

Waveform Trigger Source Long at August 15, 2025 11:40:07
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_20250815114007.IDFW
USB Sensor Support Disabled

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

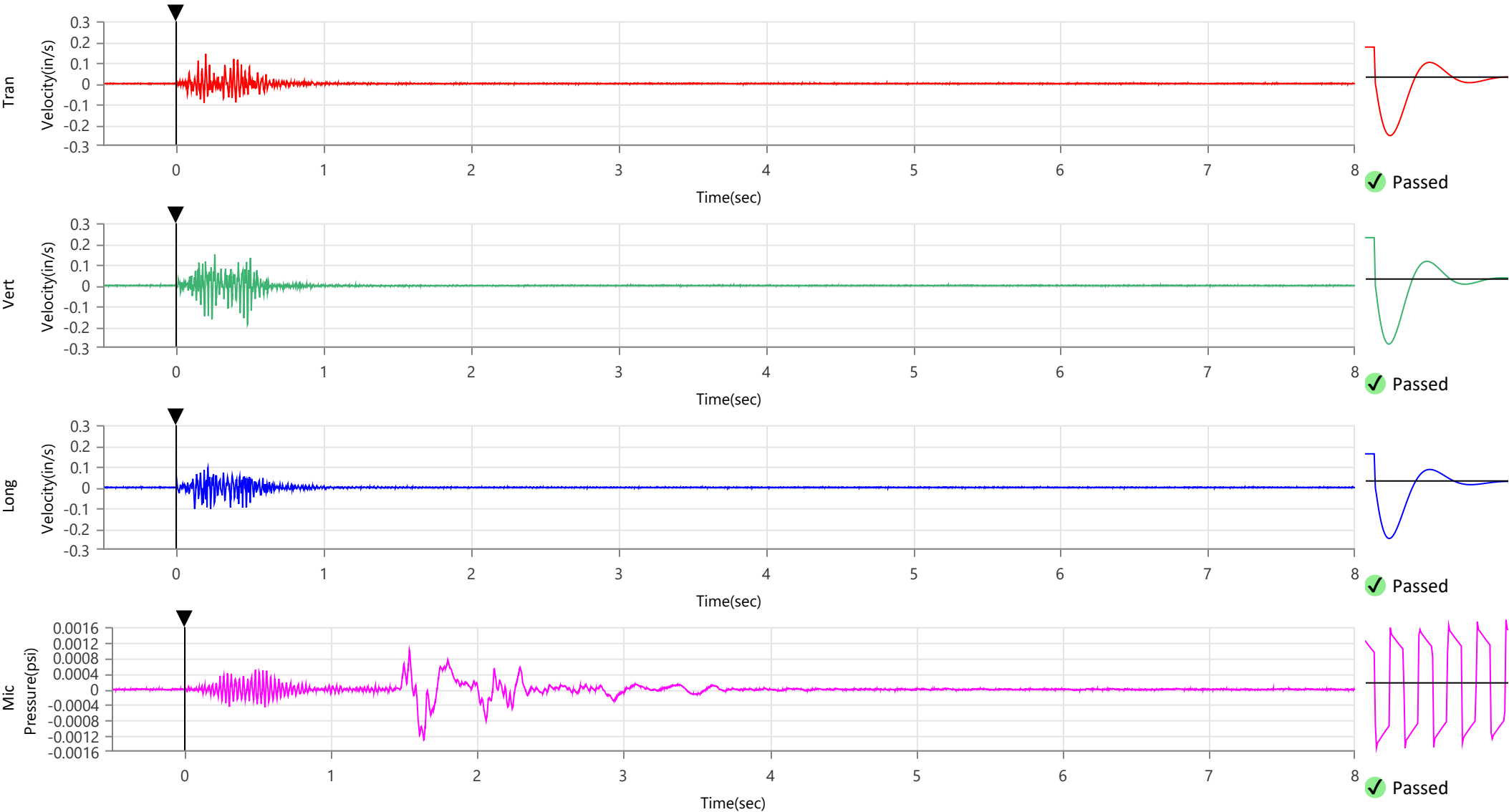
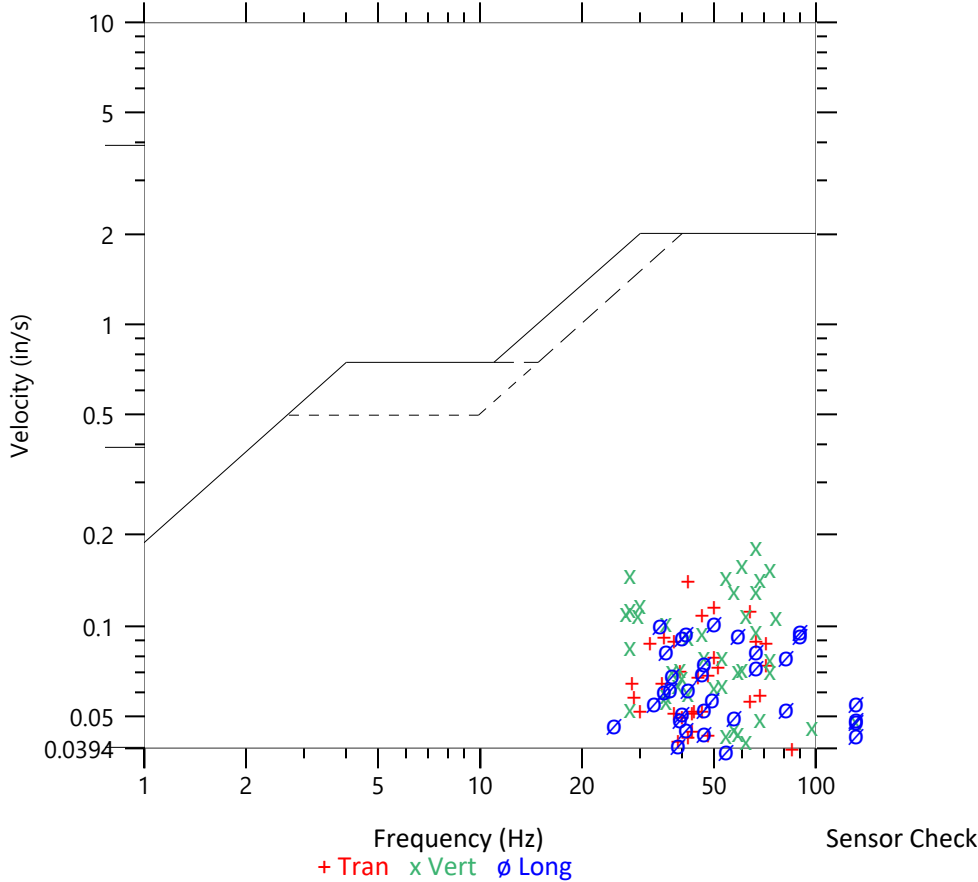
Extended Note N30.49650 W21572
Post Event Notes No text to be displayed.

Geophone
Peak Particle Velocity Tran 0.1431 in/s Vert 0.1880 in/s Long 0.1046 in/s
Zero Crossing Frequency 41.8 Hz 66.1 Hz 50.0 Hz
Time (Relative to Trigger) 0.198 sec 0.481 sec 0.231 sec
Peak Acceleration 0.122 g 0.207 g 0.151 g
Peak Displacement 0.000 in 0.001 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 0.1941 in/s at 0.481 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.001307 psi
Peak Sound Pressure Level 113.1 dB(L)
Time (Relative to Trigger) 1.635 sec
Zero Crossing Frequency 3.5 Hz
Sensor Check Passed
Frequency 20.5 Hz
Test Amplitude 1247 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



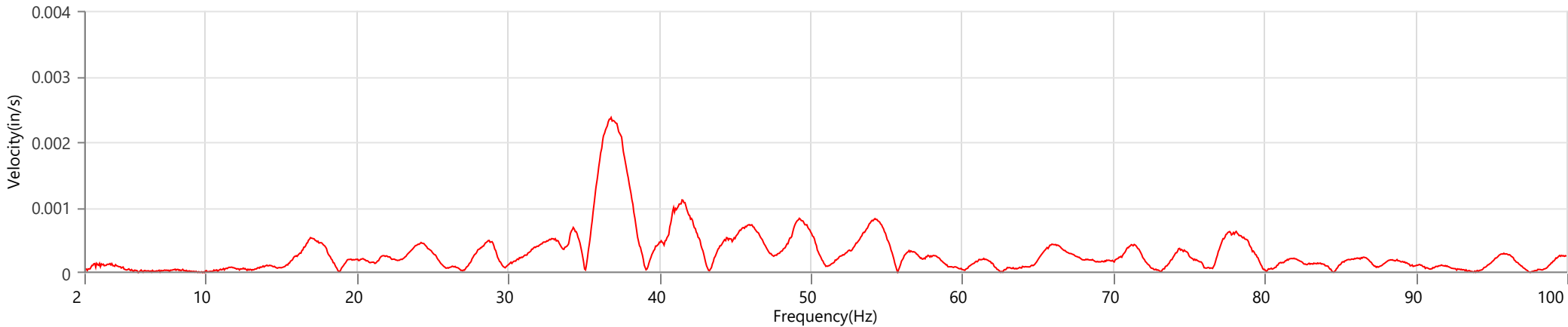
Waveform Trigger Source Long at August 15, 2025 11:40:07
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

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_20250815114007.IDFW
USB Sensor Support Disabled

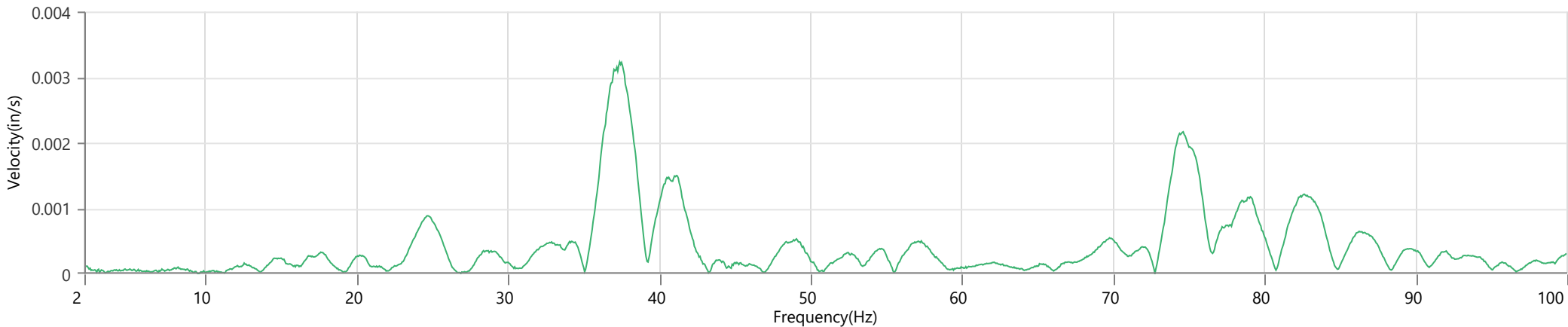
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

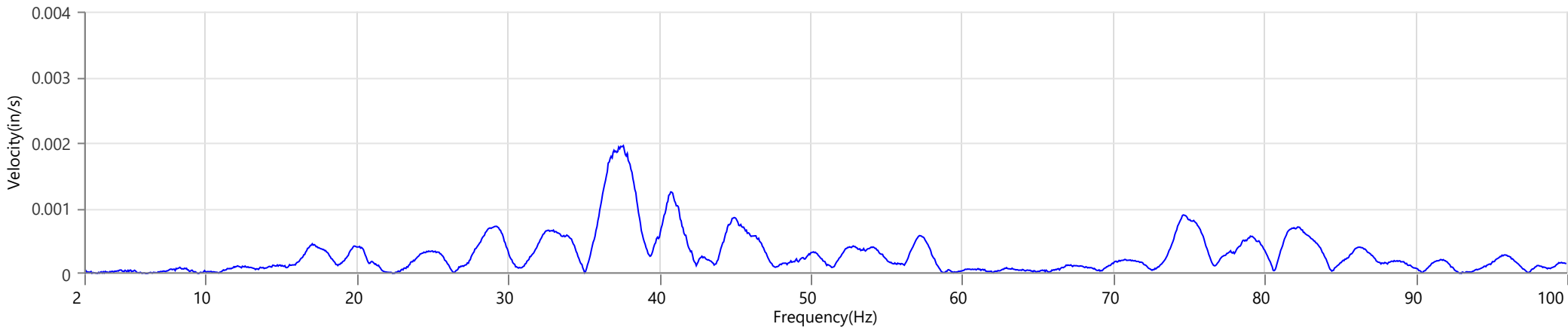
Tran - Dominant Frequency 36.8 Hz, Amplitude 0.0024 in/s (Peak Particle Velocity: 0.1431 in/s)



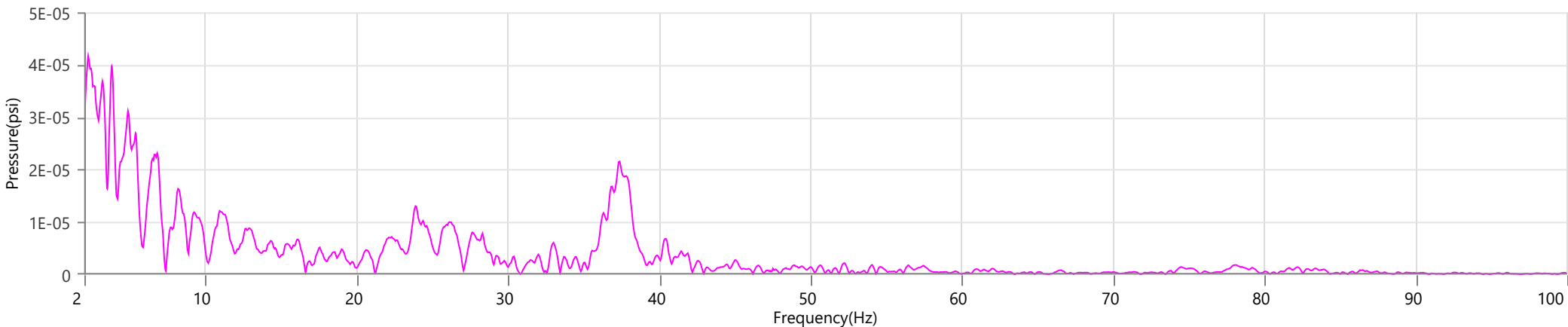
Vert - Dominant Frequency 37.4 Hz, Amplitude 0.0032 in/s (Peak Particle Velocity: 0.1880 in/s)



Long - Dominant Frequency 37.6 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.1046 in/s)



Mic - Dominant Frequency 2.2 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.001307 psi)



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

Vert at August 15, 2025 11:40:07
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_20250815114007.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
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

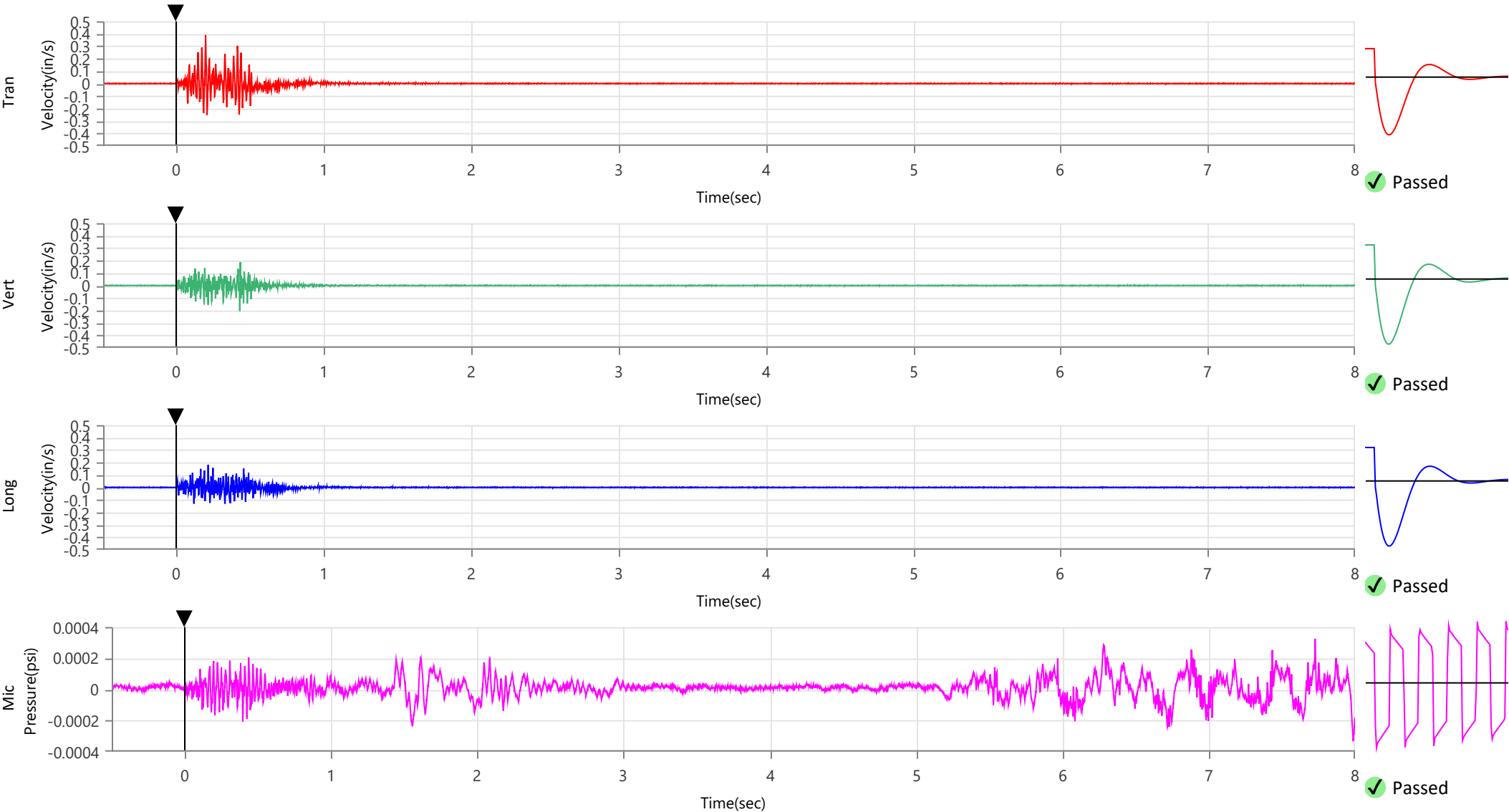
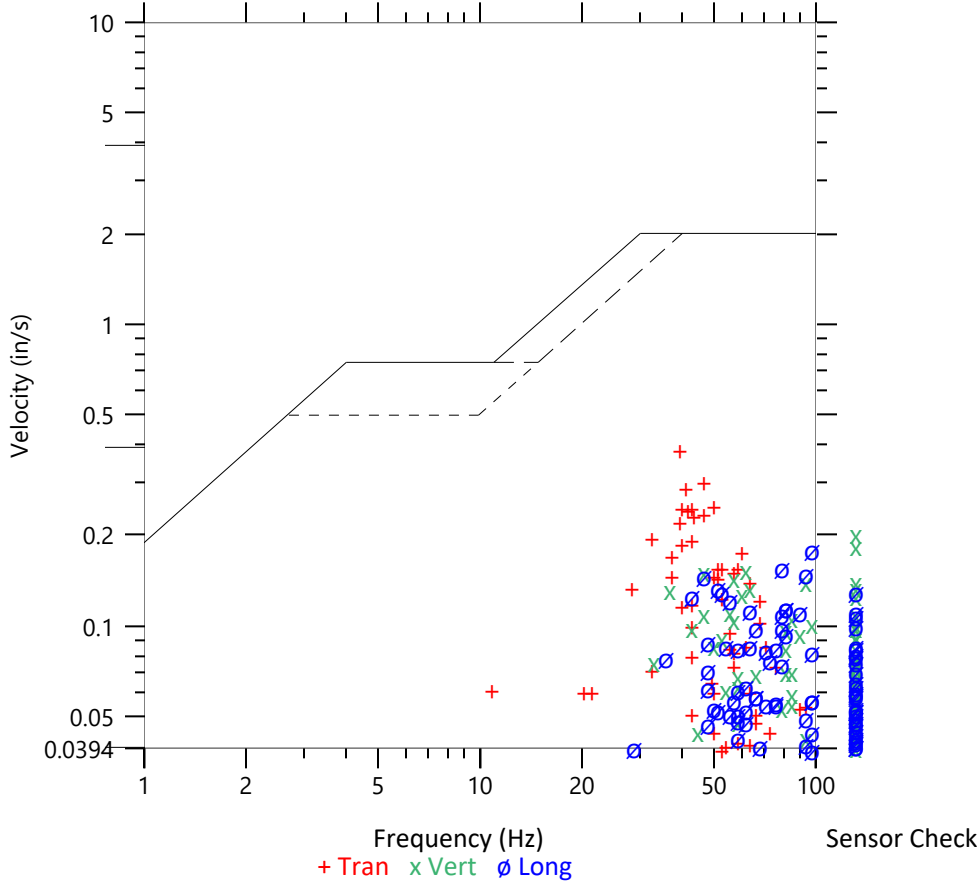
Tran	Vert	Long
0.3897 in/s	0.2054 in/s	0.1809 in/s
39.4 Hz	>100 Hz	97.5 Hz
0.196 sec	0.428 sec	0.214 sec
0.280 g	0.411 g	0.267 g
0.001 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.5 Hz	7.3 Hz
4.5	4.3	4.4

Peak Vector Sum 0.3978 in/s at 0.196 sec

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

0.000333 psi
101.2 dB(L)
7.988 sec
N/A
✓ Passed
20.5 Hz
1272 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



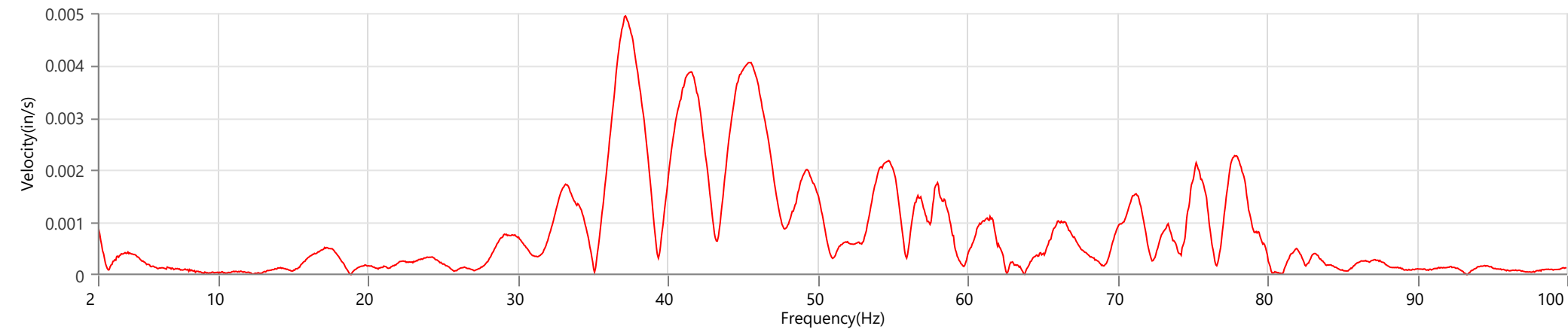
Waveform Trigger Source Vert at August 15, 2025 11:40:07
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20250815114007.IDFW
USB Sensor Support Disabled

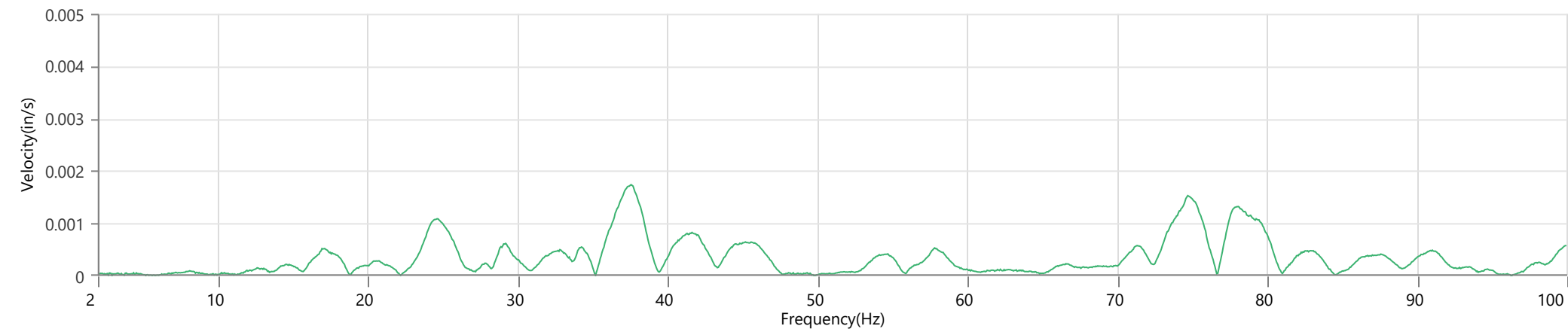
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

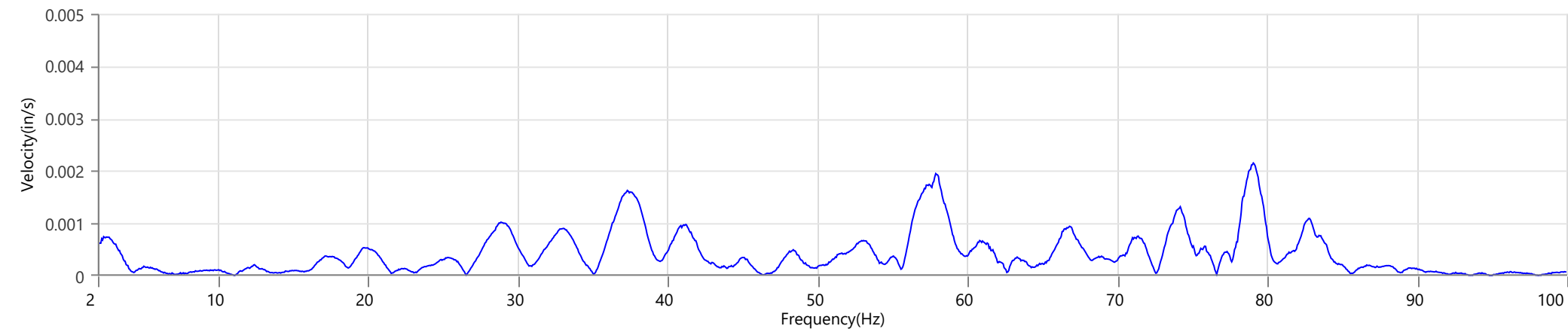
Tran - Dominant Frequency 37.2 Hz, Amplitude 0.0049 in/s (Peak Particle Velocity: 0.3897 in/s)



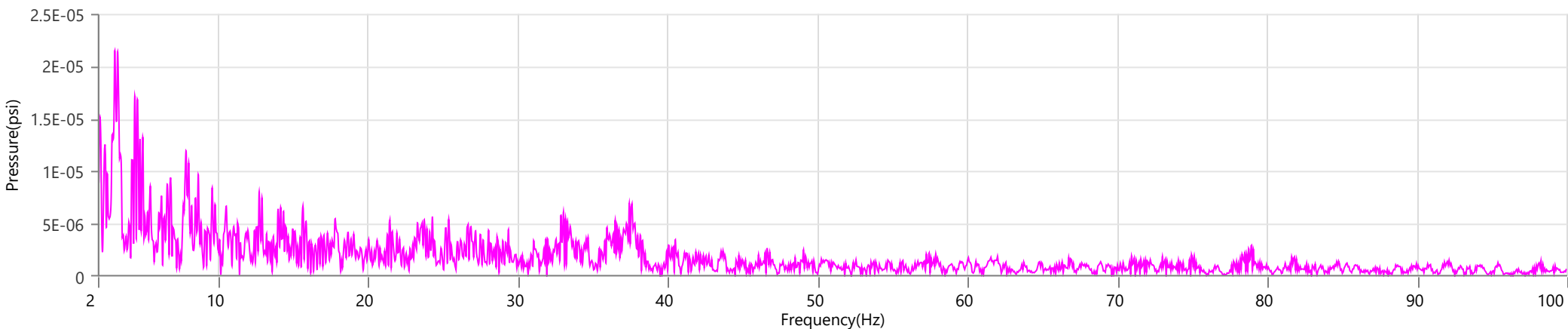
Vert - Dominant Frequency 37.6 Hz, Amplitude 0.0017 in/s (Peak Particle Velocity: 0.2054 in/s)



Long - Dominant Frequency 79.1 Hz, Amplitude 0.0022 in/s (Peak Particle Velocity: 0.1809 in/s)



Mic - Dominant Frequency 3.1 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000333 psi)



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

Vert at August 15, 2025 11:40:08
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_20250815114008.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

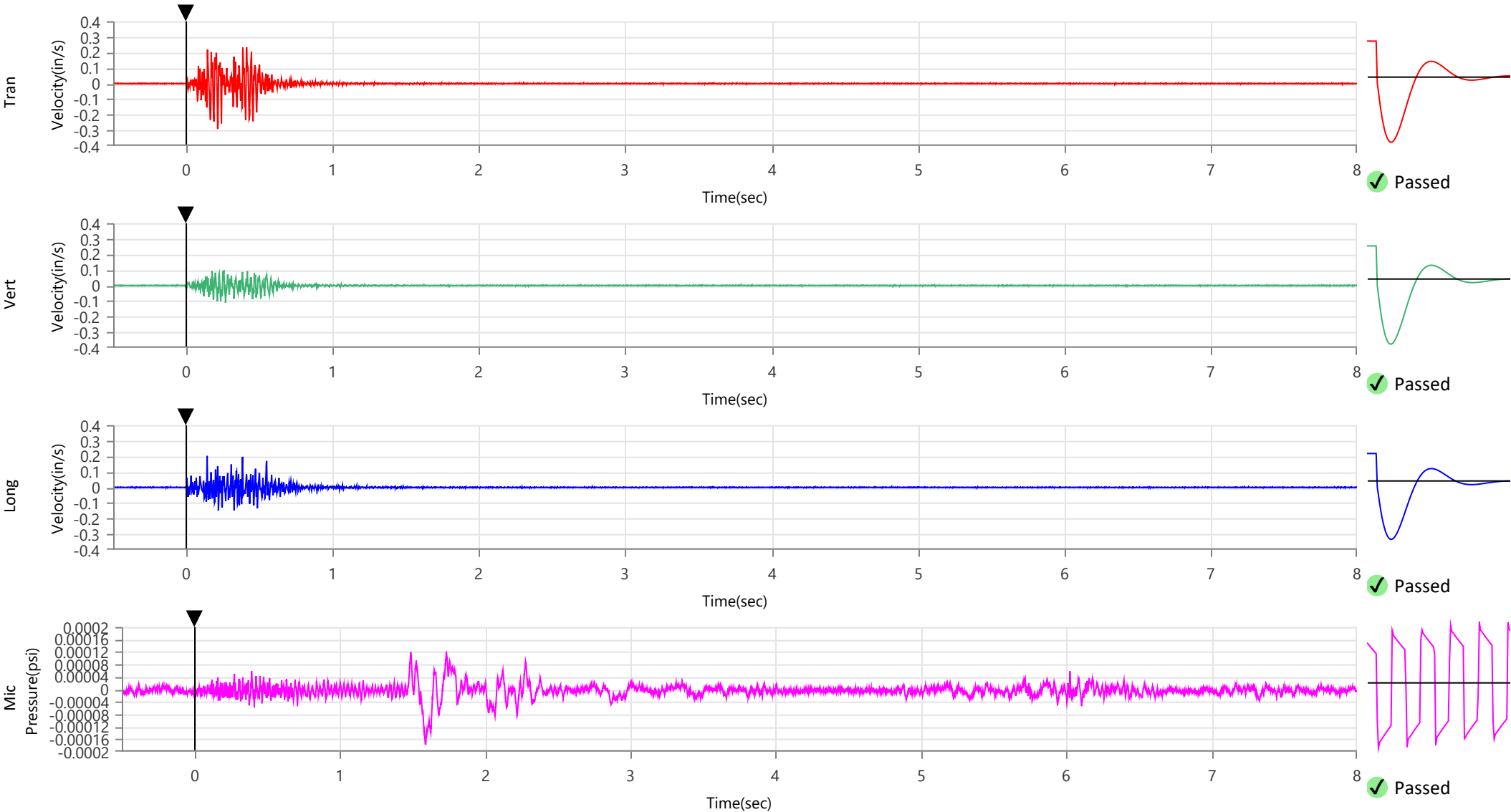
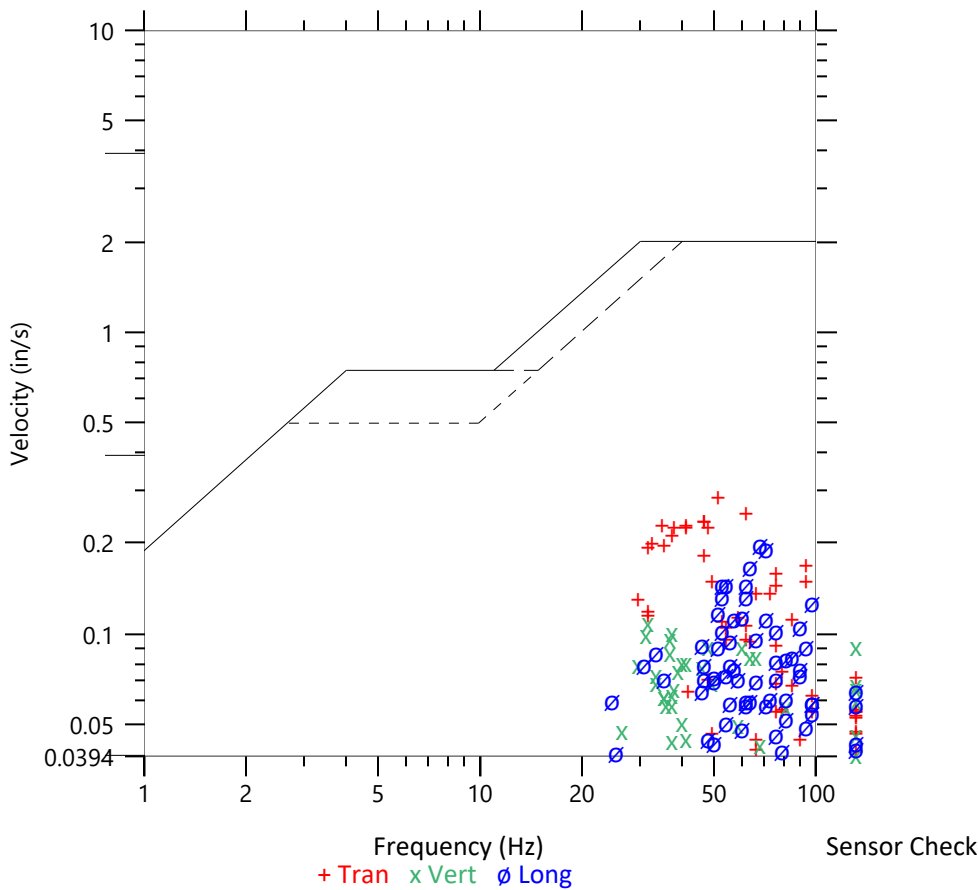
Tran	Vert	Long
0.2920 in/s	0.1114 in/s	0.2023 in/s
51.2 Hz	31.5 Hz	68.3 Hz
0.215 sec	0.268 sec	0.143 sec
0.346 g	0.145 g	0.240 g
0.001 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	7.3 Hz
4.1	4.7	4.7

Peak Vector Sum 0.3228 in/s at 0.215 sec

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

0.000178 psi
95.7 dB(L)
1.591 sec
5.1 Hz
✓ Passed
20.5 Hz
1263 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 15, 2025 11:40:08
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

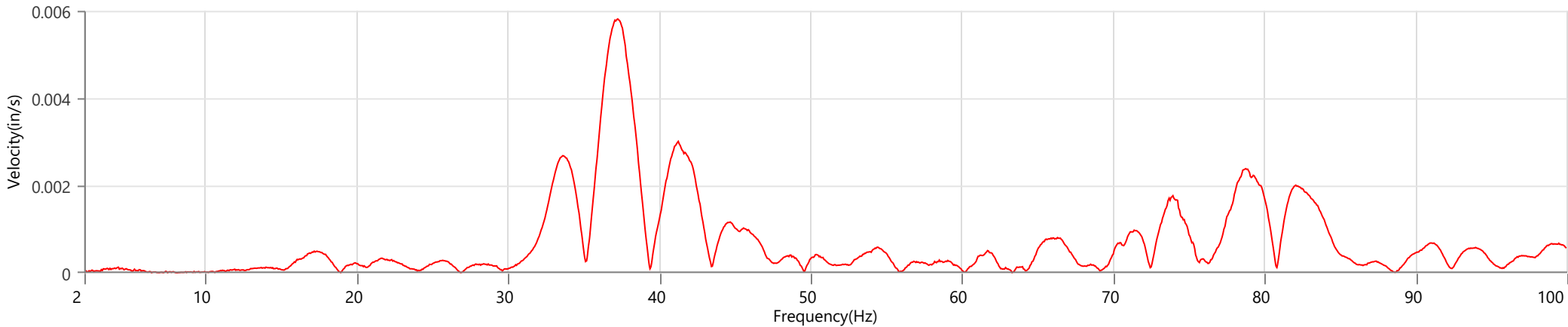
UM22233
Micromate ISEE 11.0AK
3.8 volts
February 20, 2025 by Instantel
UM22233_20250815114008.IDFW
Disabled

Notes
Location
Client
Company
General Notes

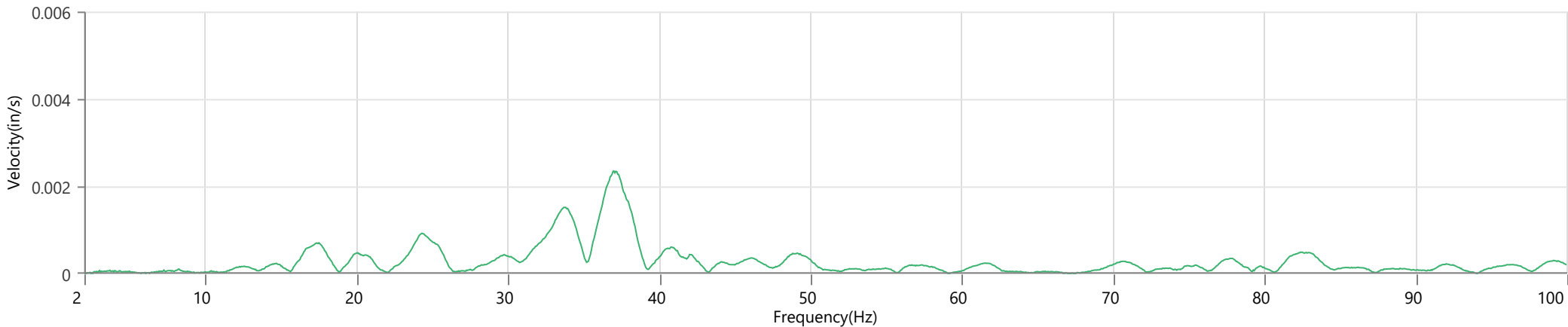
Station 4
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

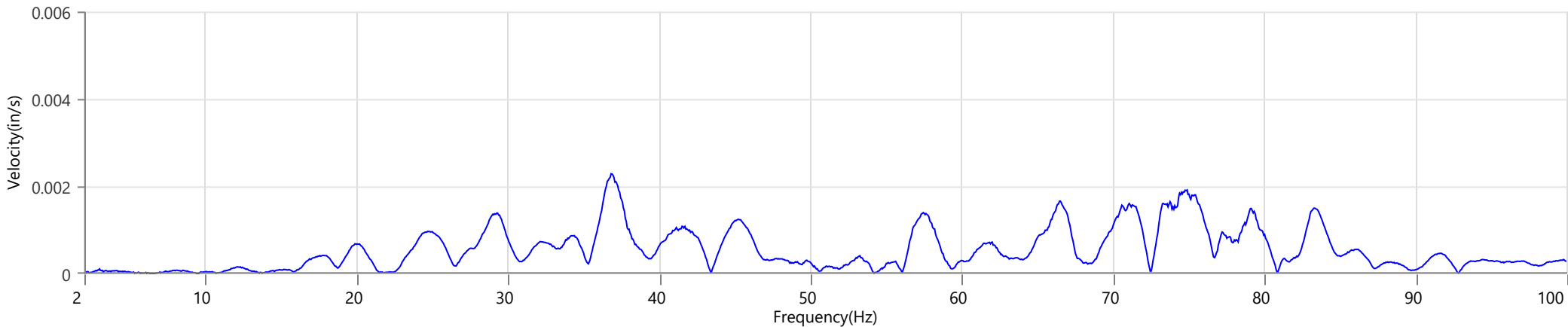
Tran - Dominant Frequency 37.2 Hz, Amplitude 0.0058 in/s (Peak Particle Velocity: 0.2920 in/s)



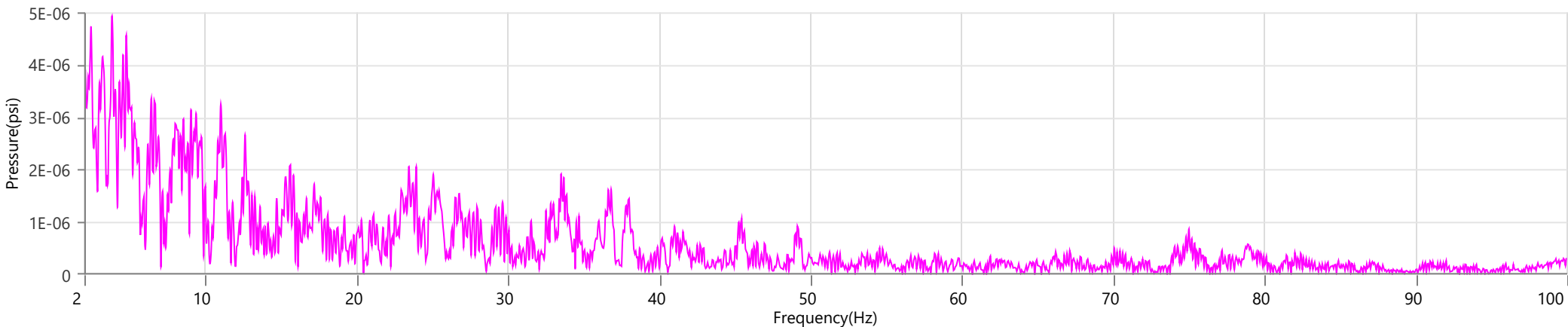
Vert - Dominant Frequency 37.0 Hz, Amplitude 0.0023 in/s (Peak Particle Velocity: 0.1114 in/s)



Long - Dominant Frequency 36.8 Hz, Amplitude 0.0023 in/s (Peak Particle Velocity: 0.2023 in/s)



Mic - Dominant Frequency 3.8 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000178 psi)



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

Tran at August 15, 2025 11:40:08
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_20250815114008.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

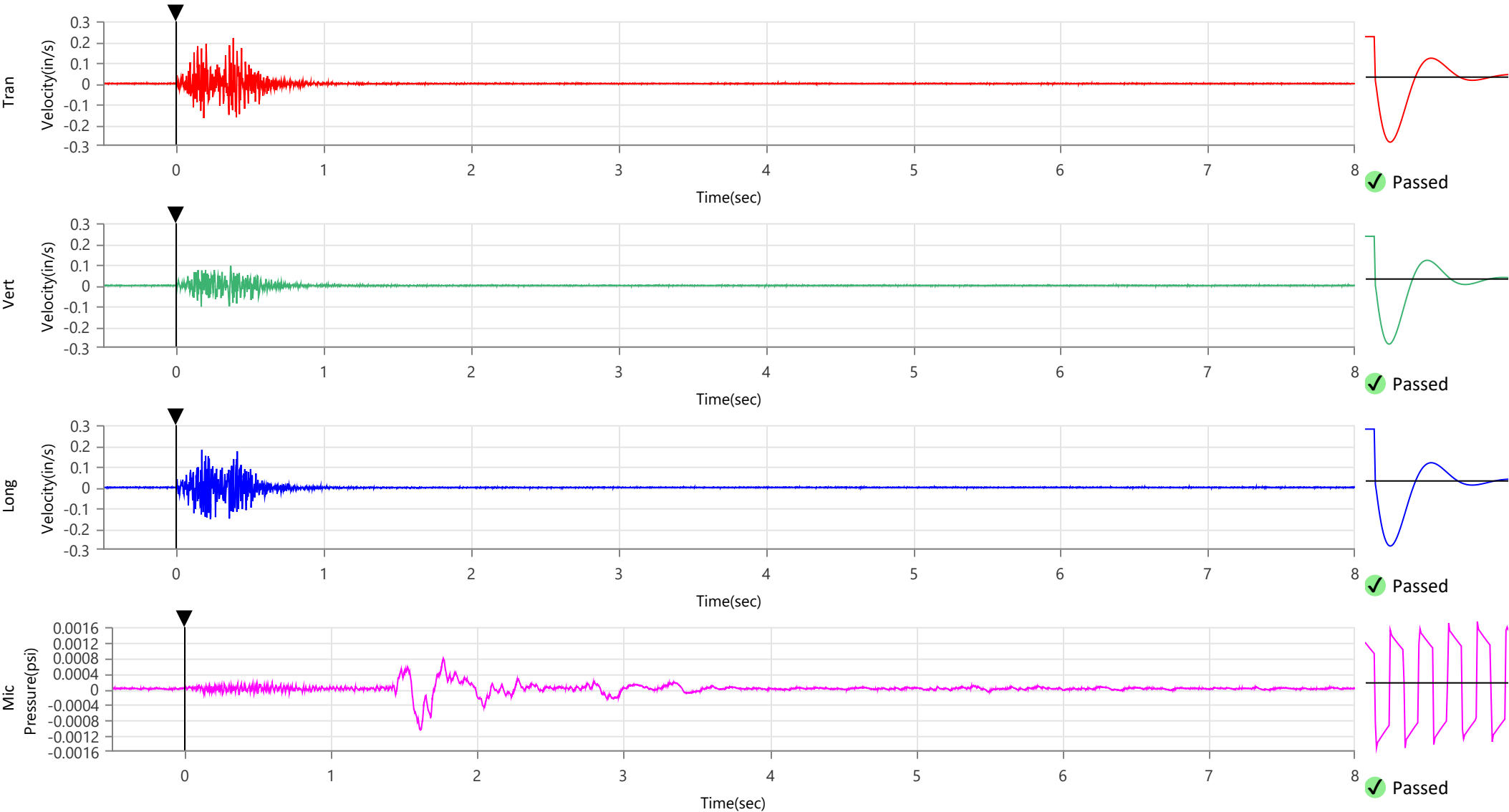
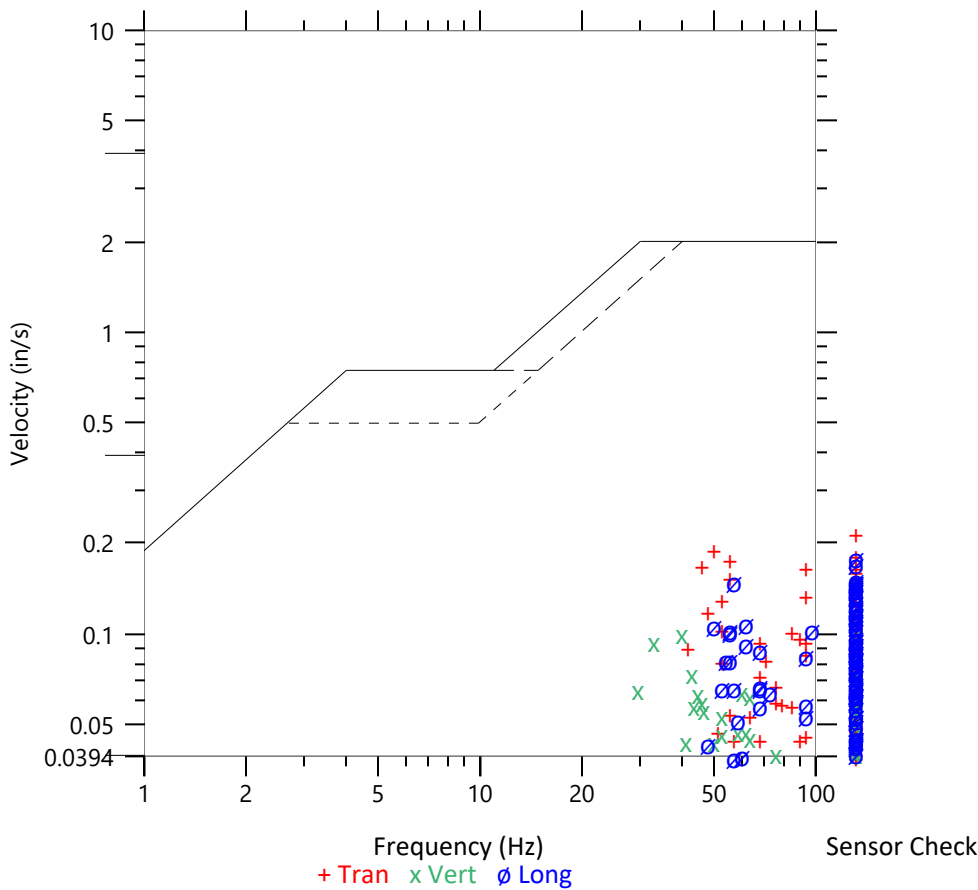
Tran	Vert	Long
0.2191 in/s	0.1018 in/s	0.1809 in/s
>100 Hz	>100 Hz	>100 Hz
0.384 sec	0.167 sec	0.170 sec
0.372 g	0.184 g	0.395 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.7 Hz	7.1 Hz
3.4	3.4	3.5

Peak Vector Sum 0.2442 in/s at 0.384 sec

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

0.001046 psi
111.1 dB(L)
1.611 sec
3.3 Hz
✓ Passed
19.7 Hz
1104 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



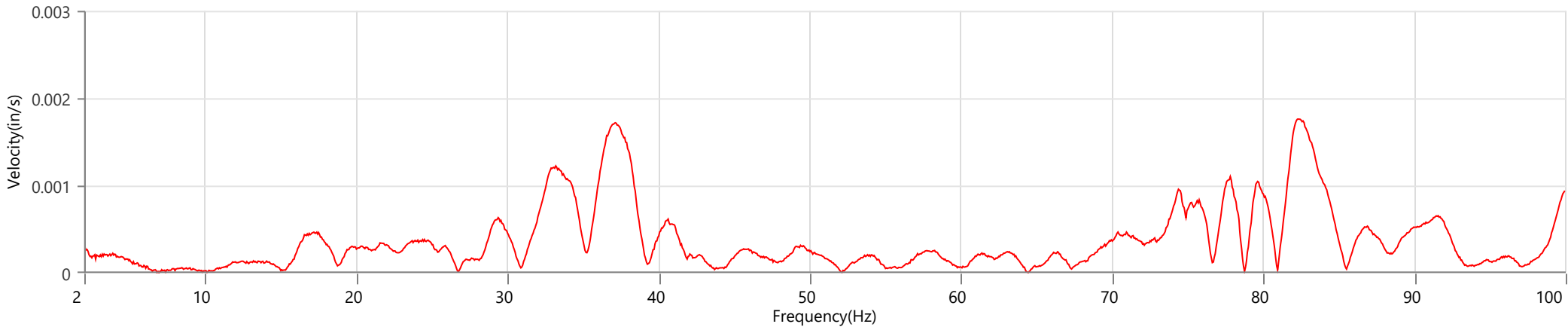
Waveform Trigger Source Tran at August 15, 2025 11:40:08
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

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_20250815114008.IDFW
USB Sensor Support Disabled

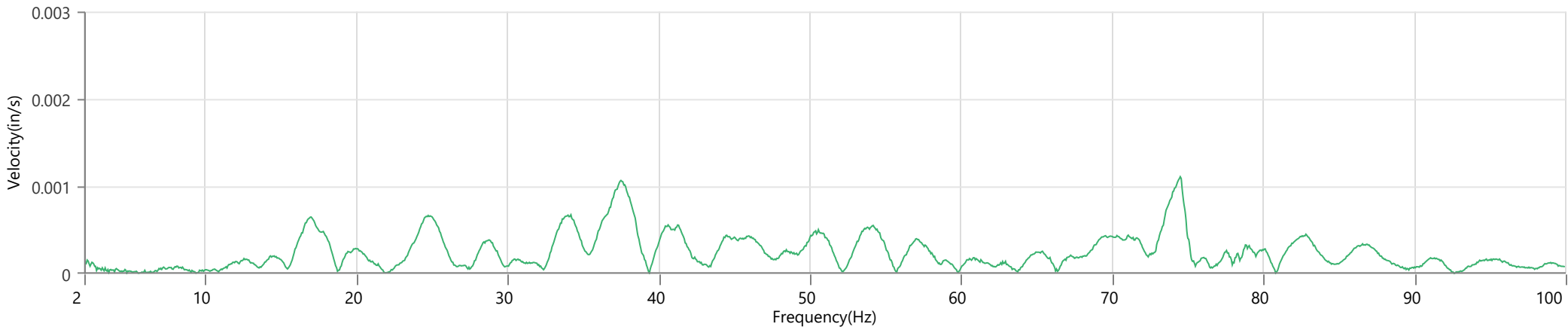
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

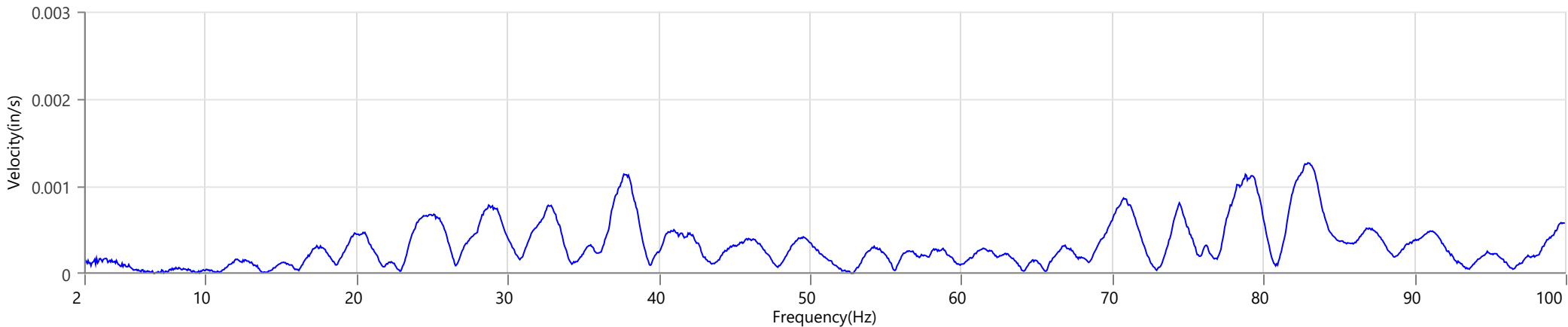
Tran - Dominant Frequency 82.3 Hz, Amplitude 0.0018 in/s (Peak Particle Velocity: 0.2191 in/s)



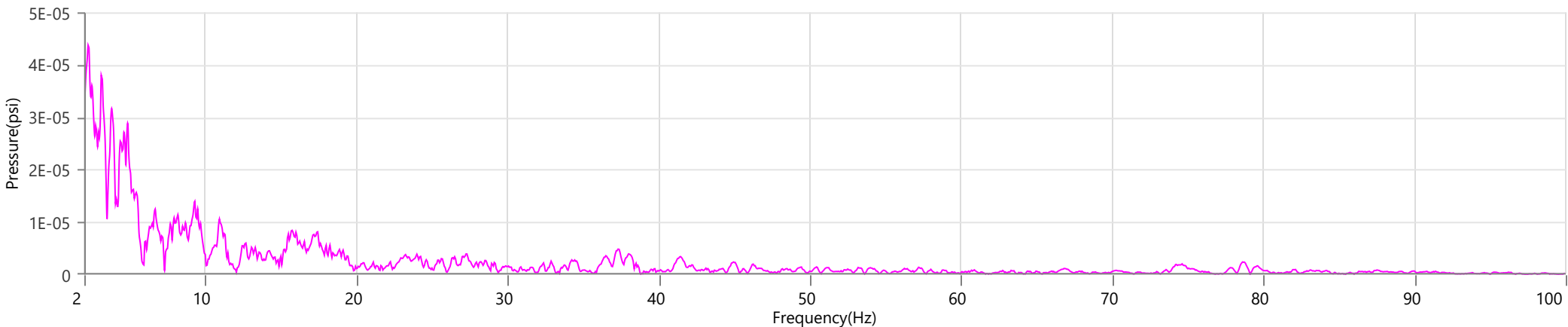
Vert - Dominant Frequency 74.5 Hz, Amplitude 0.0011 in/s (Peak Particle Velocity: 0.1018 in/s)



Long - Dominant Frequency 82.9 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.1809 in/s)



Mic - Dominant Frequency 2.2 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.001046 psi)



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

Vert at August 15, 2025 11:40:08
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 6.mmb
Operator

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

UM6470
Micromate ISEE 11.0AK
3.8 volts
May 1, 2025 by Instantel
UM6470_20250815114008.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.495113 W98.206539
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

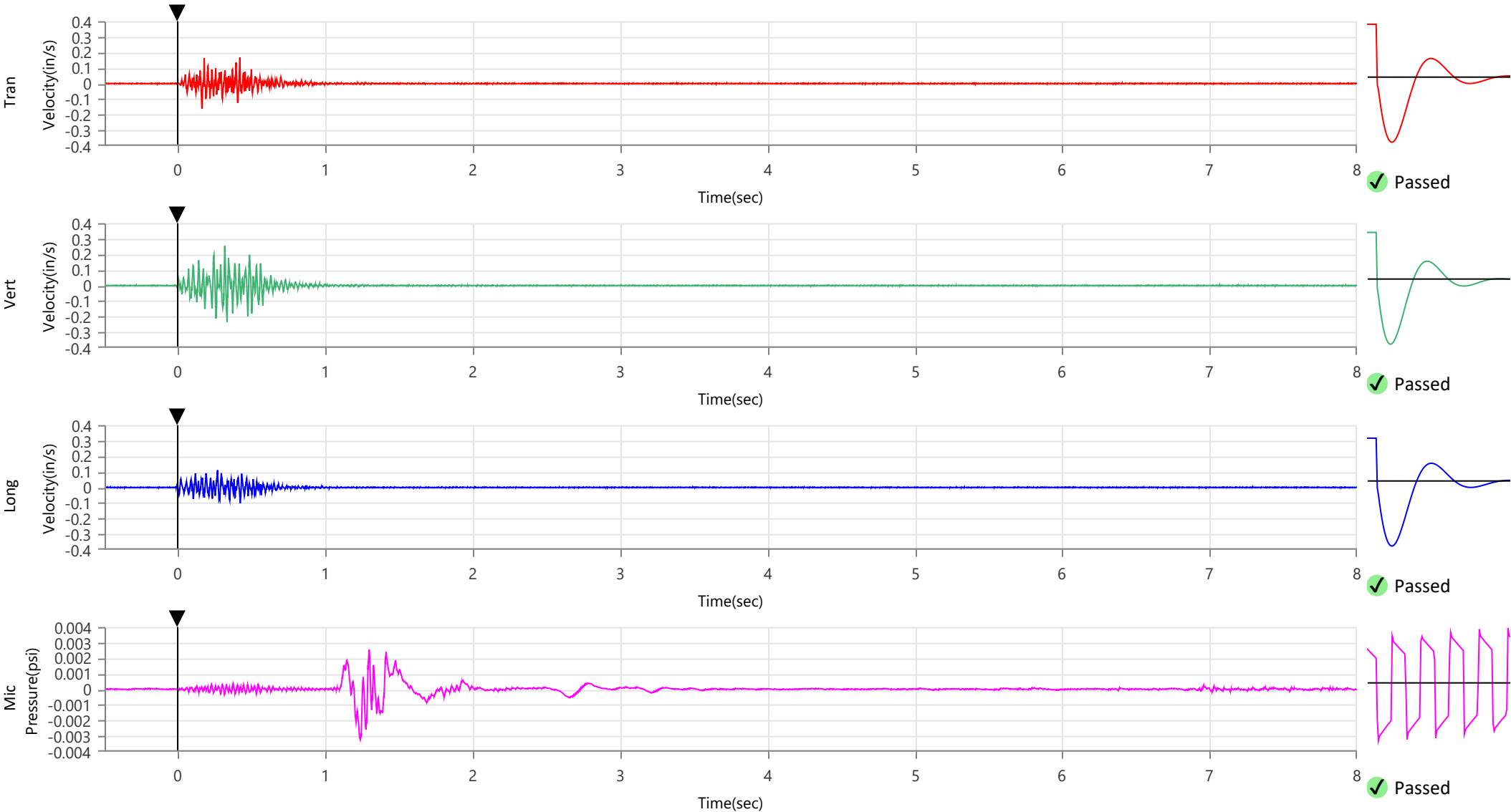
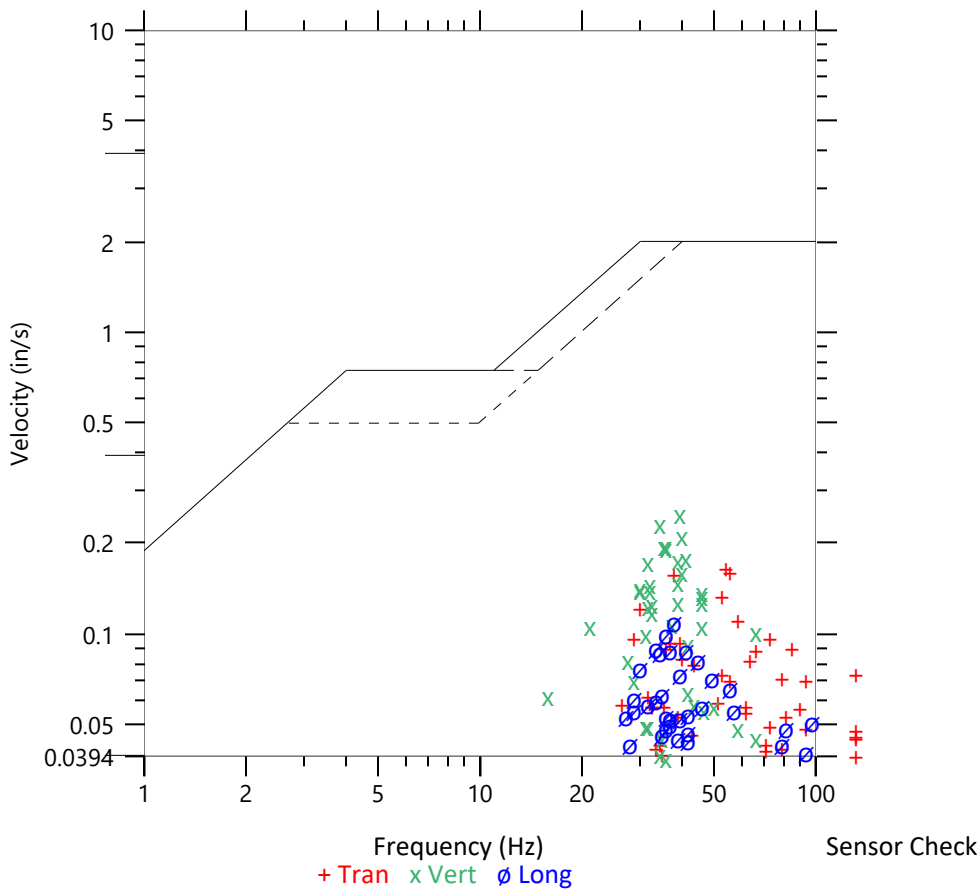
Tran	Vert	Long
0.1688 in/s	0.2538 in/s	0.1108 in/s
53.9 Hz	39.4 Hz	37.9 Hz
0.418 sec	0.315 sec	0.267 sec
0.158 g	0.178 g	0.125 g
0.001 in	0.001 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.9 Hz	7.3 Hz
3.4	3.6	3.6

Peak Vector Sum 0.2646 in/s at 0.316 sec

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

0.003236 psi
121.0 dB(L)
1.236 sec
8.6 Hz
✓ Passed
20.5 Hz
1324 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



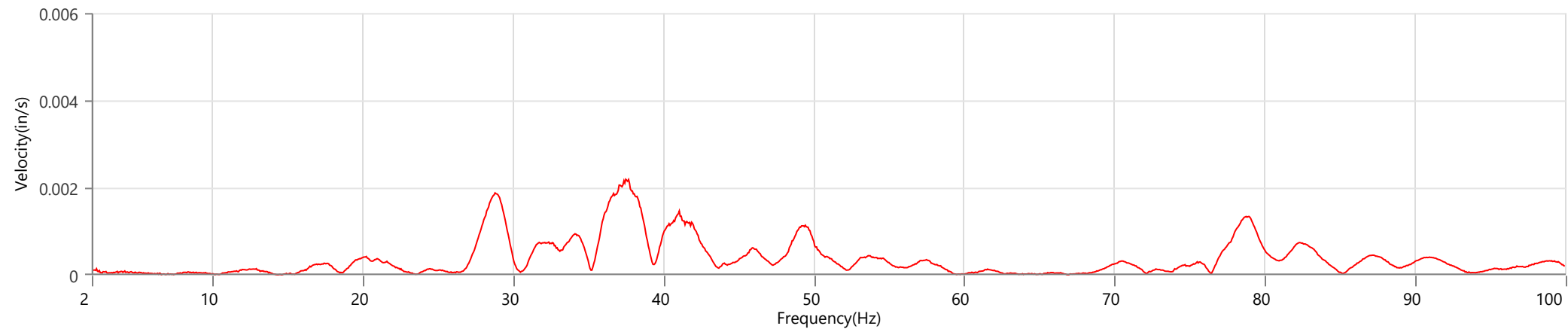
Waveform Trigger Source Vert at August 15, 2025 11:40:08
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

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_20250815114008.IDFW
USB Sensor Support Disabled

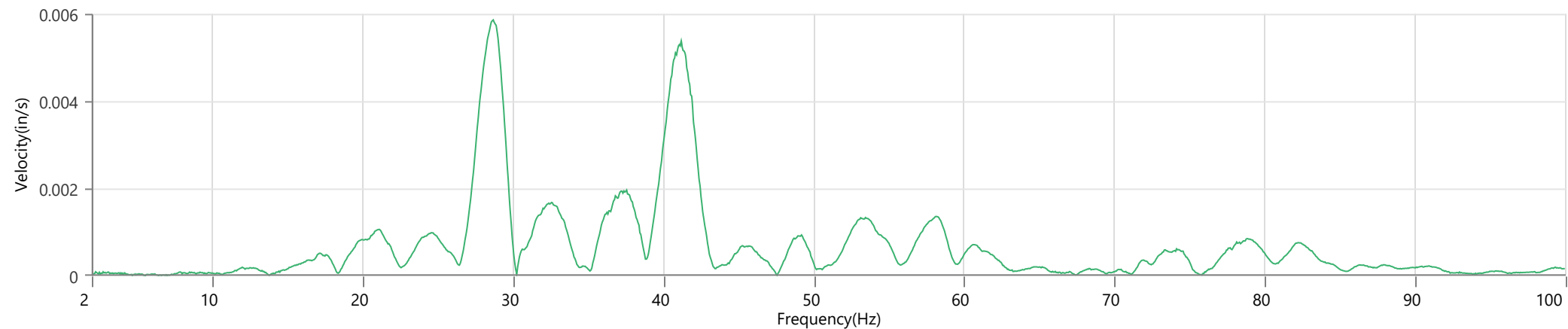
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

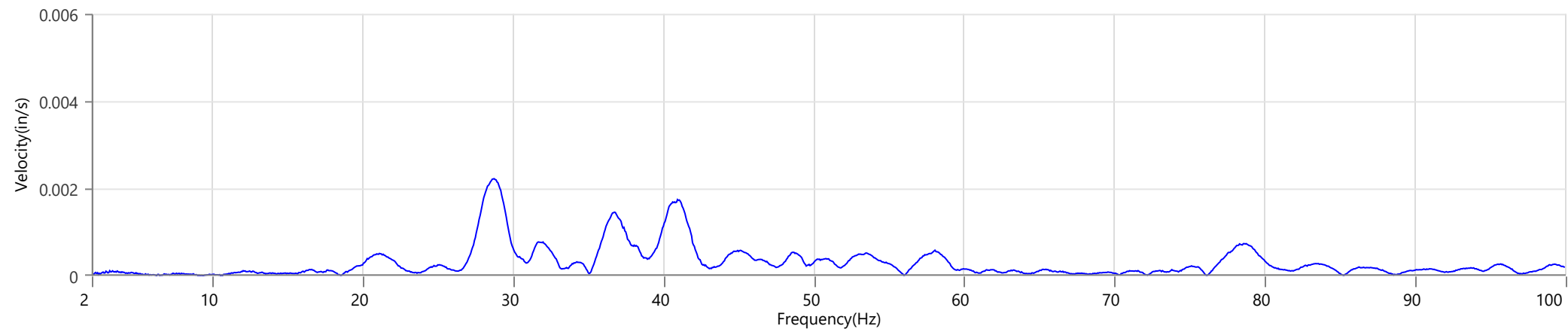
Tran - Dominant Frequency 37.5 Hz, Amplitude 0.0022 in/s (Peak Particle Velocity: 0.1688 in/s)



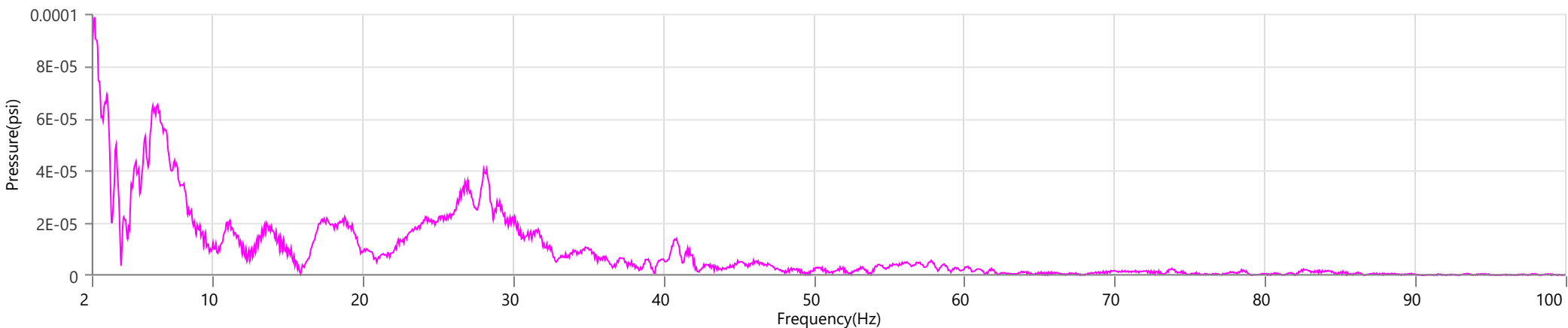
Vert - Dominant Frequency 28.7 Hz, Amplitude 0.0059 in/s (Peak Particle Velocity: 0.2538 in/s)



Long - Dominant Frequency 28.8 Hz, Amplitude 0.0022 in/s (Peak Particle Velocity: 0.1108 in/s)



Mic - Dominant Frequency 2.2 Hz, Amplitude 0.00010 psi (Peak Sound Pressure Level: 0.003236 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

August 15, 2025 00:00:05

August 15, 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_20250815000005.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

71.7 dB(A)

Aug 15, 2025

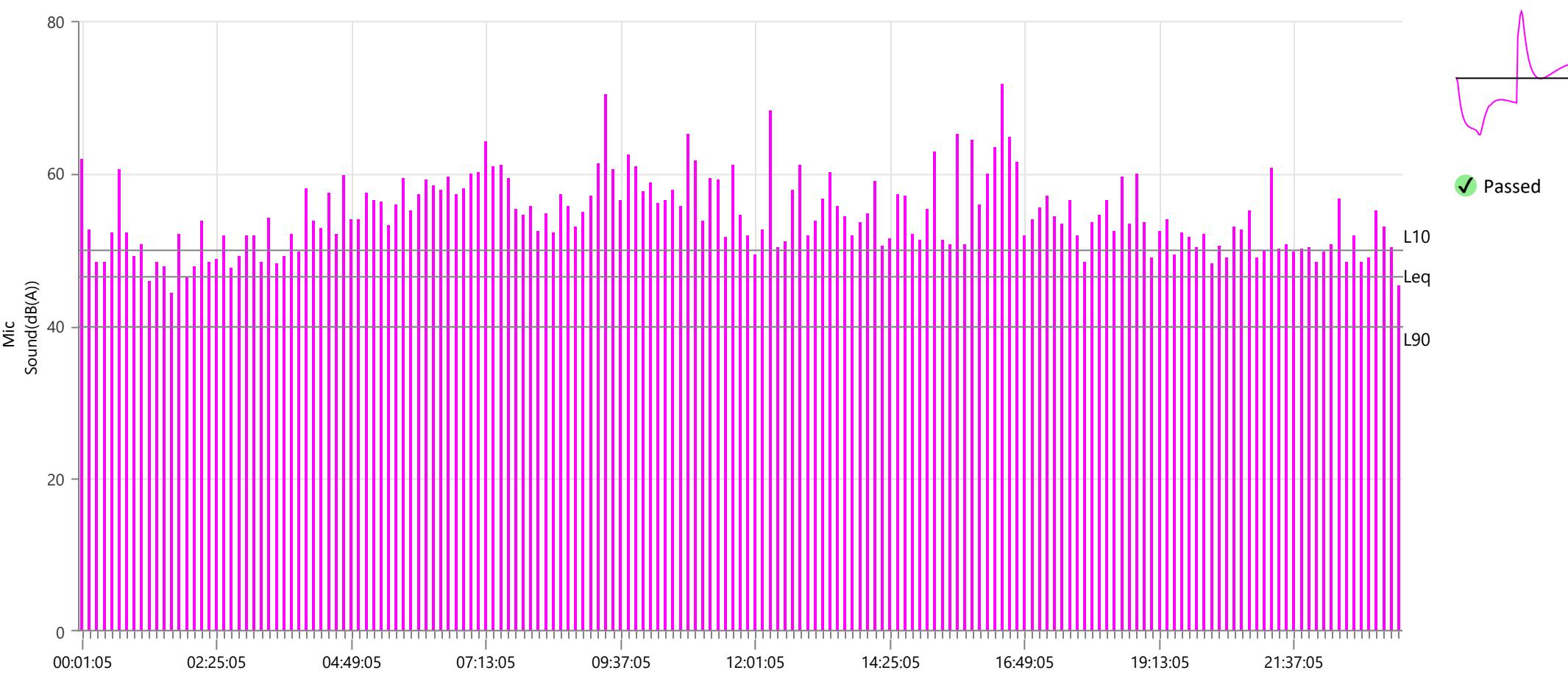
16:30:05

LMin L10 L90 Leq

35.0 50 40 46.5

✓ Passed

1078 mv



Start August 15, 2025 00:00:05
Finish August 15, 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

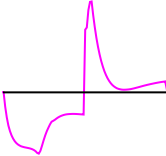
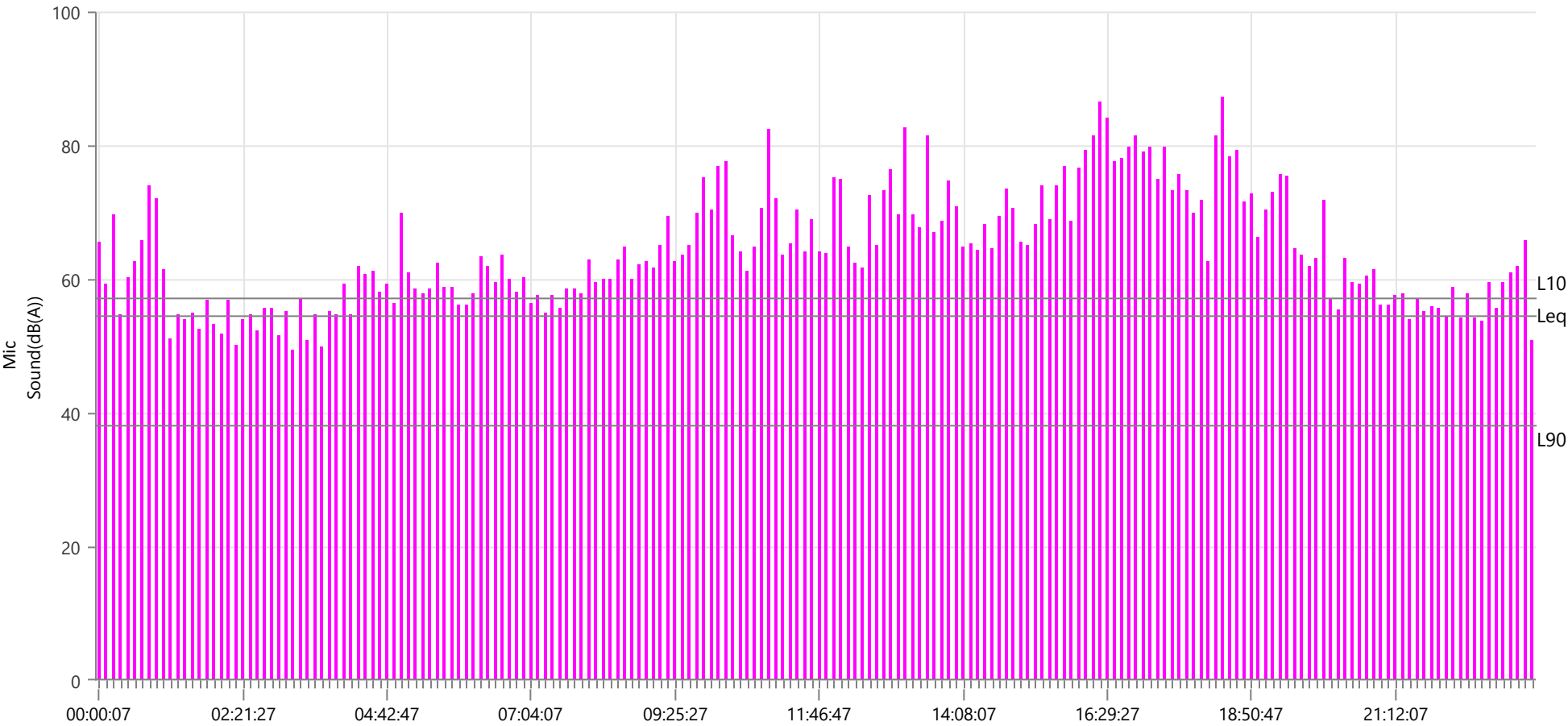
Serial Number UM8328
Model Number Micromate ISEE 11.0AK
Battery Level 3.8 volts
Unit Calibration May 22, 2025 by Instantel
Microphone Calibration UA10376, February 18, 2025 by Field
Event File Name Calibration
USB Sensor Support UM8328_20250815000005.IDFH
Disabled

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 87.2 dB(A)
Date Aug 15, 2025
Time 18:23:47
Sound(dB(A)) LMin L10 L90 Leq
Sensor Check 35.3 57 38 54.5
Test Amplitude ✓ Passed 950 mv

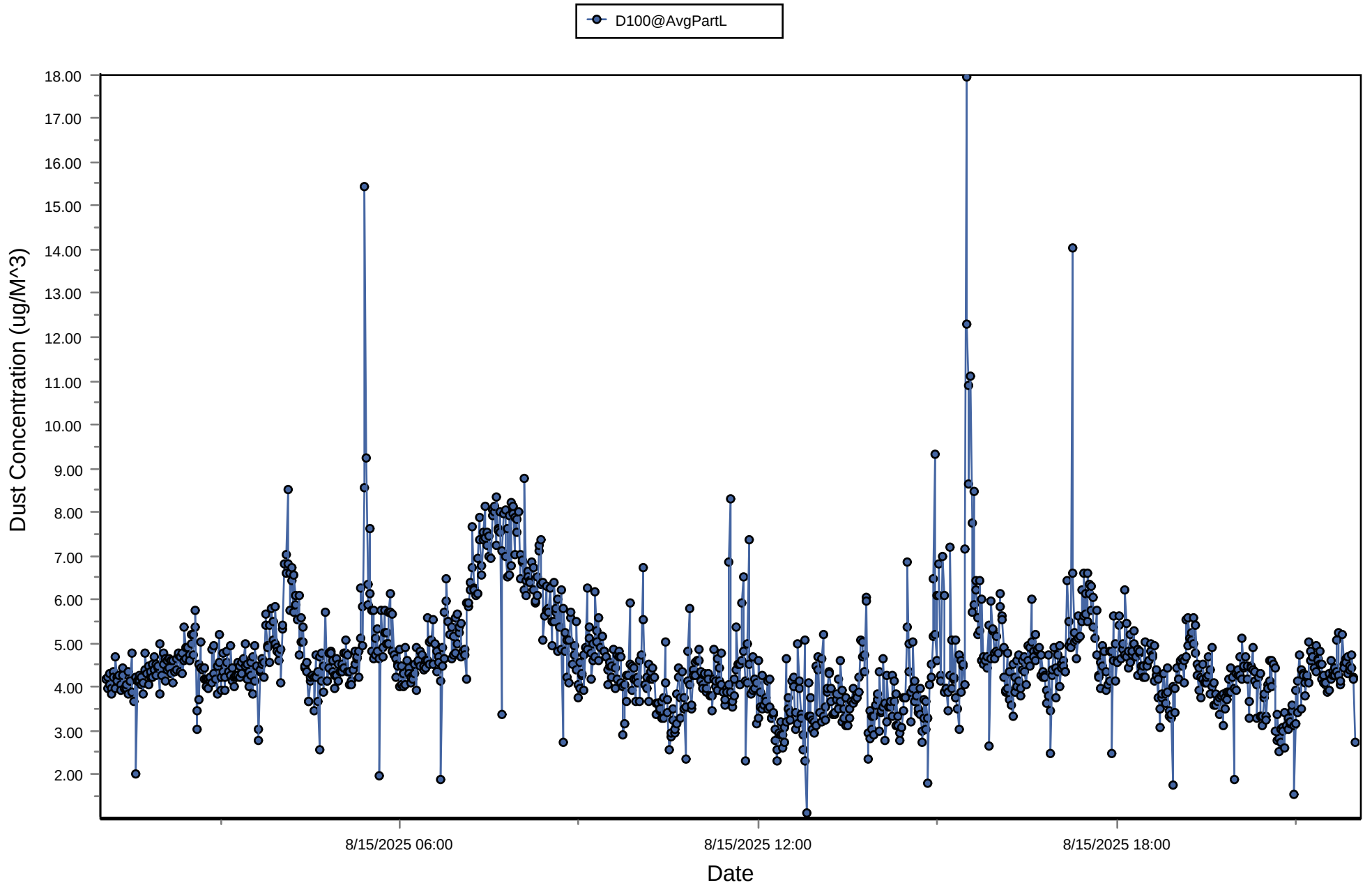
Sensor Check



✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

