

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

Vert at October 31, 2025 11:11:58
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 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_20251031111158.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

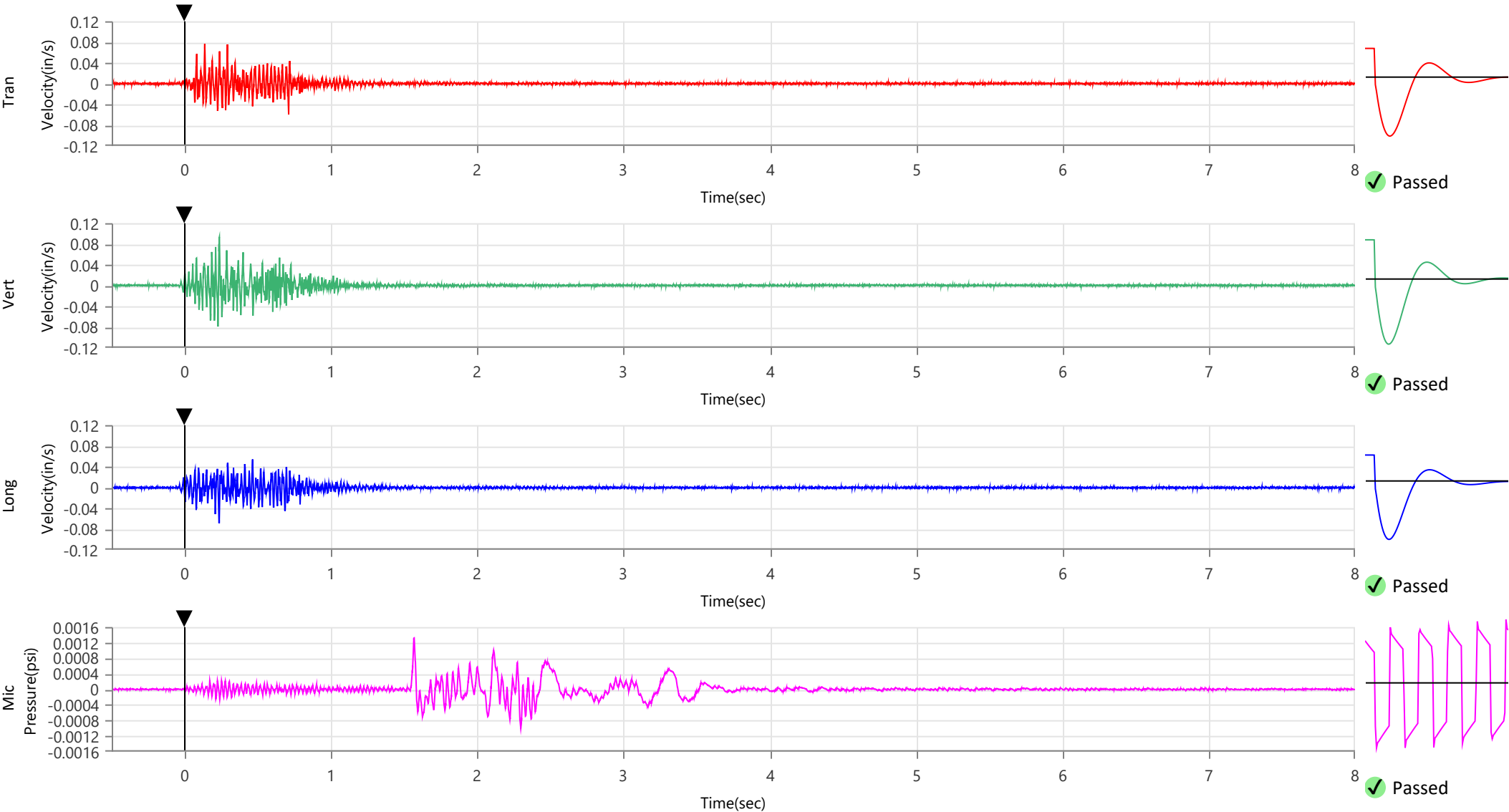
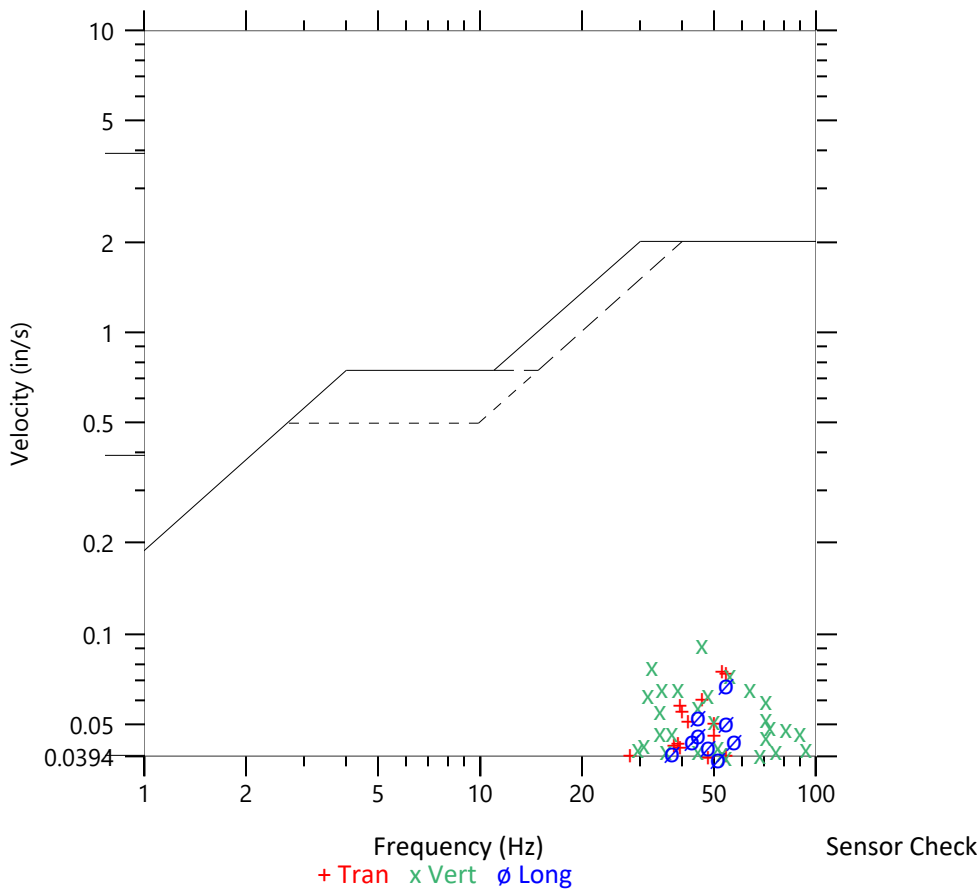
Tran	Vert	Long
0.0766 in/s	0.0934 in/s	0.0692 in/s
52.5 Hz	45.5 Hz	53.9 Hz
0.136 sec	0.236 sec	0.235 sec
0.082 g	0.092 g	0.076 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.7 Hz	7.1 Hz
4.1	3.8	5.2

Peak Vector Sum 0.1195 in/s at 0.236 sec

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

0.001321 psi
113.2 dB(L)
1.568 sec
13.1 Hz
✓ Passed
20.5 Hz
1554 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



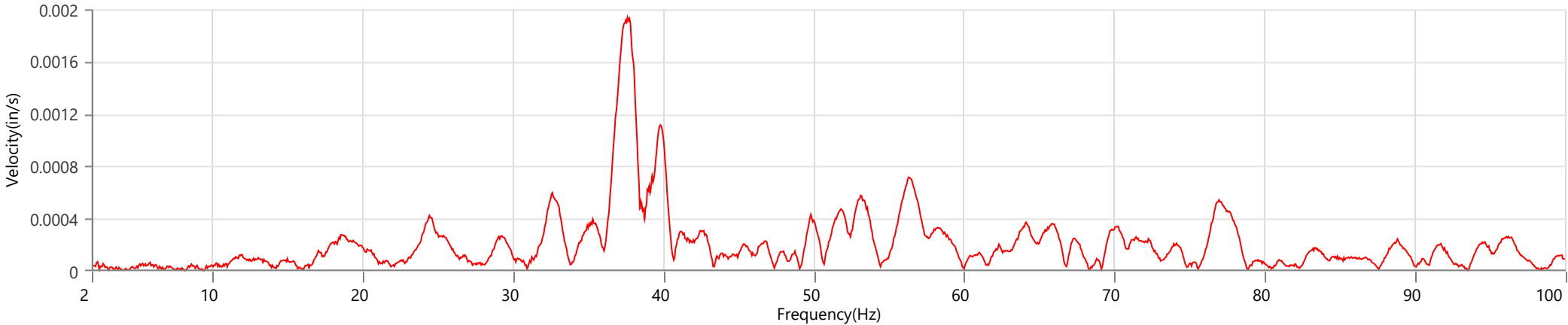
Waveform Trigger Source Vert at October 31, 2025 11:11:58
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

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_20251031111158.IDFW
USB Sensor Support Disabled

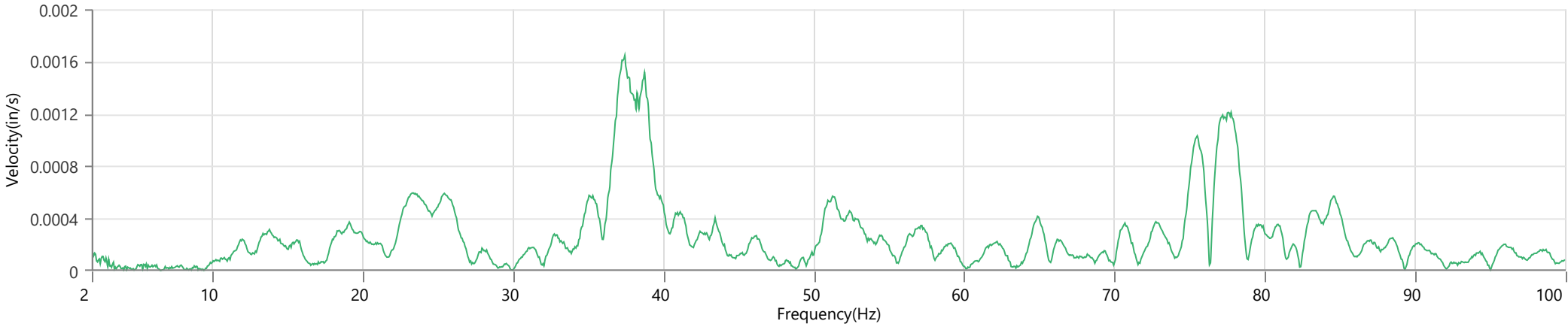
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

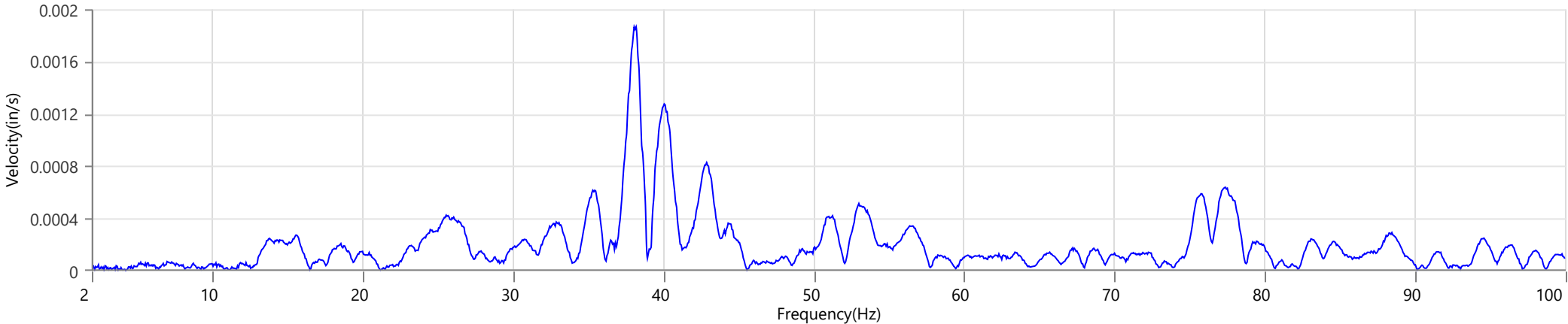
Tran - Dominant Frequency 37.6 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.0766 in/s)



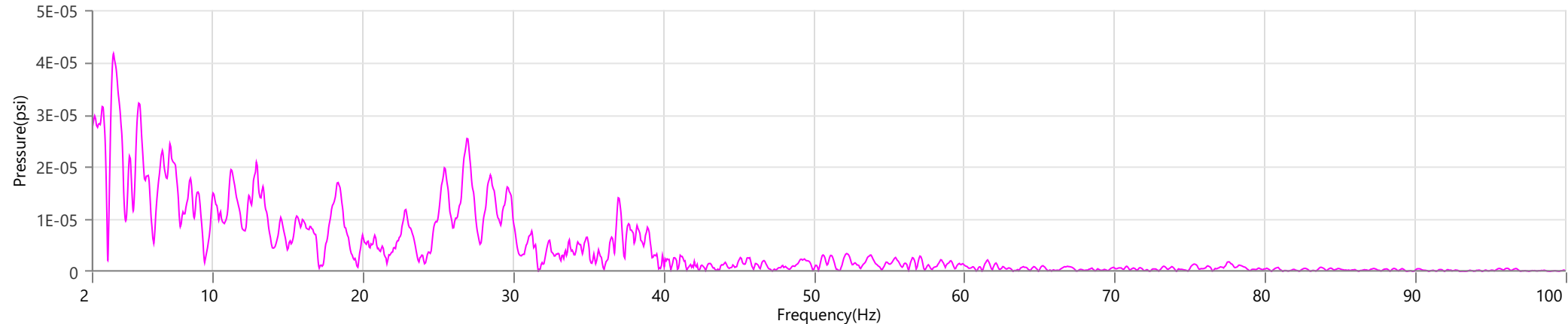
Vert - Dominant Frequency 37.4 Hz, Amplitude 0.0016 in/s (Peak Particle Velocity: 0.0934 in/s)



Long - Dominant Frequency 38.2 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.0692 in/s)



Mic - Dominant Frequency 3.4 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.001321 psi)



Waveform Trigger Source Long at October 31, 2025 11:11:59
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_20251031111159.IDFW
USB Sensor Support Disabled

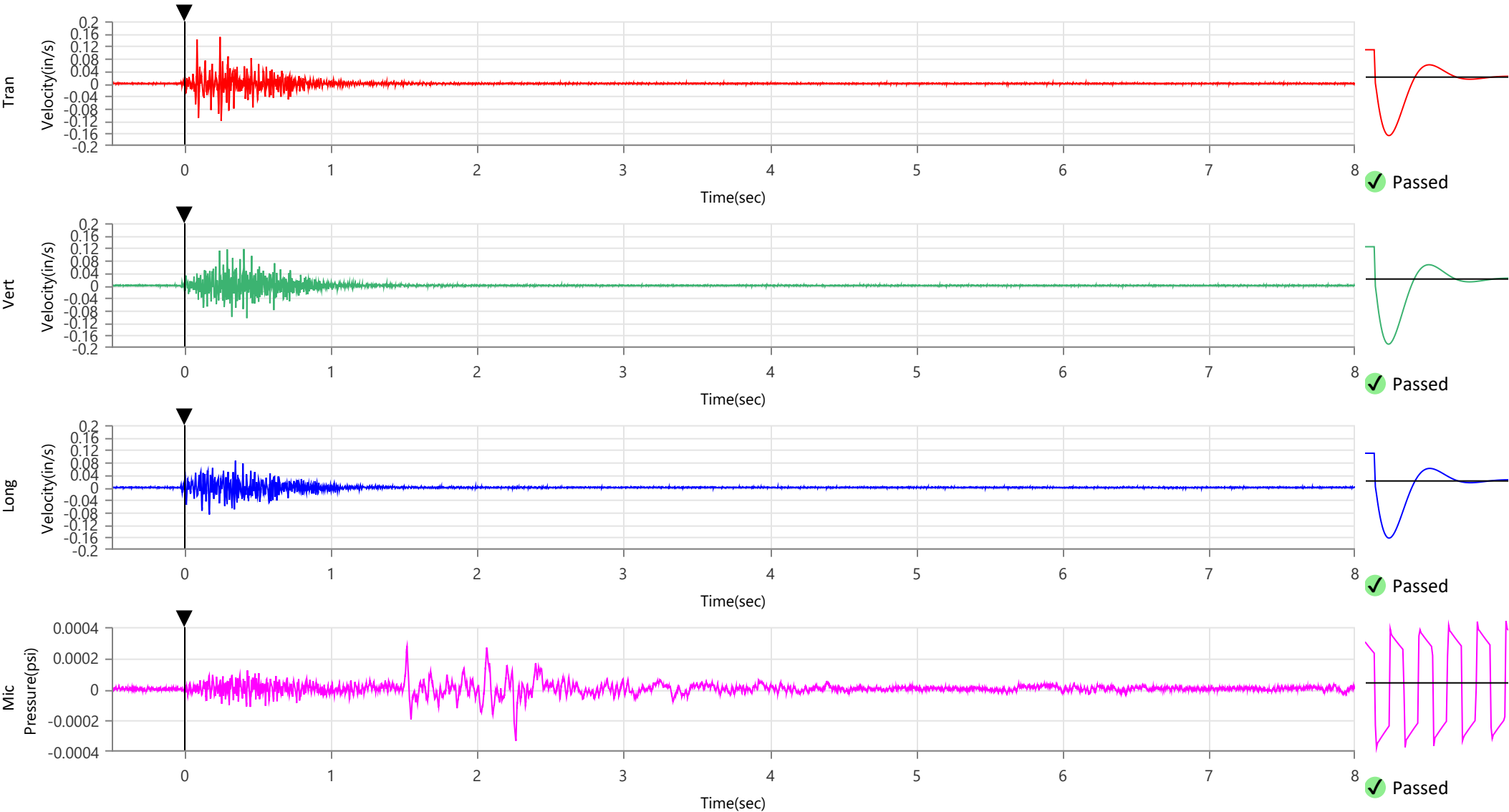
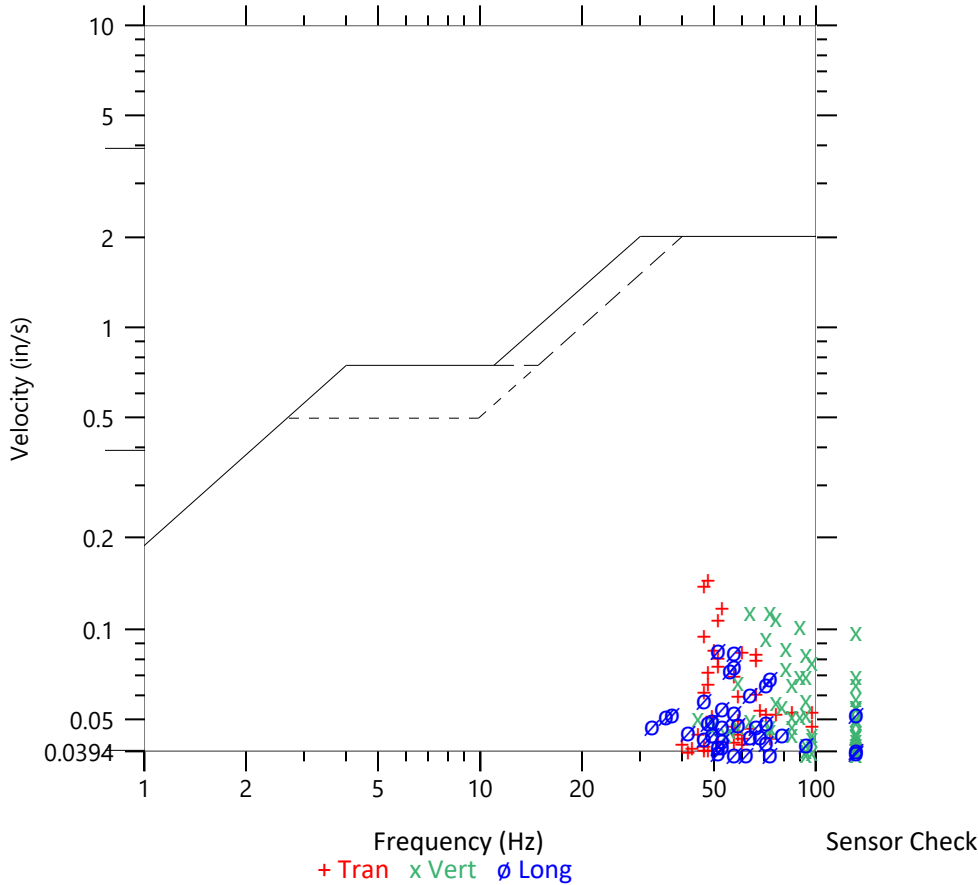
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1496 in/s	0.1170 in/s	0.0869 in/s
Zero Crossing Frequency	47.6 Hz	66.1 Hz	51.2 Hz
Time (Relative to Trigger)	0.241 sec	0.404 sec	0.168 sec
Peak Acceleration	0.138 g	0.197 g	0.099 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	4.7	4.5	4.5
Peak Vector Sum	0.1752 in/s at 0.239 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000331 psi
Peak Sound Pressure Level 101.1 dB(L)
Time (Relative to Trigger) 2.265 sec
Zero Crossing Frequency 13.8 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1600 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



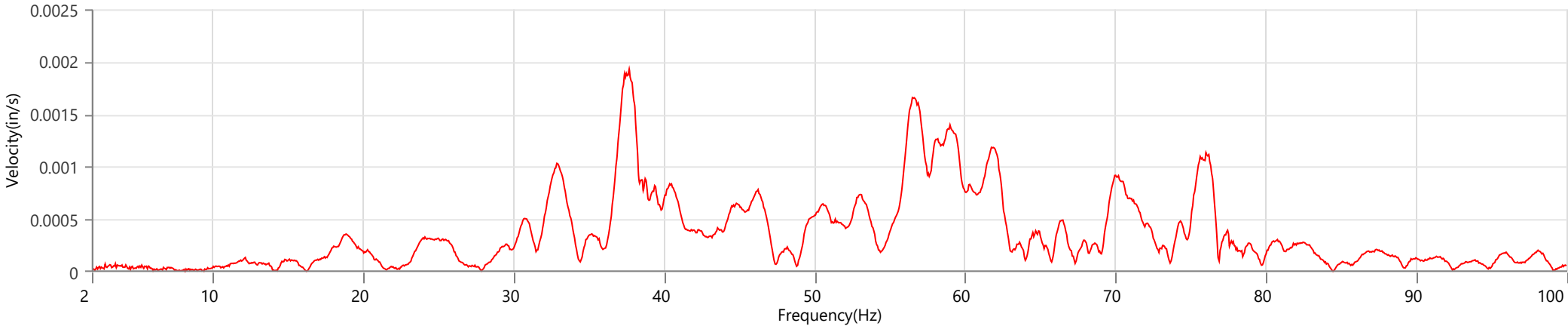
Waveform Trigger Source Long at October 31, 2025 11:11:59
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20251031111159.IDFW
USB Sensor Support Disabled

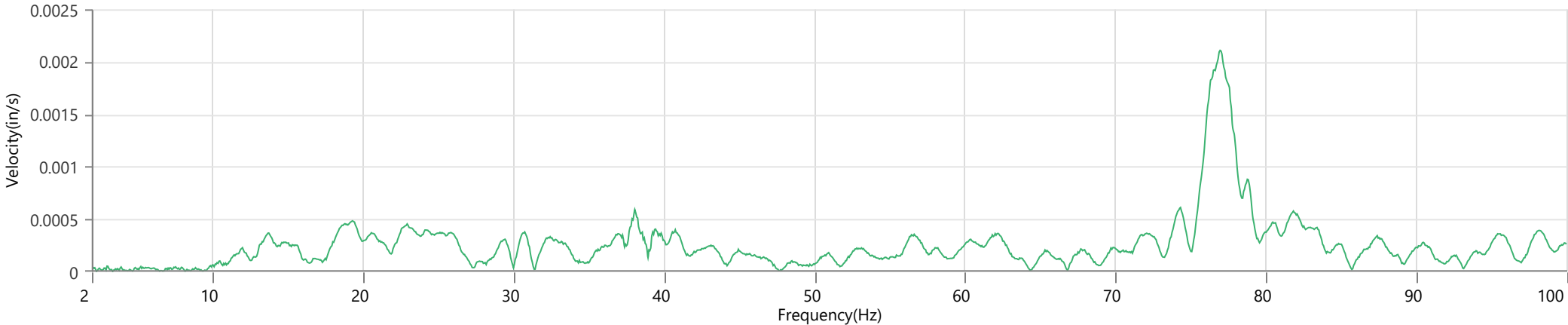
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

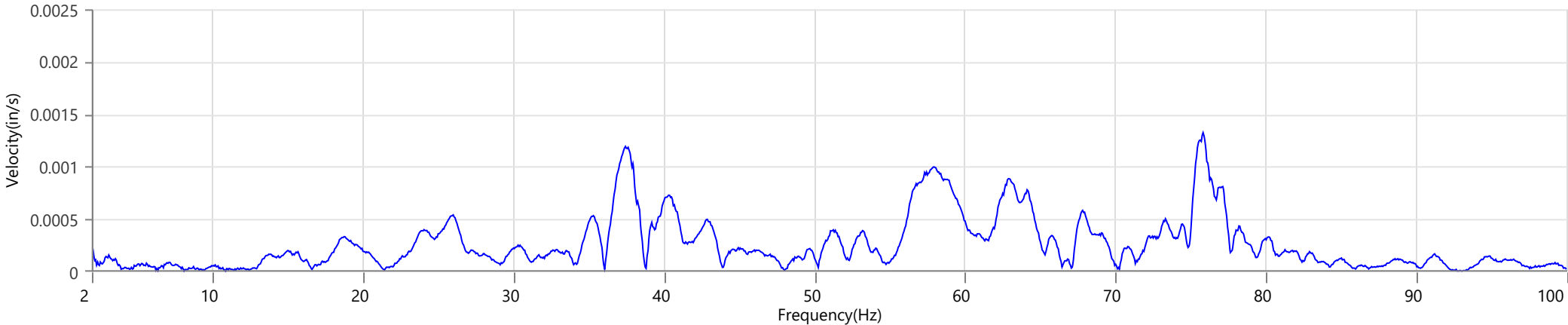
Tran - Dominant Frequency 37.7 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1496 in/s)



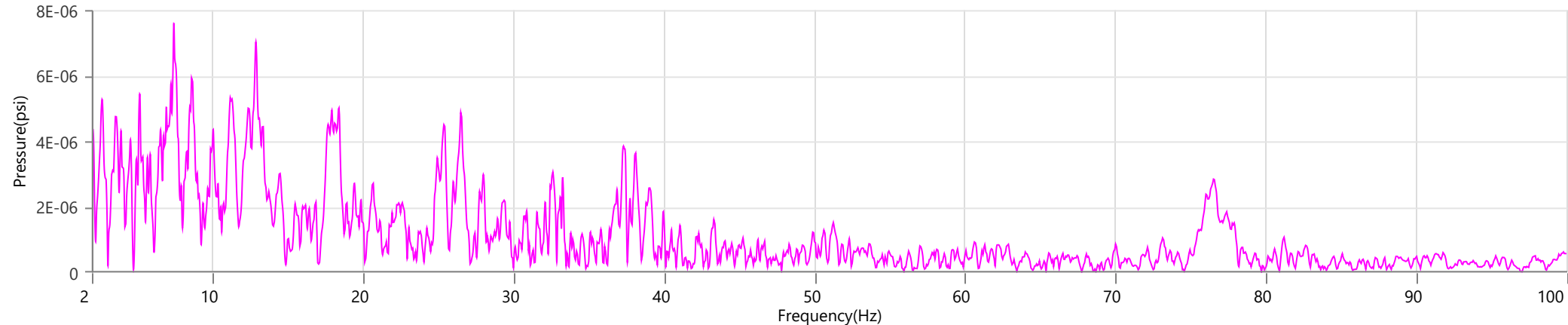
Vert - Dominant Frequency 76.9 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1170 in/s)



Long - Dominant Frequency 75.8 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.0869 in/s)



Mic - Dominant Frequency 7.4 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000331 psi)



Waveform Trigger Source Long at October 31, 2025 11:11:58
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 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_20251031111158.IDFW
USB Sensor Support Disabled

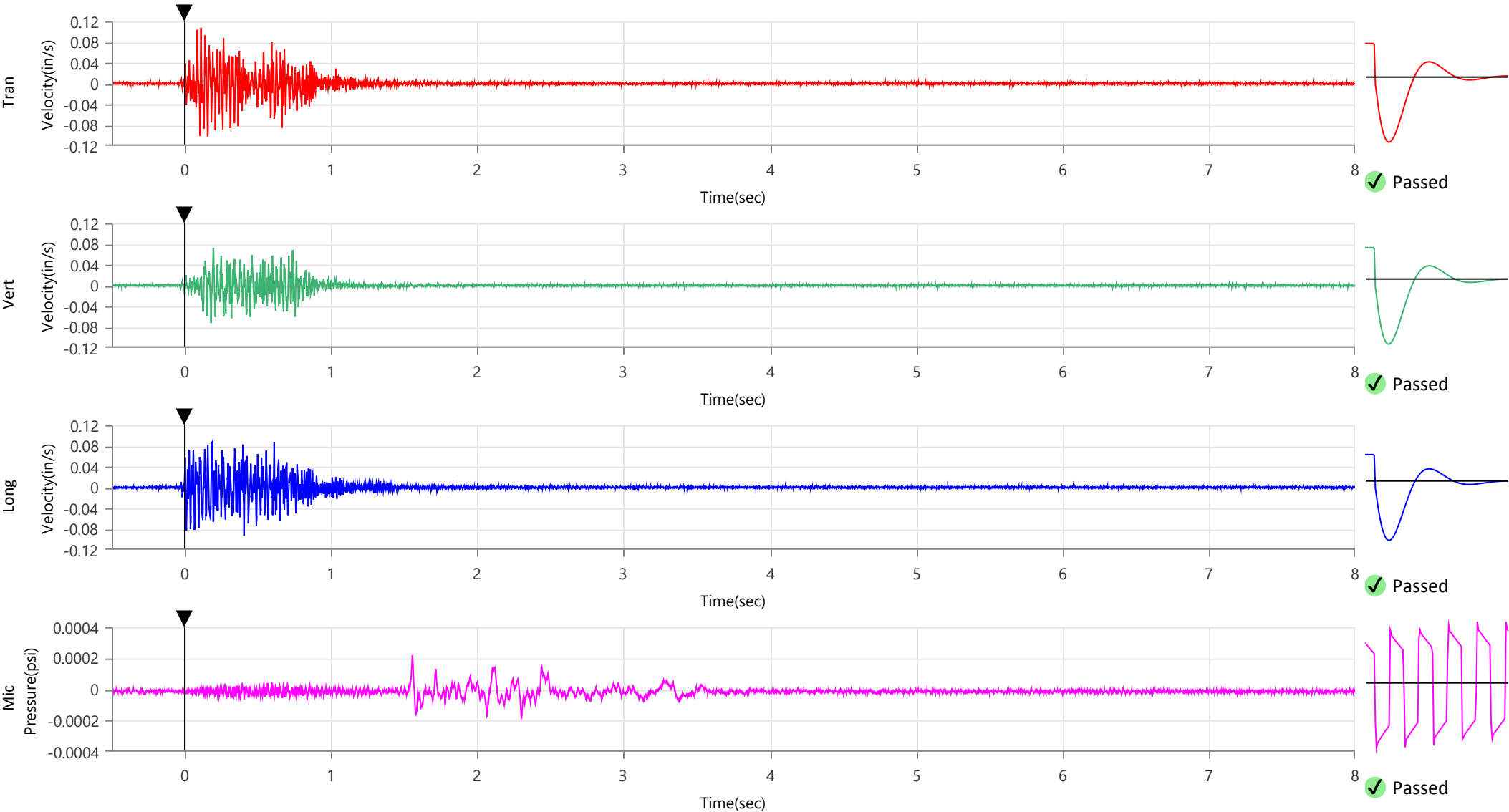
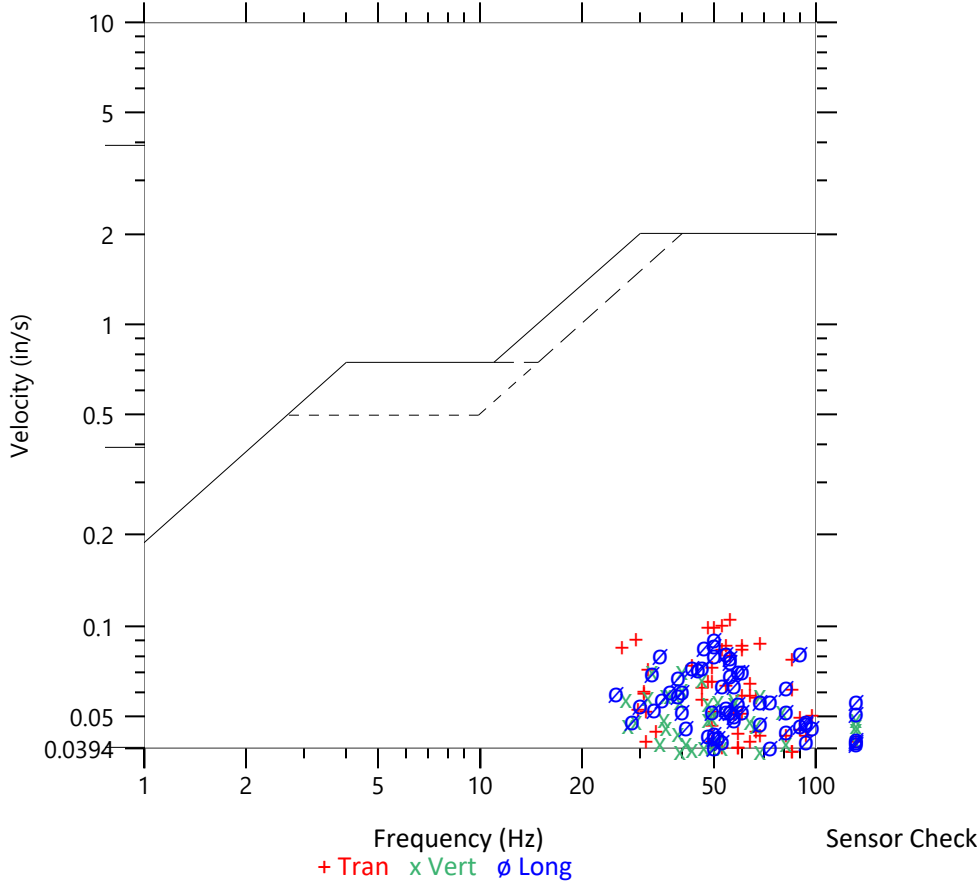
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1074 in/s	0.0726 in/s	0.0931 in/s
Zero Crossing Frequency	55.4 Hz	41.0 Hz	50.0 Hz
Time (Relative to Trigger)	0.111 sec	0.196 sec	0.405 sec
Peak Acceleration	0.151 g	0.109 g	0.132 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.2	4.9	4.8
Peak Vector Sum	0.1182 in/s at 0.157 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000218 psi
Peak Sound Pressure Level 97.5 dB(L)
Time (Relative to Trigger) 1.556 sec
Zero Crossing Frequency 13.8 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1576 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



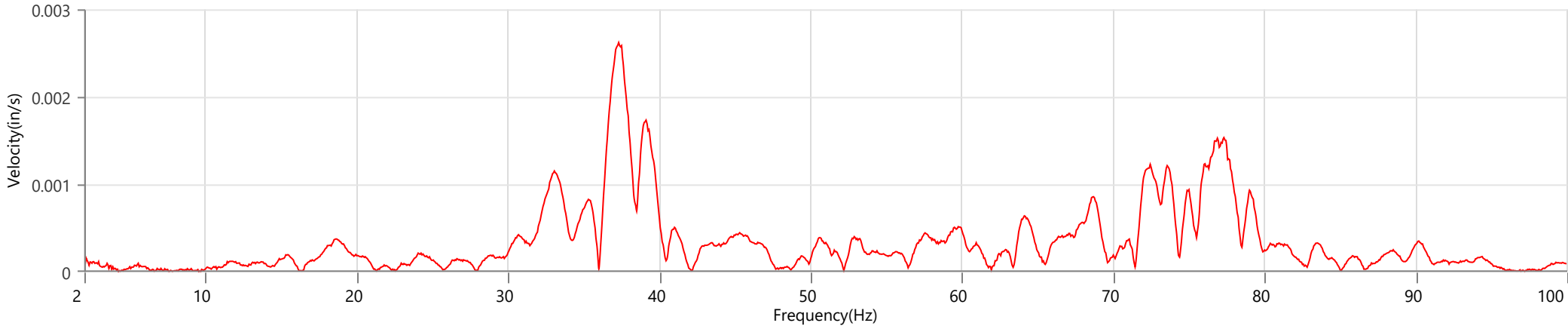
Waveform Trigger Source Long at October 31, 2025 11:11:58
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

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_20251031111158.IDFW
USB Sensor Support Disabled

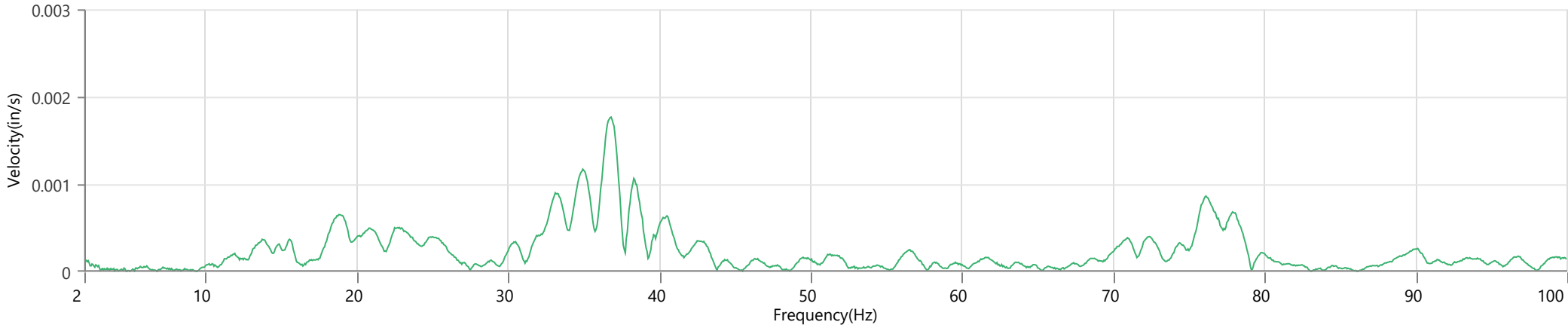
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

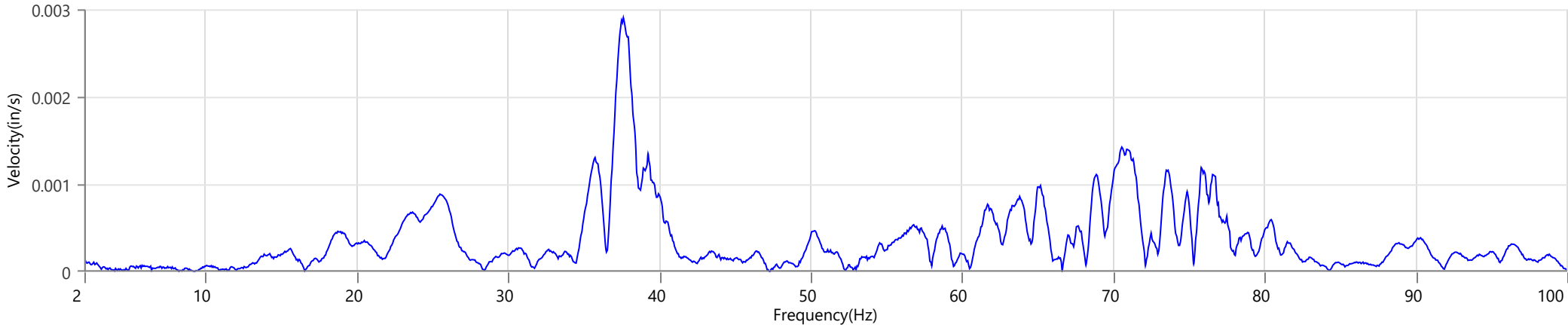
Tran - Dominant Frequency 37.3 Hz, Amplitude 0.0026 in/s (Peak Particle Velocity: 0.1074 in/s)



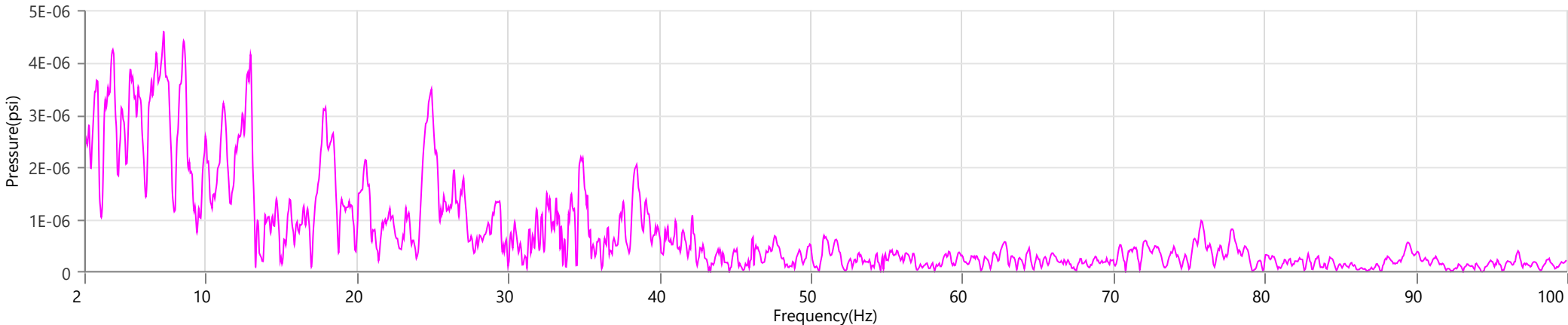
Vert - Dominant Frequency 36.8 Hz, Amplitude 0.0018 in/s (Peak Particle Velocity: 0.0726 in/s)



Long - Dominant Frequency 37.6 Hz, Amplitude 0.0029 in/s (Peak Particle Velocity: 0.0931 in/s)



Mic - Dominant Frequency 7.2 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000218 psi)



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

Vert at October 31, 2025 11:11:59
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_20251031111159.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

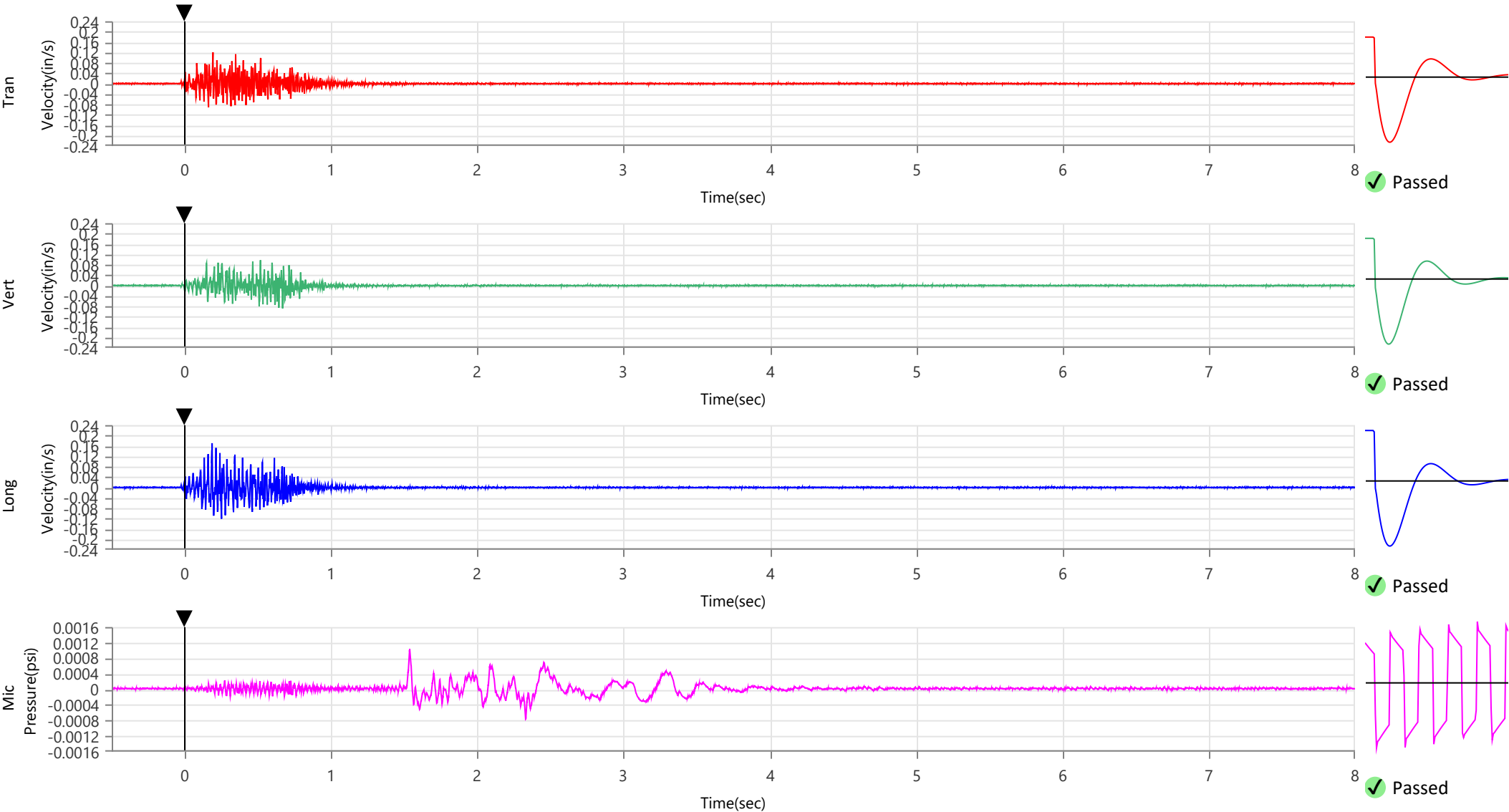
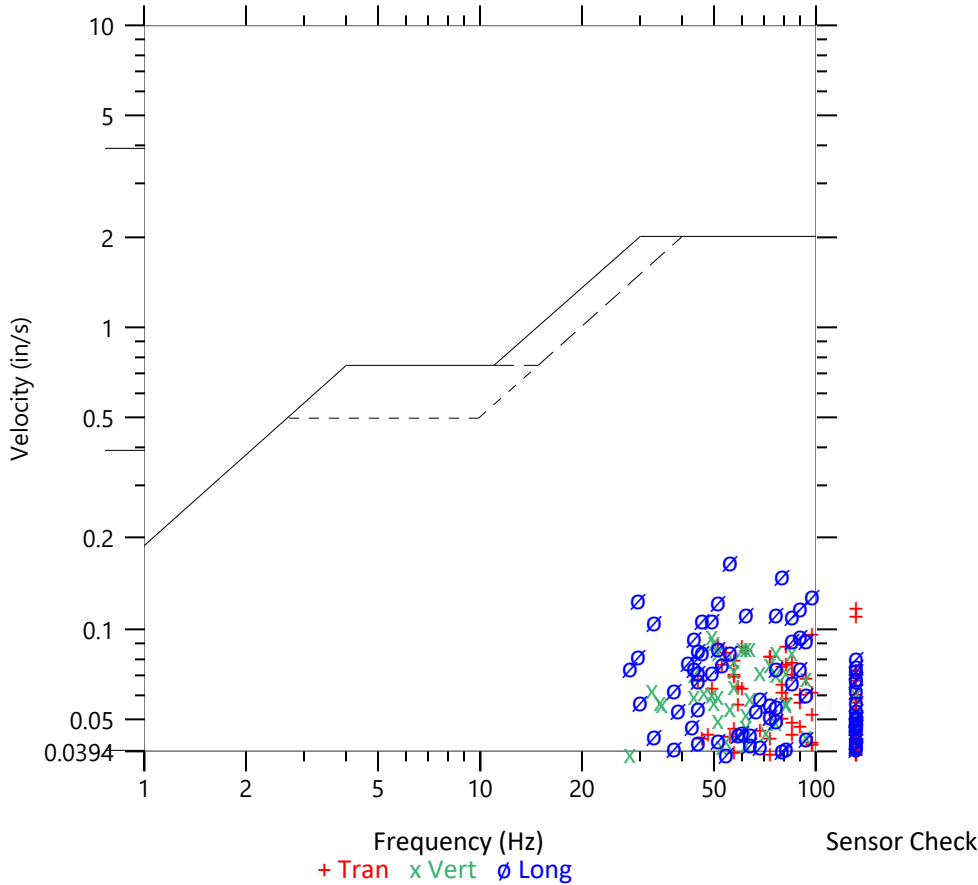
Tran	Vert	Long
0.1204 in/s	0.0974 in/s	0.1704 in/s
>100 Hz	50.0 Hz	55.4 Hz
0.192 sec	0.517 sec	0.187 sec
0.214 g	0.142 g	0.194 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.7 Hz	7.3 Hz
3.5	3.6	3.7

Peak Vector Sum 0.1734 in/s at 0.187 sec

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

0.001035 psi
111.1 dB(L)
1.538 sec
7.9 Hz
✓ Passed
19.7 Hz
1562 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 October 31, 2025 11:11:59
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

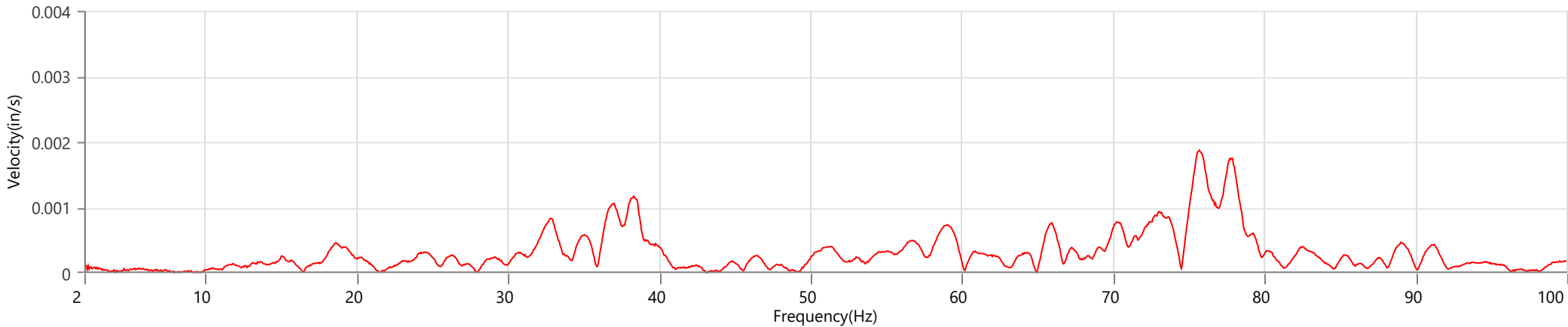
UM9228
Micromate ISEE 11.0AK
3.8 volts
April 24, 2025 by Instantel
UM9228_20251031111159.IDFW
Disabled

Notes
Location
Client
Company
General Notes

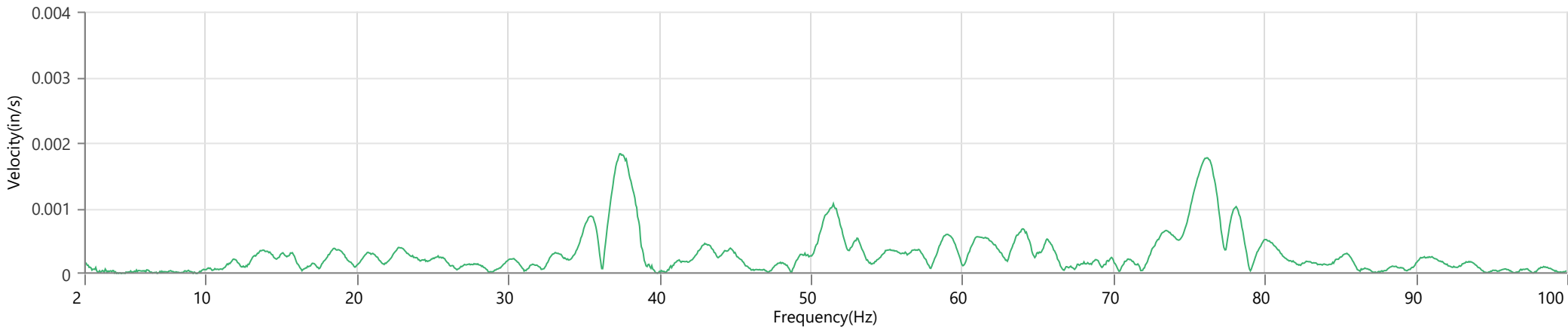
Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

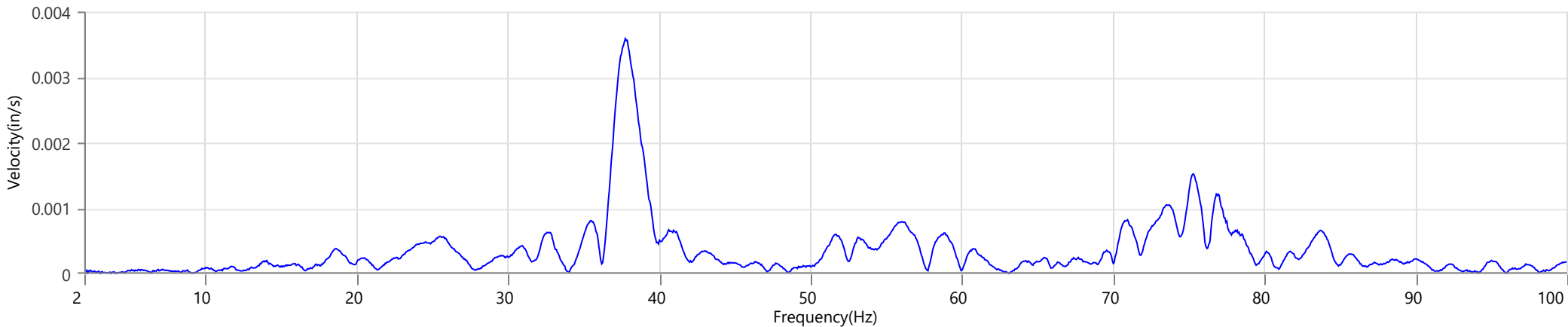
Tran - Dominant Frequency 75.7 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1204 in/s)



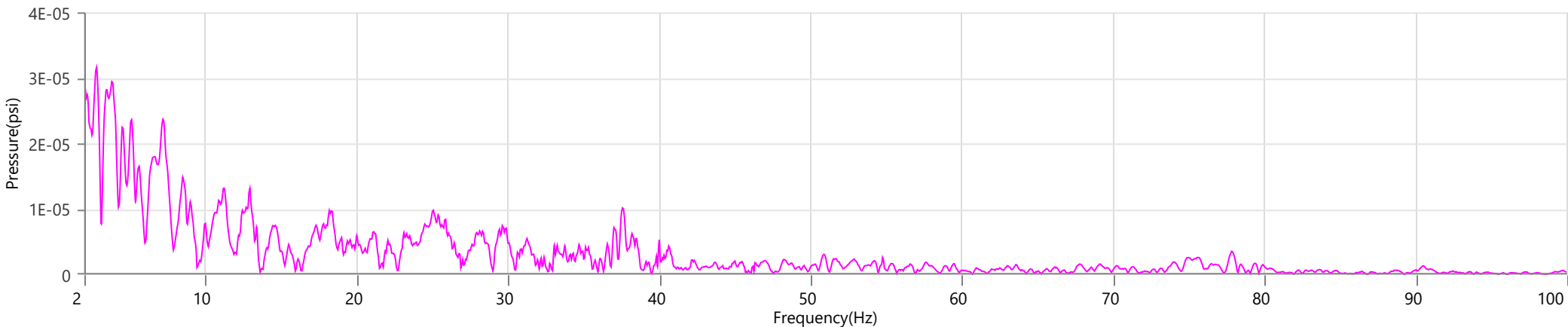
Vert - Dominant Frequency 37.4 Hz, Amplitude 0.0018 in/s (Peak Particle Velocity: 0.0974 in/s)



Long - Dominant Frequency 37.8 Hz, Amplitude 0.0036 in/s (Peak Particle Velocity: 0.1704 in/s)



Mic - Dominant Frequency 2.8 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.001035 psi)



Waveform Trigger Source Long at October 31, 2025 11:11:59
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_20251031111159.IDFW
USB Sensor Support Disabled

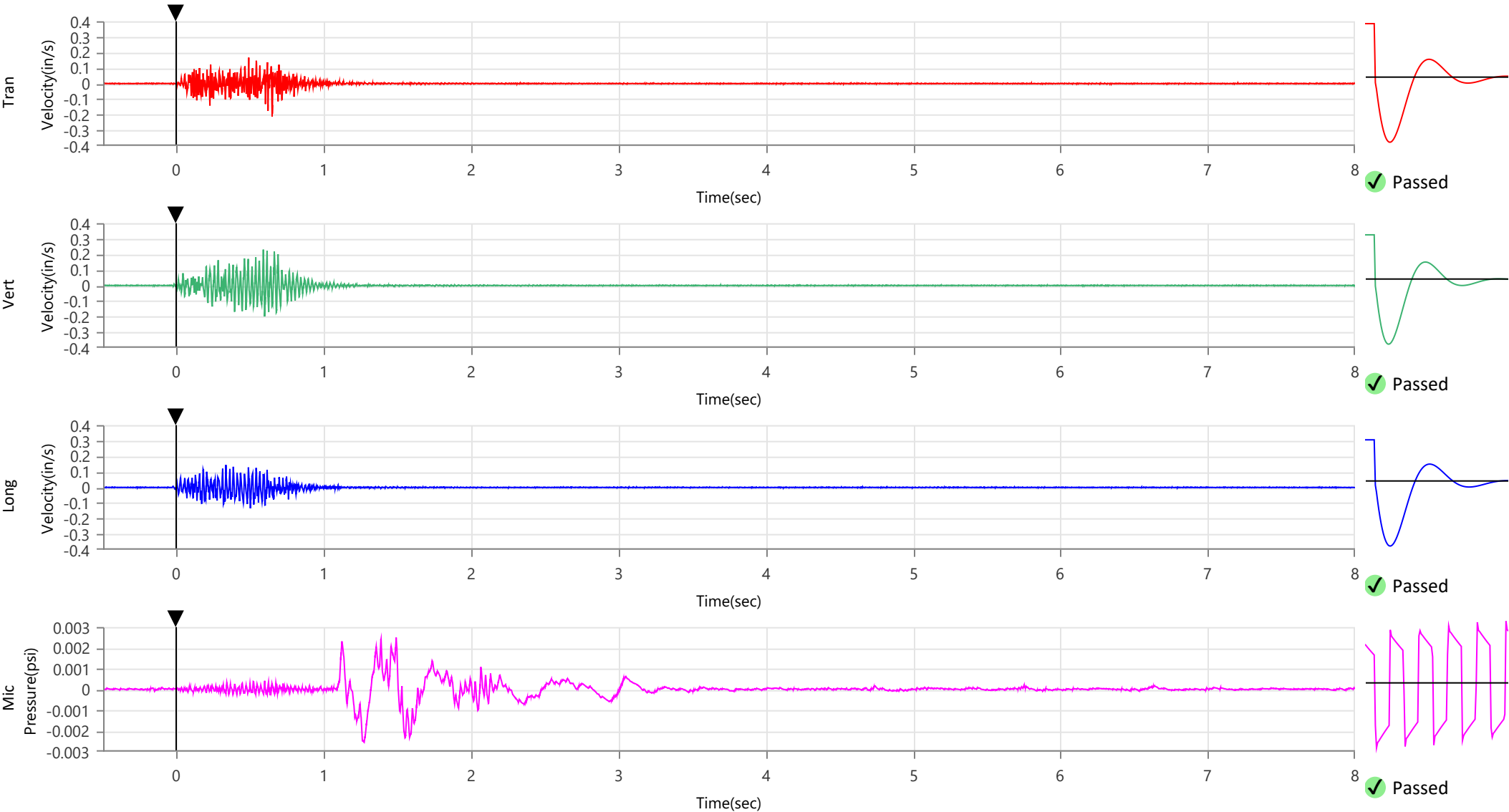
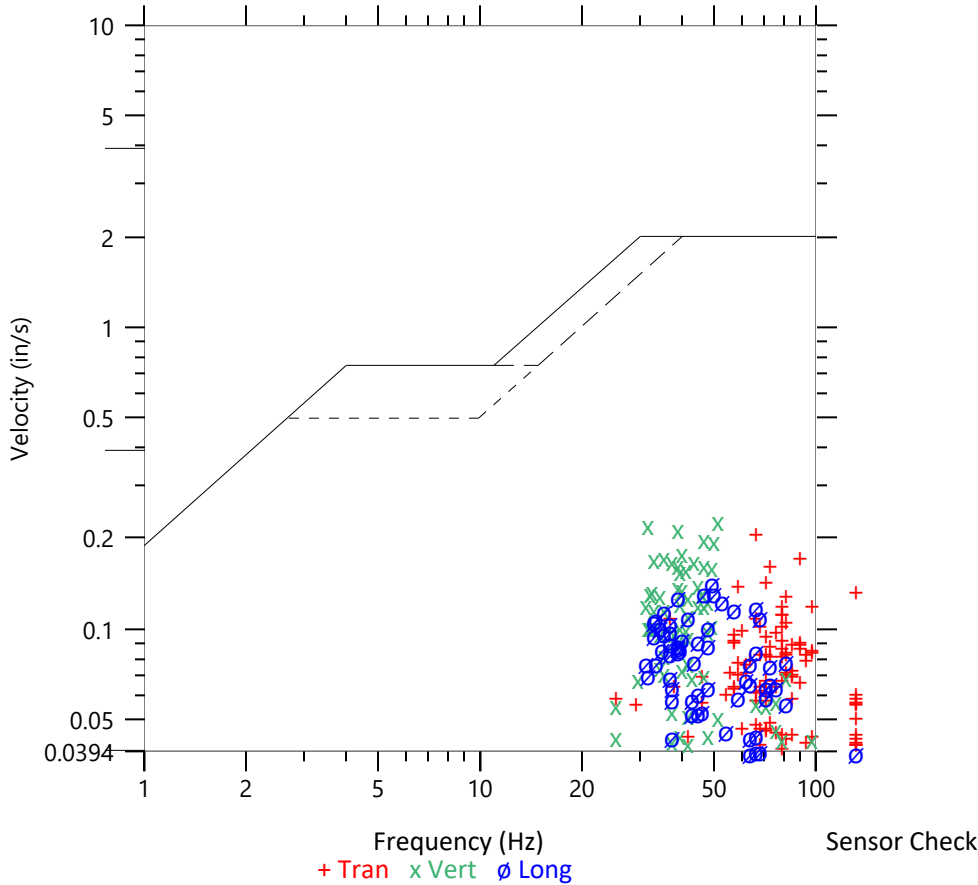
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2119 in/s	0.2302 in/s	0.1443 in/s
Zero Crossing Frequency	66.1 Hz	51.2 Hz	50.0 Hz
Time (Relative to Trigger)	0.648 sec	0.588 sec	0.334 sec
Peak Acceleration	0.270 g	0.250 g	0.158 g
Peak Displacement	0.000 in	0.001 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.9 Hz	7.3 Hz
Overswing Ratio	3.6	3.8	3.8
Peak Vector Sum	0.2523 in/s at 0.614 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.002552 psi
Peak Sound Pressure Level 118.9 dB(L)
Time (Relative to Trigger) 1.273 sec
Zero Crossing Frequency 3.7 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1655 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



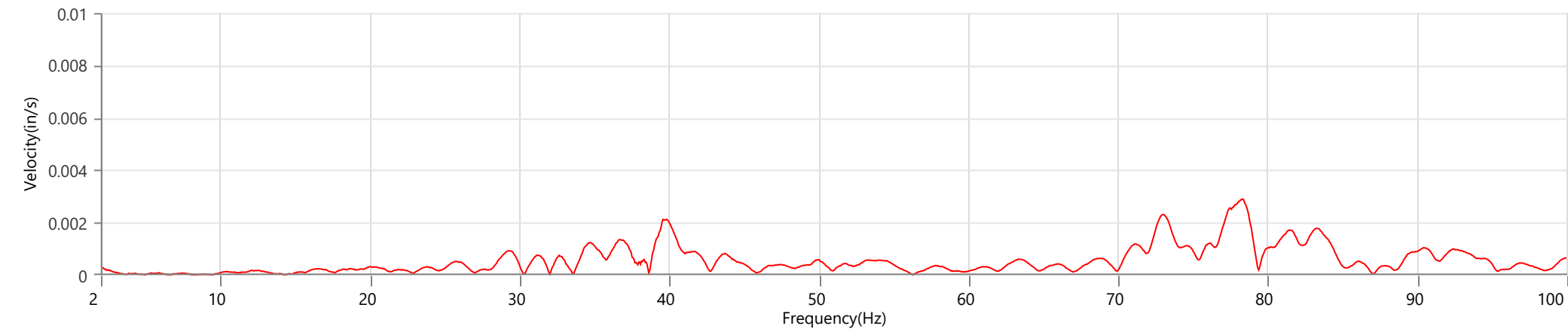
Waveform Trigger Source Long at October 31, 2025 11:11:59
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

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_20251031111159.IDFW
USB Sensor Support Disabled

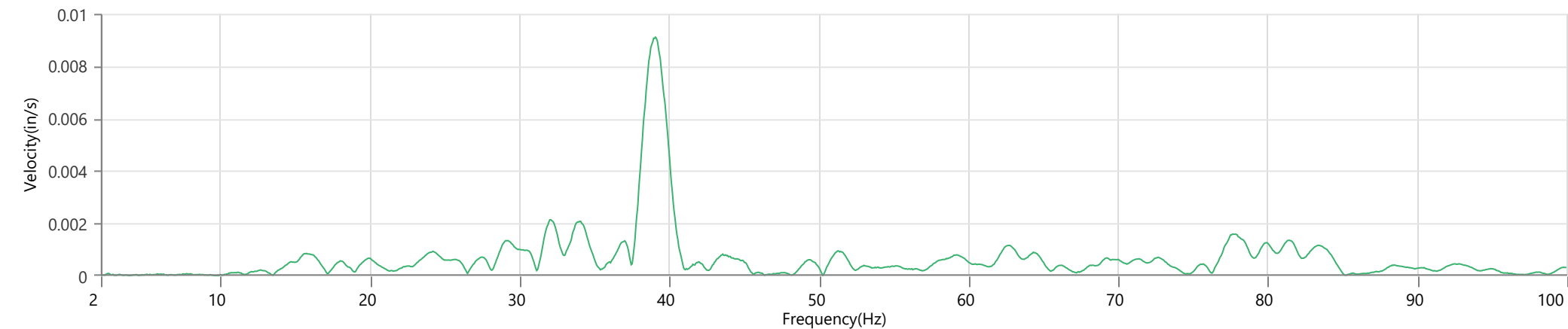
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

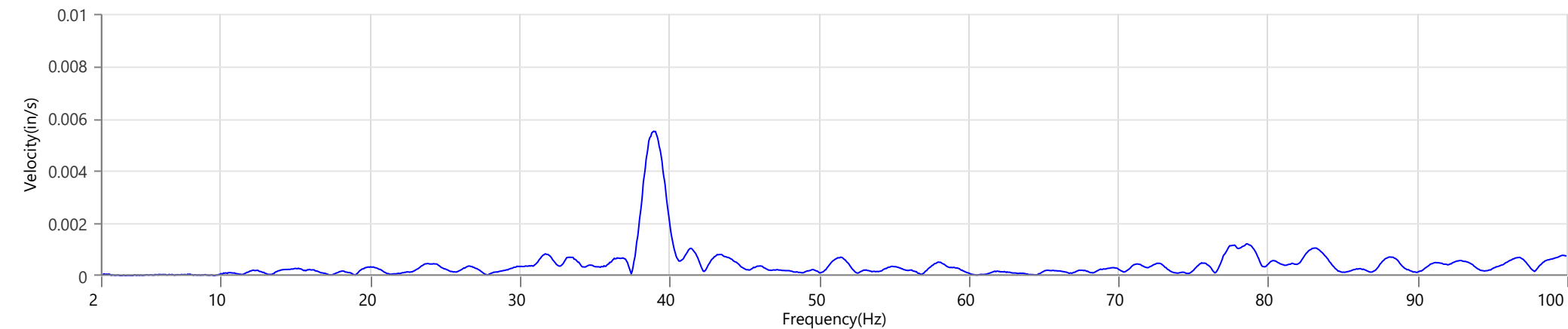
Tran - Dominant Frequency 78.3 Hz, Amplitude 0.0029 in/s (Peak Particle Velocity: 0.2119 in/s)



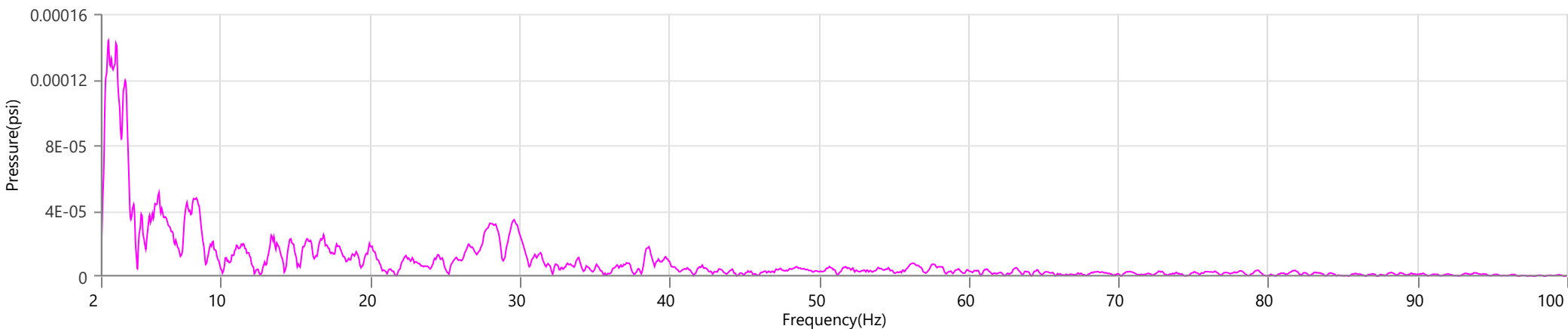
Vert - Dominant Frequency 39.1 Hz, Amplitude 0.0091 in/s (Peak Particle Velocity: 0.2302 in/s)



Long - Dominant Frequency 38.9 Hz, Amplitude 0.0055 in/s (Peak Particle Velocity: 0.1443 in/s)



Mic - Dominant Frequency 2.5 Hz, Amplitude 0.00014 psi (Peak Sound Pressure Level: 0.002552 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

October 31, 2025 00:00:04

October 31, 2025 23:29:59

1409.93/60 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_20251031000004.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

75.3 dB(A)

Oct 31, 2025

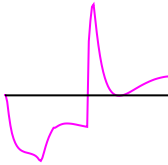
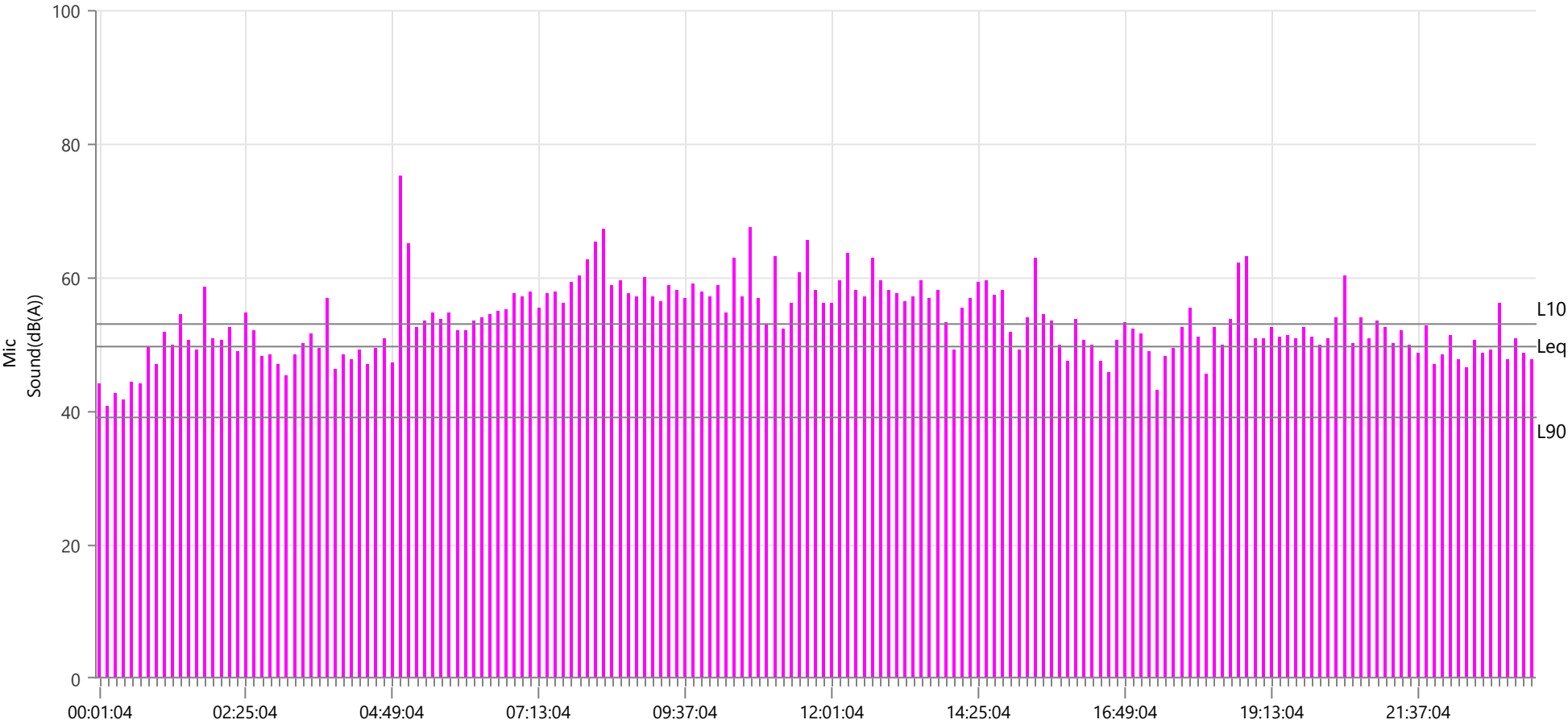
05:04:04

LMin L10 L90 Leq

37.0 53 39 49.7

✓ Passed

1168 mv



✓ Passed



Start
Finish
Number of Intervals/Interval
Sample Rate
Setup File Name
Operator

October 31, 2025 00:00:05
October 31, 2025 23:30:00
1409.91/60 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
Calibration
UM8328_20251031000005.IDFH
Disabled

Notes
Location
Client
Company
General Notes

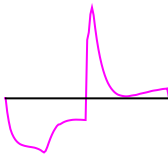
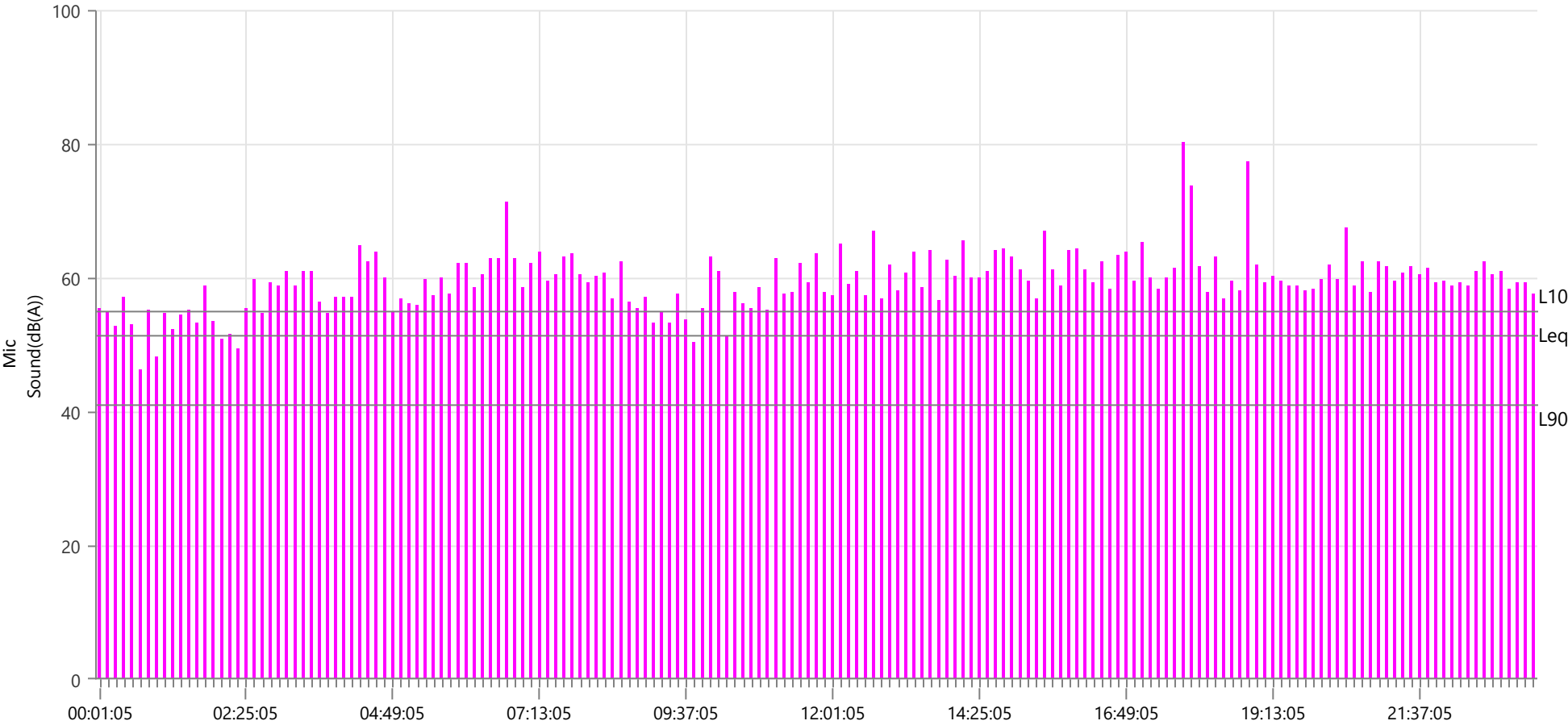
Noise 3
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

Sound Level Microphone
LMax
Date
Time

Sound(dB(A))
Sensor Check
Test Amplitude

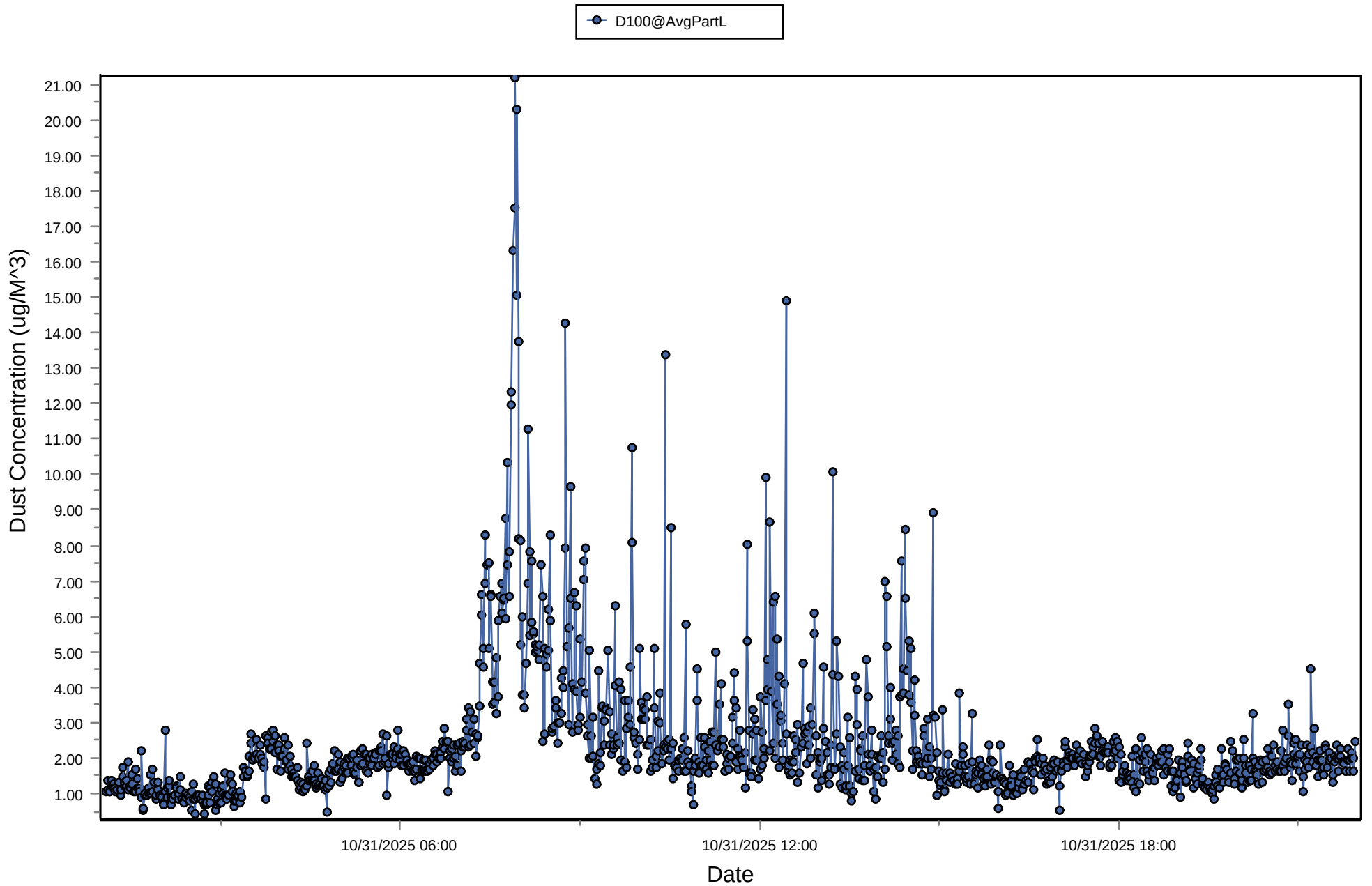
A-Weight Slow
80.2 dB(A)
Oct 31, 2025
17:48:05
LMin L10 L90 Leq
36.3 55 41 51.4
✔ Passed
1006 mv



✔ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

