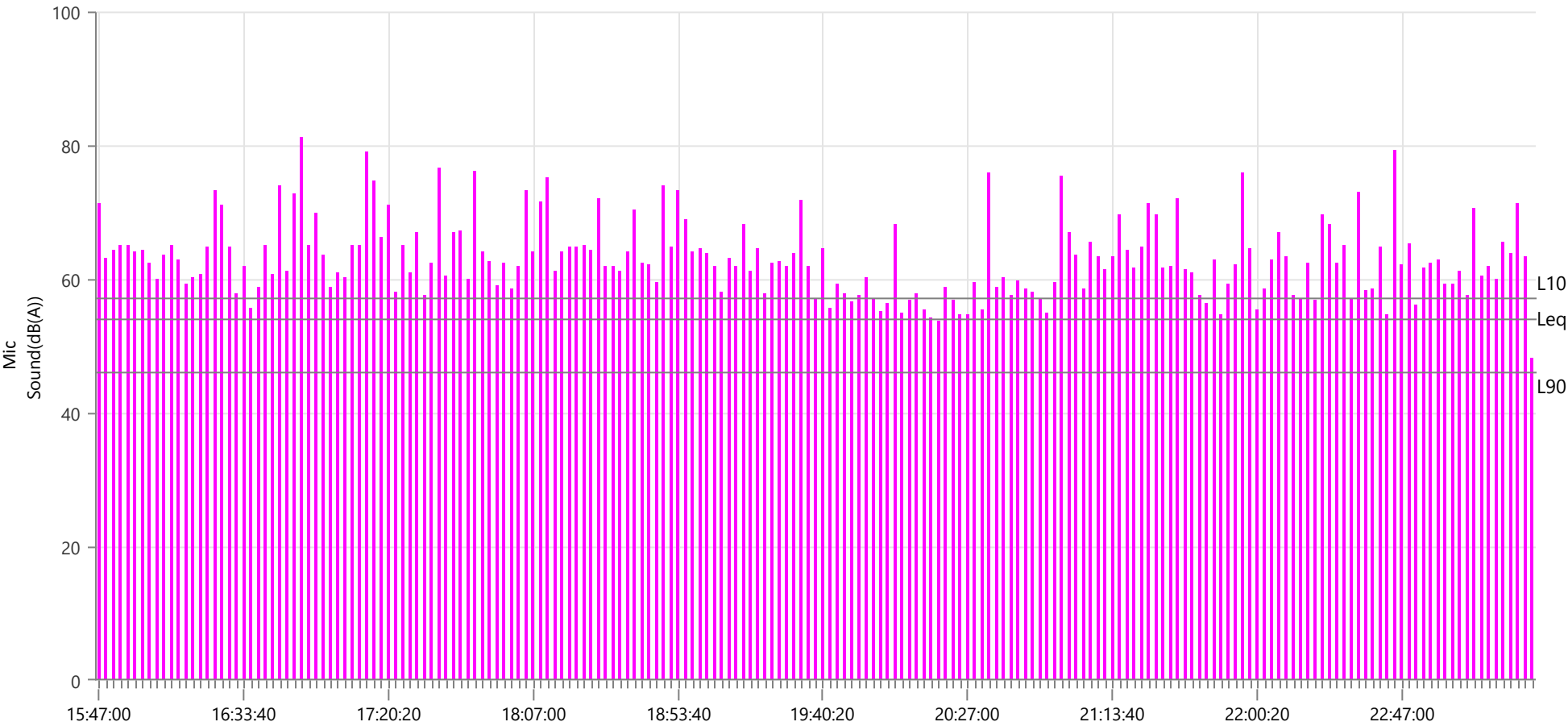
Start June 27, 2025 15:46:58
Finish June 27, 2025 23:29:59
Number of Intervals/Interval 13890.81/2 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

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_20250627154658.IDFH
Disabled

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

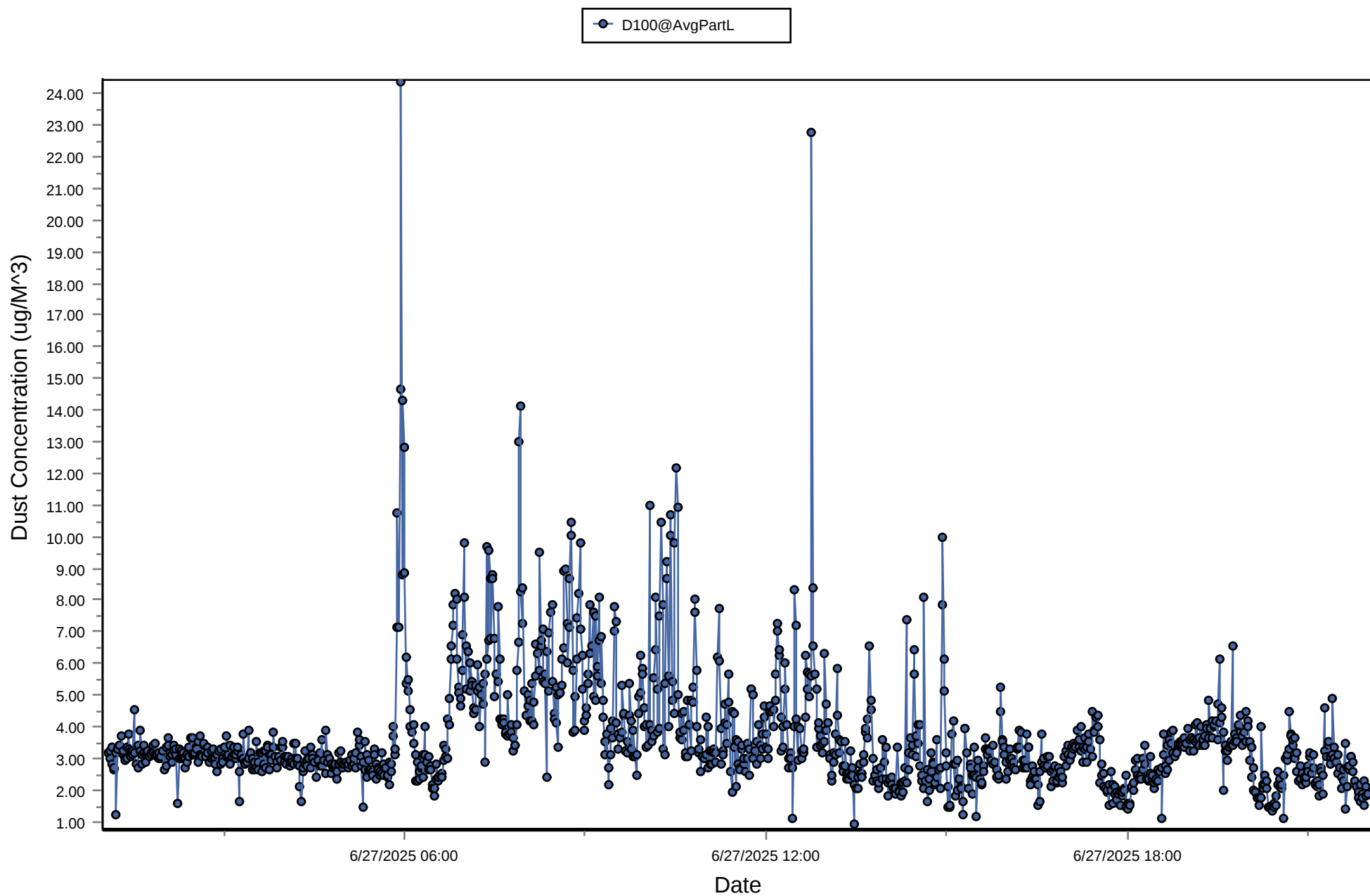
Extended Note N30.490958 W98.213495
Post Event Notes No text to be displayed.

Sound Level Microphone
LMax 81.1 dB(A)
Date Jun 27, 2025
Time 16:53:06
Sound(dB(A)) LMin 36.7 L10 57 L90 46 Leq 53.9
Sensor Check Passed
Test Amplitude 923 mv



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

