

Waveform Trigger Source Long at January 16, 2026 11:04:51
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_20260116110451.IDFW
USB Sensor Support Disabled

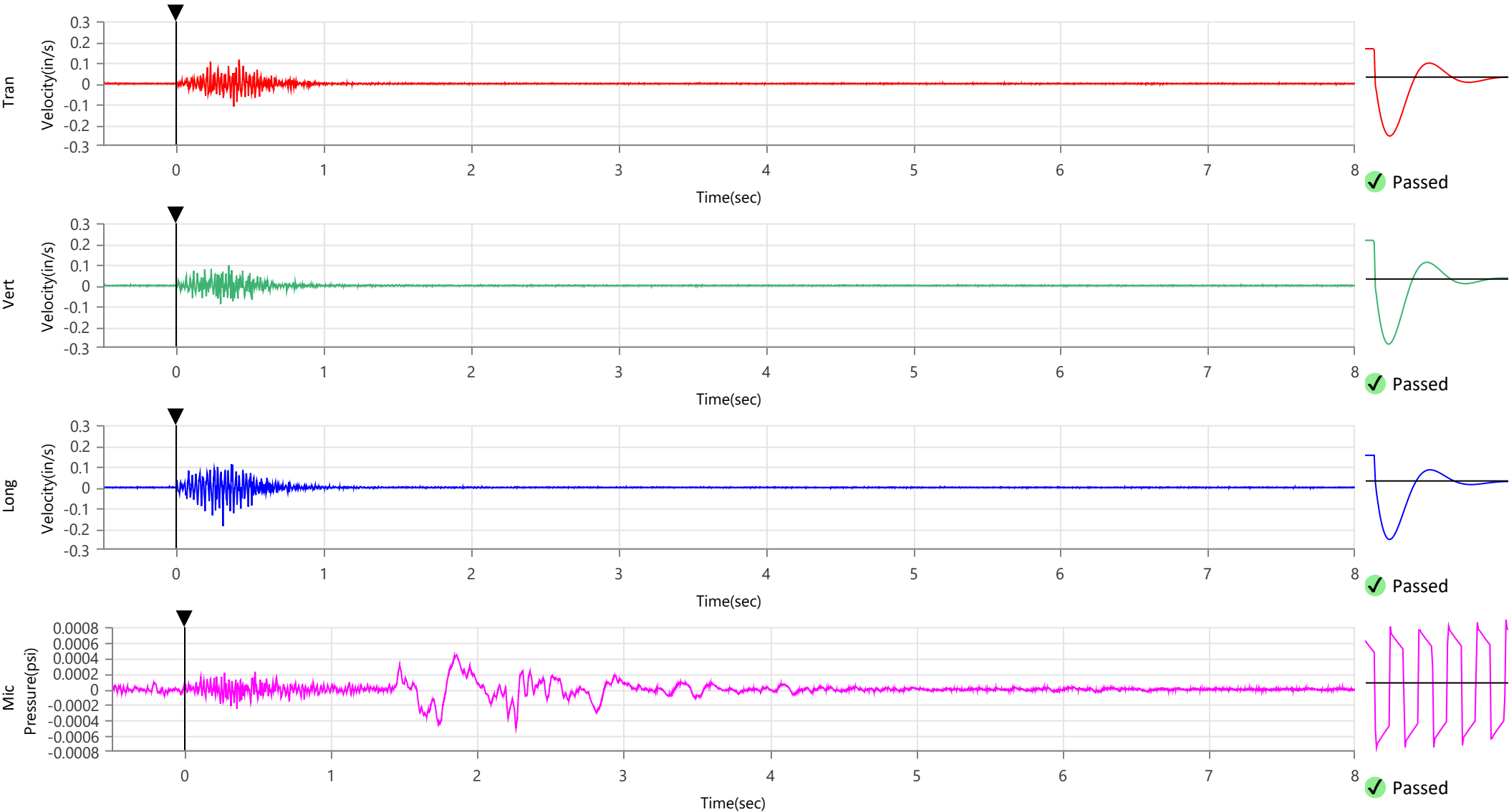
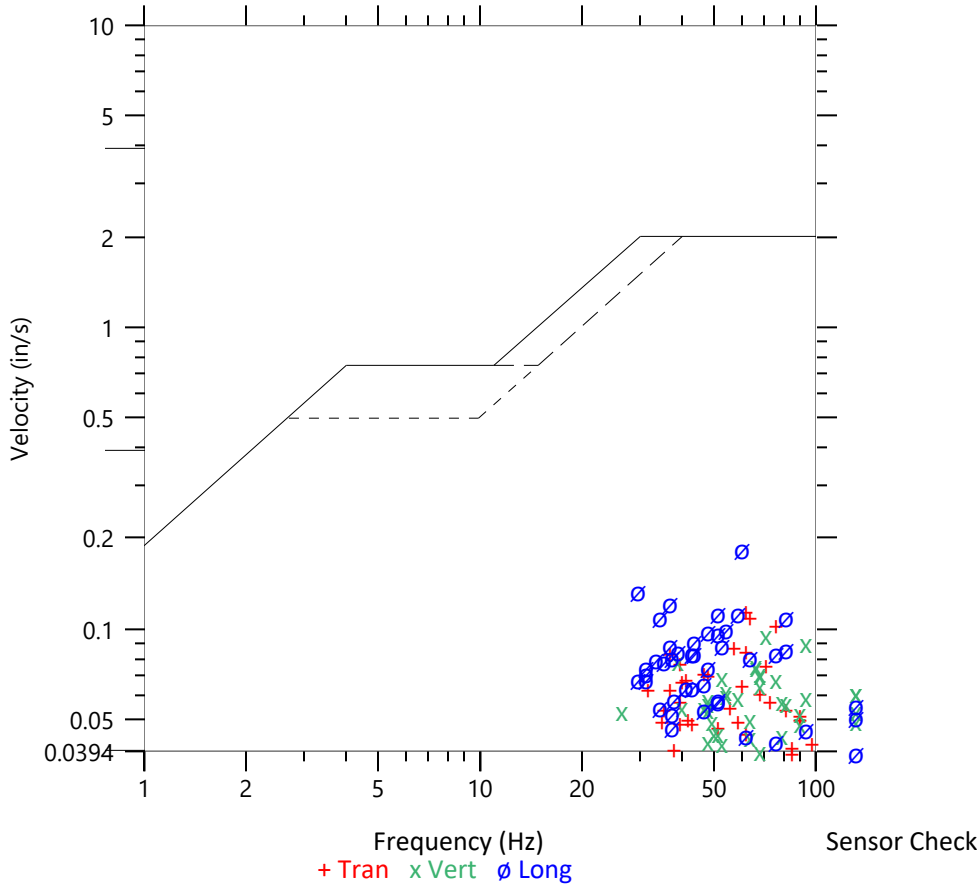
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1157 in/s	0.0965 in/s	0.1868 in/s
Zero Crossing Frequency	62.1 Hz	70.6 Hz	60.2 Hz
Time (Relative to Trigger)	0.424 sec	0.354 sec	0.314 sec
Peak Acceleration	0.142 g	0.128 g	0.188 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	4.1	3.8	5.2
Peak Vector Sum	0.1979 in/s at 0.314 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000497 psi
Peak Sound Pressure Level 104.7 dB(L)
Time (Relative to Trigger) 2.264 sec
Zero Crossing Frequency 5.7 Hz
Sensor Check ✓ Passed
Frequency 20.5 Hz
Test Amplitude 1507 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



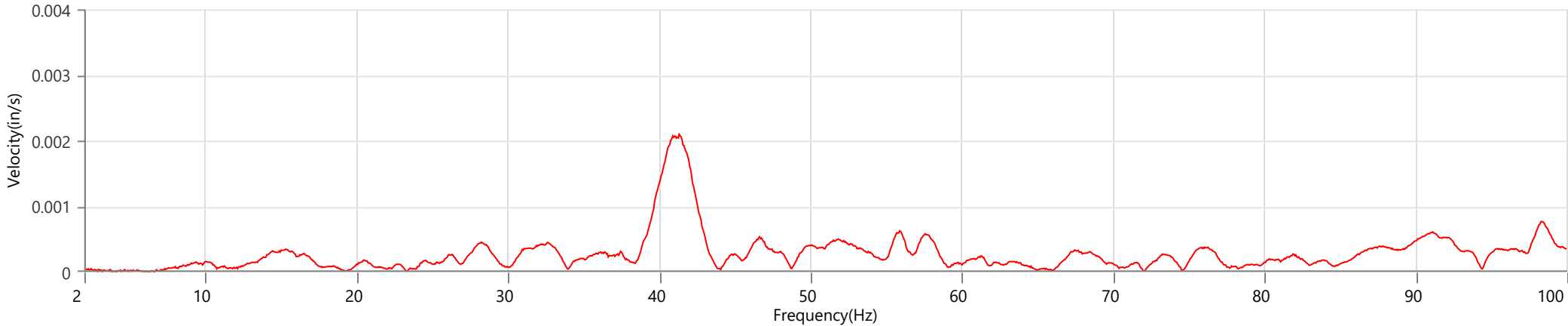
Waveform Trigger Source Long at January 16, 2026 11:04:51
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 2.mmb
Operator Operator

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_20260116110451.IDFW
USB Sensor Support Disabled

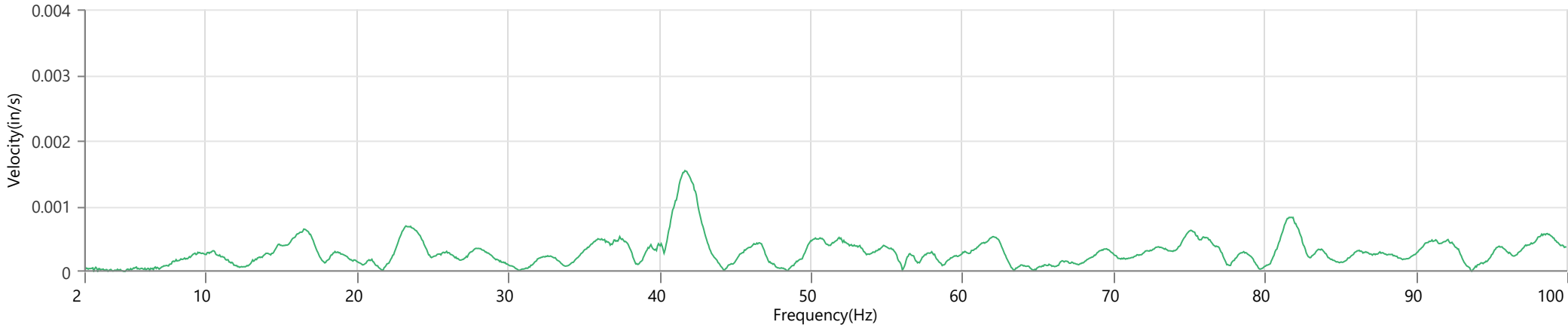
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

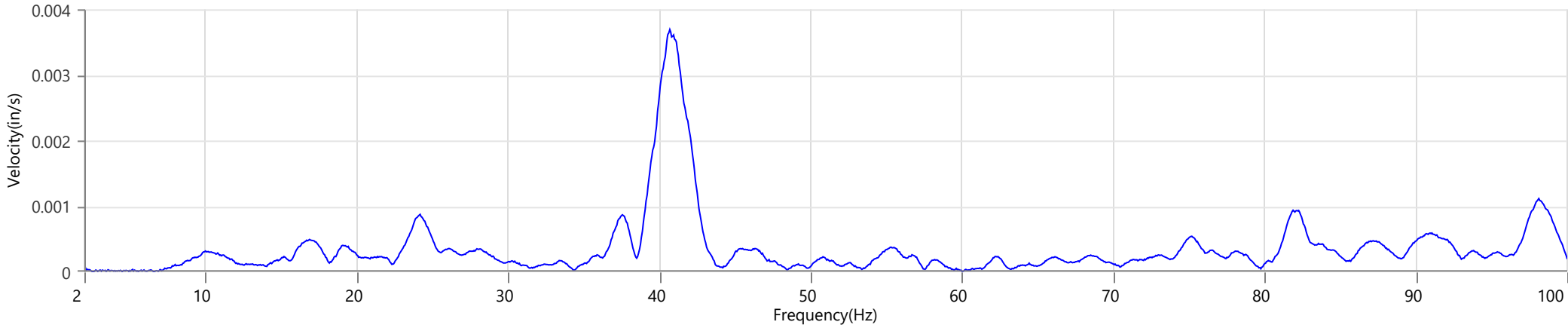
Tran - Dominant Frequency 41.3 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1157 in/s)



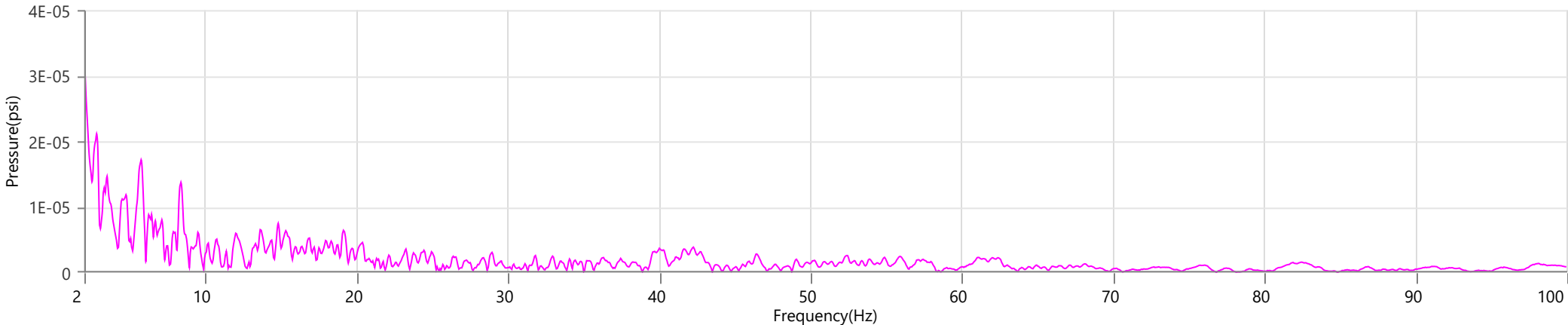
Vert - Dominant Frequency 41.7 Hz, Amplitude 0.0015 in/s (Peak Particle Velocity: 0.0965 in/s)



Long - Dominant Frequency 40.7 Hz, Amplitude 0.0037 in/s (Peak Particle Velocity: 0.1868 in/s)



Mic - Dominant Frequency 2.0 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000497 psi)



Waveform Trigger Source Long at January 16, 2026 11:04:50
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 UM6512
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration December 20, 2025 by Instantel
Event File Name UM6512_20260116110450.IDFW
USB Sensor Support Disabled

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

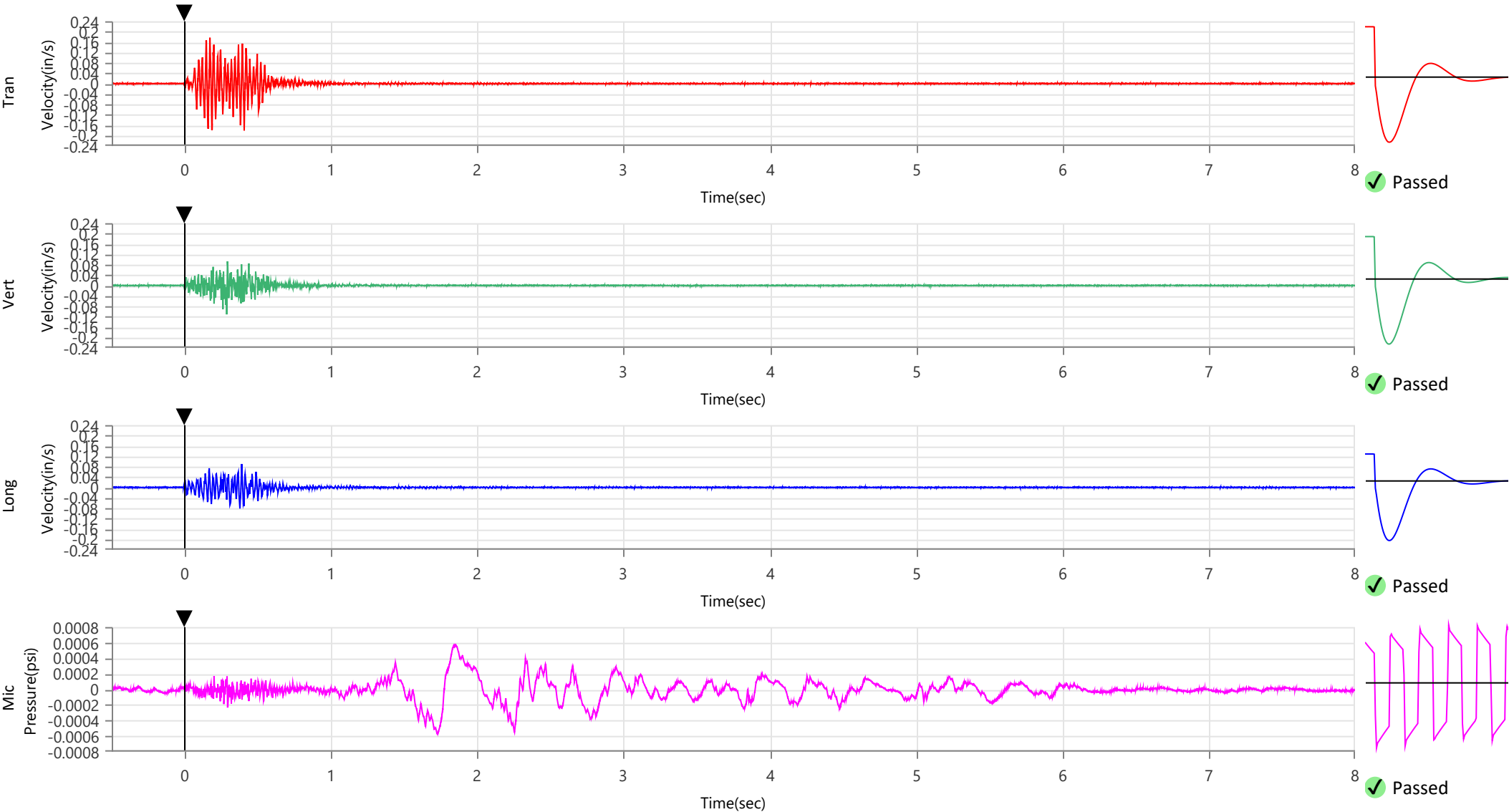
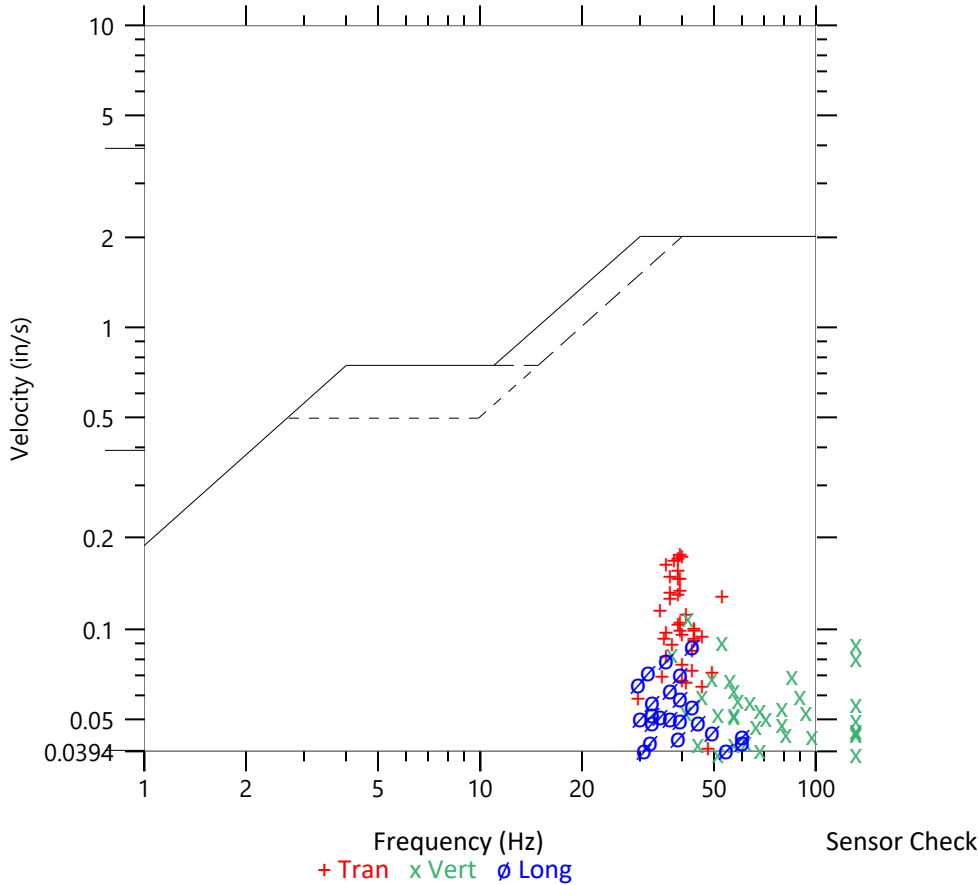
Extended Note N30.49742 W98.21566
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1809 in/s	0.1114 in/s	0.0903 in/s
Zero Crossing Frequency	39.4 Hz	41.8 Hz	42.7 Hz
Time (Relative to Trigger)	0.407 sec	0.286 sec	0.389 sec
Peak Acceleration	0.188 g	0.197 g	0.102 g
Peak Displacement	0.001 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.7	3.9	4.9

Peak Vector Sum 0.1984 in/s at 0.407 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.000572 psi
Peak Sound Pressure Level 105.9 dB(L)
Time (Relative to Trigger) 1.853 sec
Zero Crossing Frequency 1.9 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1649 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



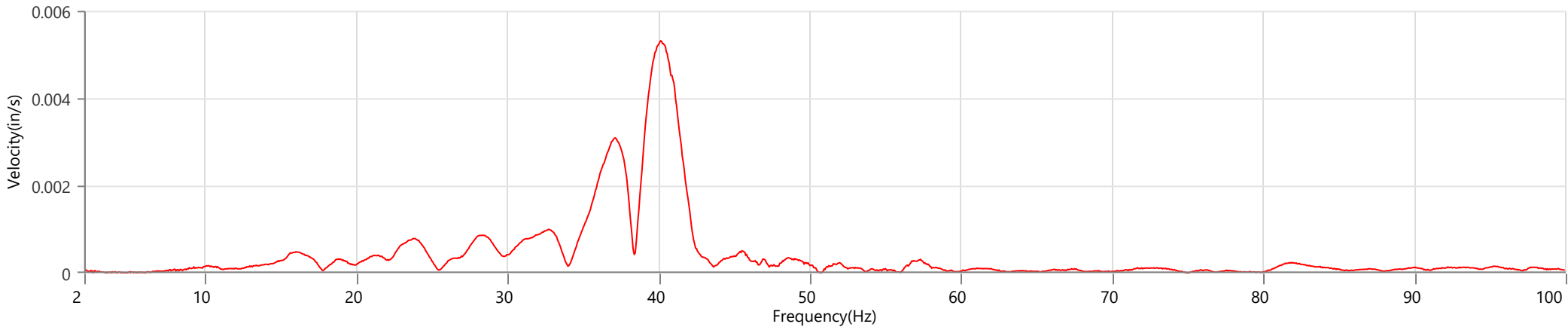
Waveform Trigger Source Long at January 16, 2026 11:04:50
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

Serial Number UM6512
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration December 20, 2025 by Instantel
Event File Name UM6512_20260116110450.IDFW
USB Sensor Support Disabled

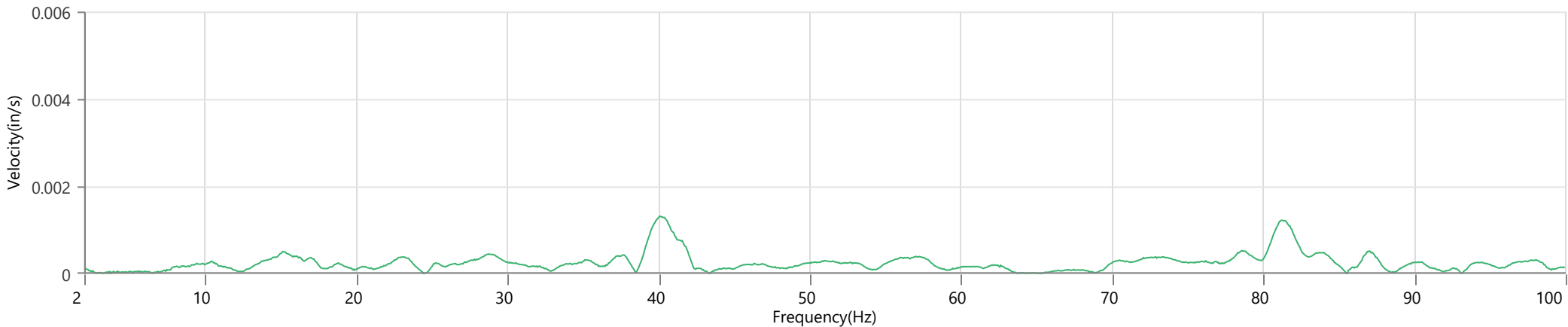
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

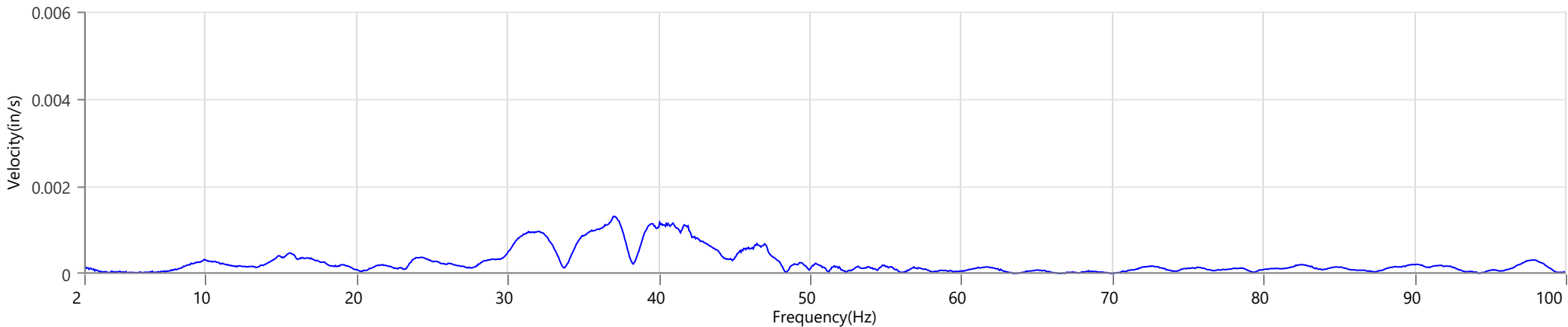
Tran - Dominant Frequency 40.1 Hz, Amplitude 0.0053 in/s (Peak Particle Velocity: 0.1809 in/s)



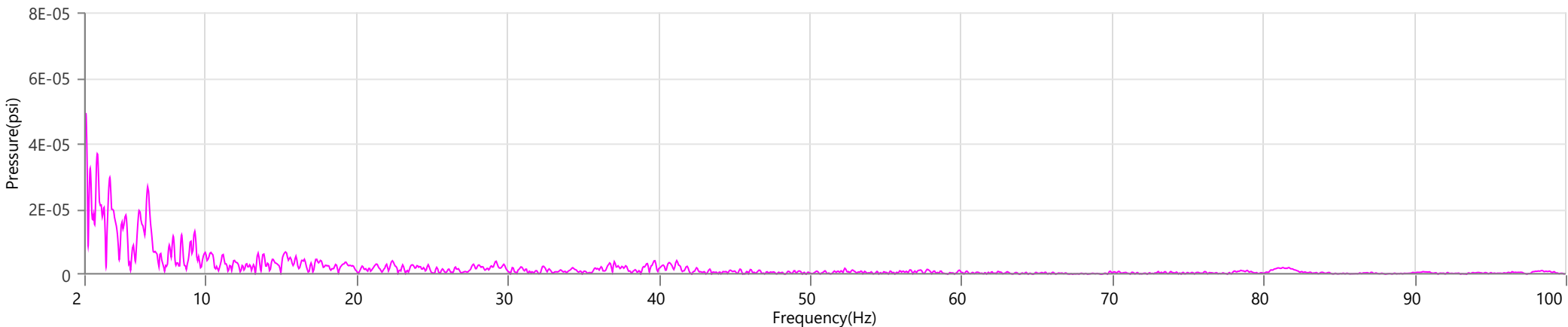
Vert - Dominant Frequency 40.1 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.1114 in/s)



Long - Dominant Frequency 37.0 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.0903 in/s)



Mic - Dominant Frequency 2.1 Hz, Amplitude 0.00005 psi (Peak Sound Pressure Level: 0.000572 psi)



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

Vert at January 16, 2026 11:04:51
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

UM21515
Micromate ISEE 11.0CB
3.8 volts
December 23, 2025 by Instantel
UM21515_20260116110451.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

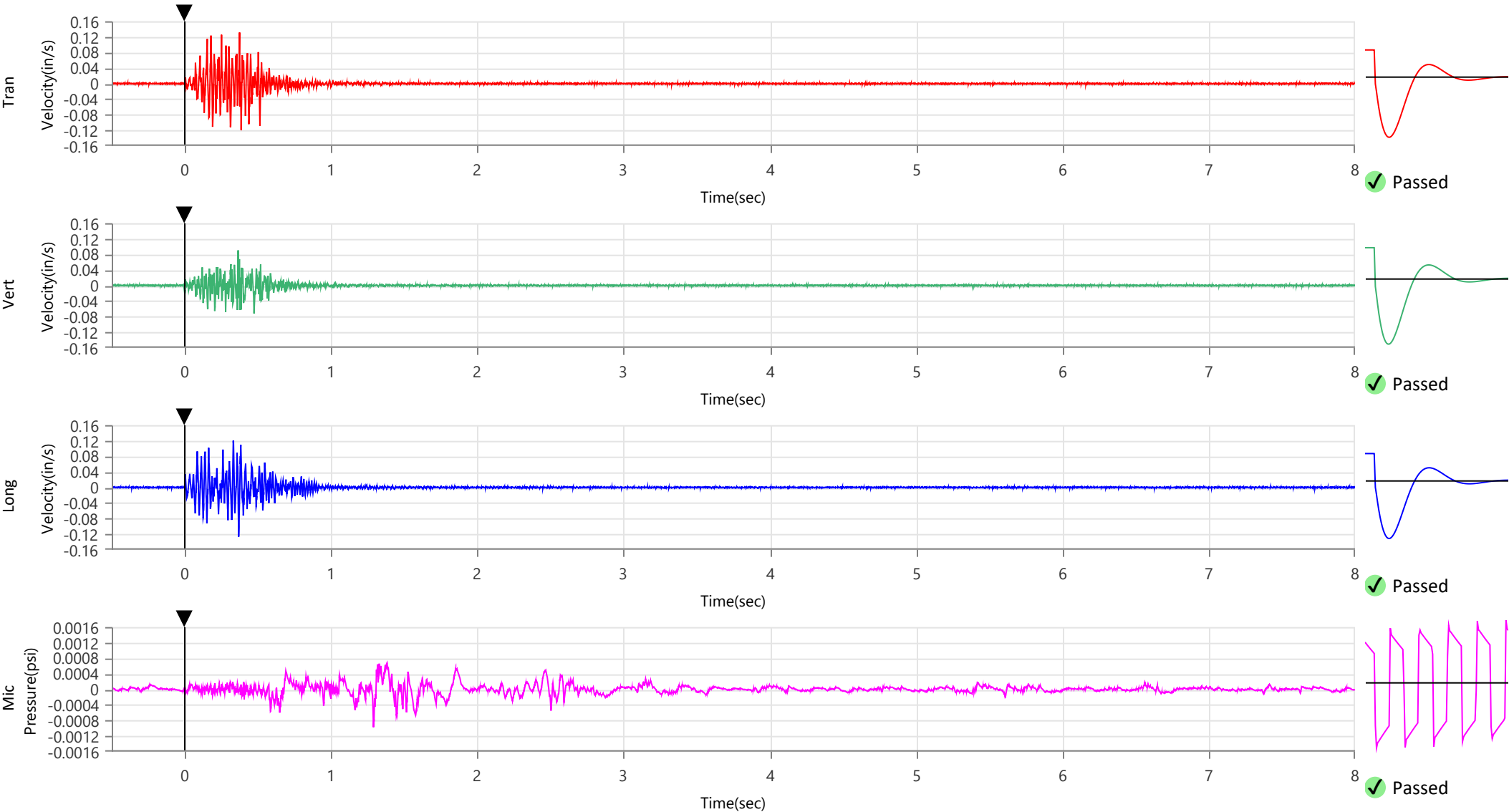
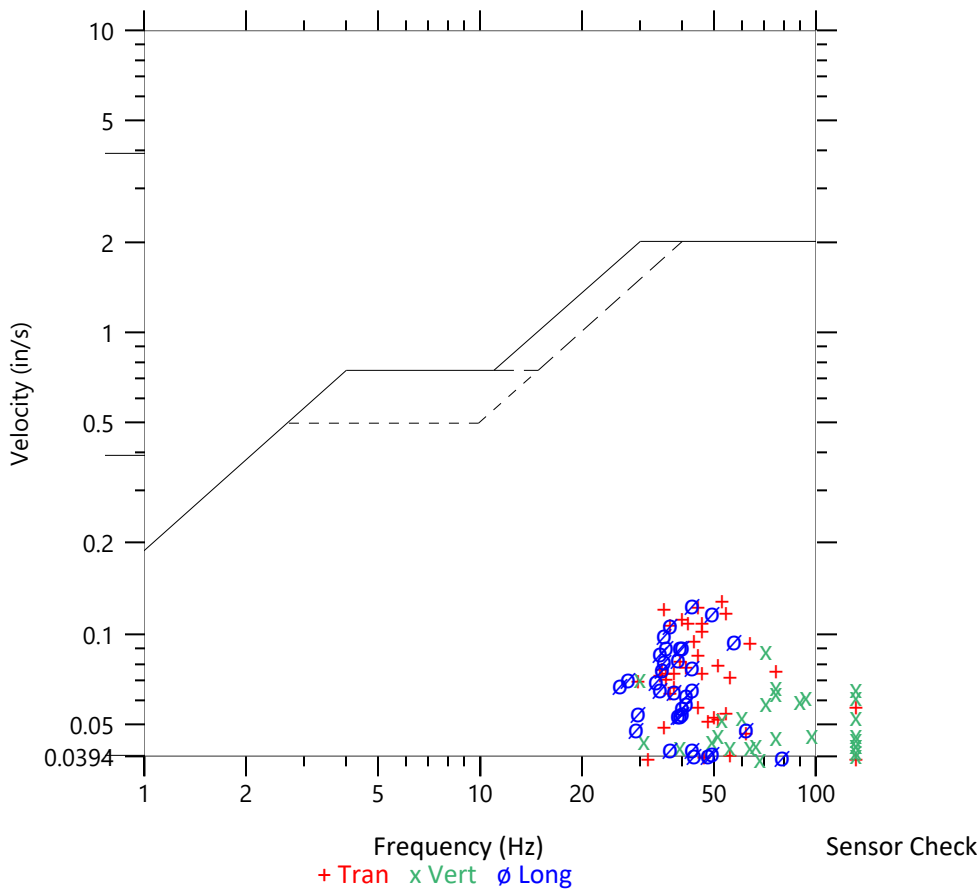
Tran	Vert	Long
0.1313 in/s	0.0903 in/s	0.1266 in/s
53.9 Hz	70.6 Hz	42.7 Hz
0.374 sec	0.365 sec	0.369 sec
0.197 g	0.142 g	0.125 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.5 Hz	7.3 Hz
4.7	4.6	4.3

Peak Vector Sum 0.1622 in/s at 0.385 sec

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

0.000974 psi
110.5 dB(L)
1.290 sec
17.1 Hz
✓ Passed
20.5 Hz
1517 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



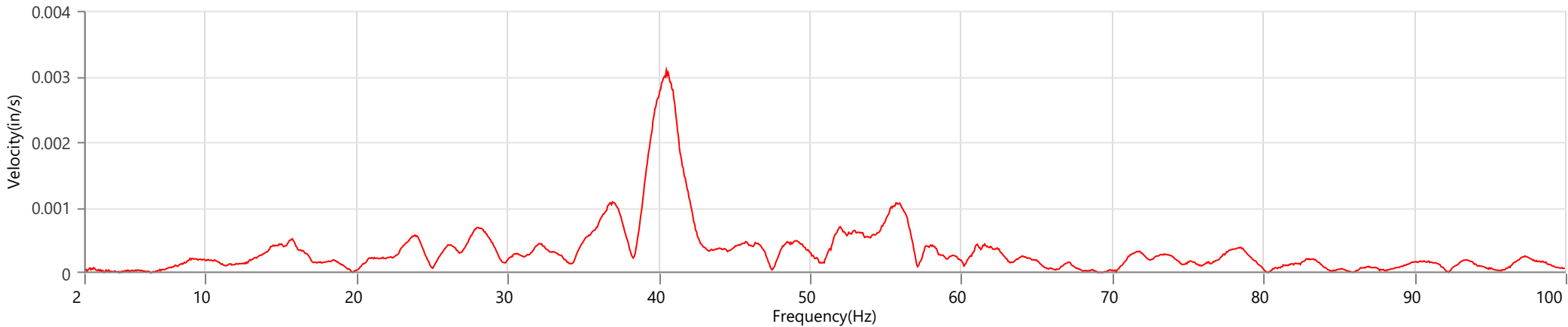
Waveform Trigger Source Vert at January 16, 2026 11:04:51
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

Serial Number UM21515
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration December 23, 2025 by Instantel
Event File Name UM21515_20260116110451.IDFW
USB Sensor Support Disabled

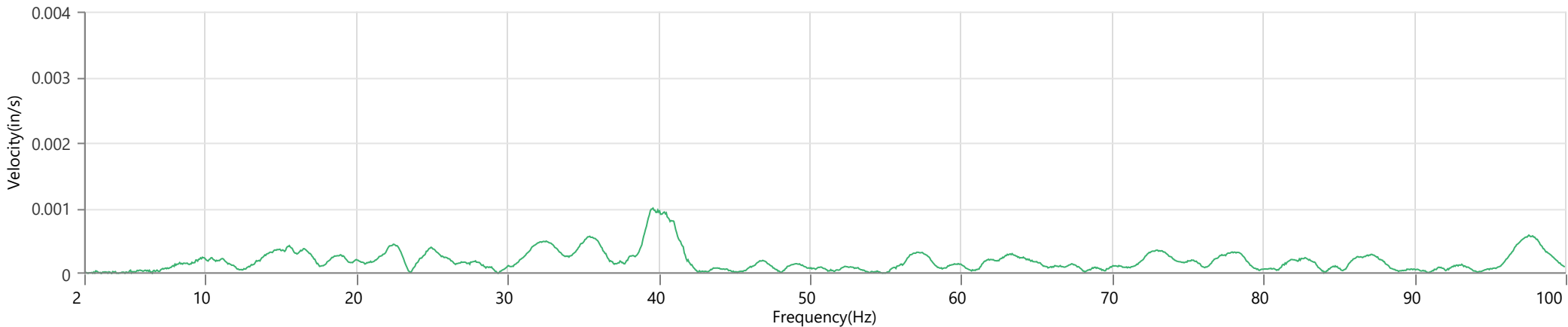
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

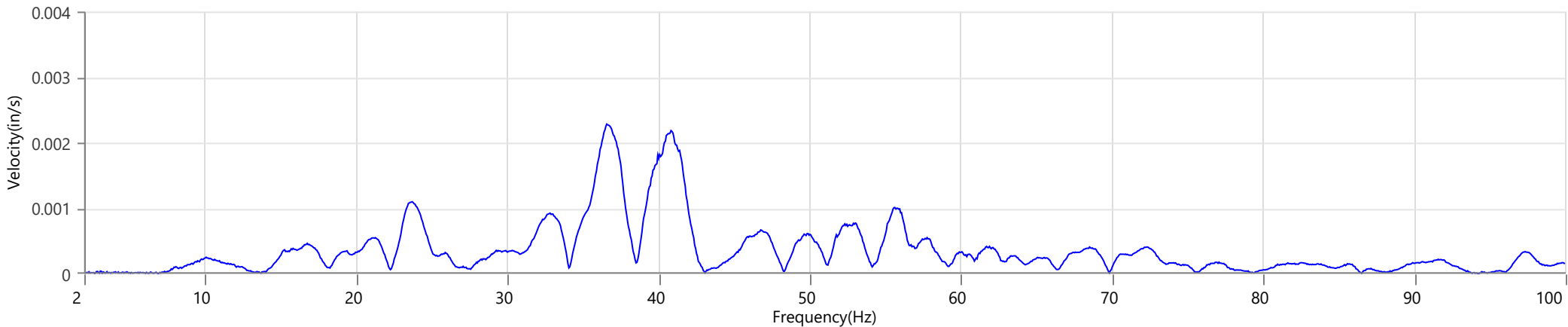
Tran - Dominant Frequency 40.5 Hz, Amplitude 0.0031 in/s (Peak Particle Velocity: 0.1313 in/s)



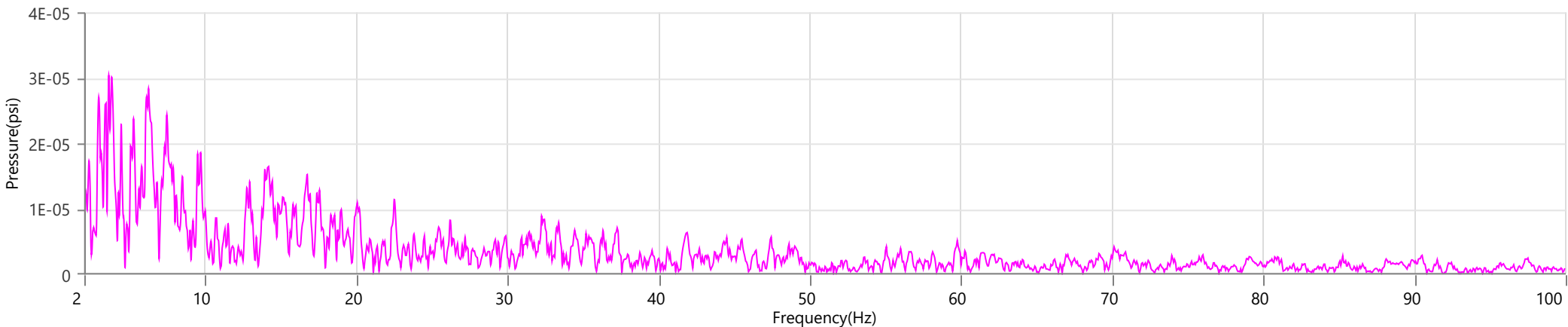
Vert - Dominant Frequency 39.6 Hz, Amplitude 0.0010 in/s (Peak Particle Velocity: 0.0903 in/s)



Long - Dominant Frequency 36.6 Hz, Amplitude 0.0023 in/s (Peak Particle Velocity: 0.1266 in/s)



Mic - Dominant Frequency 3.6 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000974 psi)



Waveform Trigger Source Long at January 16, 2026 11:04:51
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_20260116110451.IDFW
USB Sensor Support Disabled

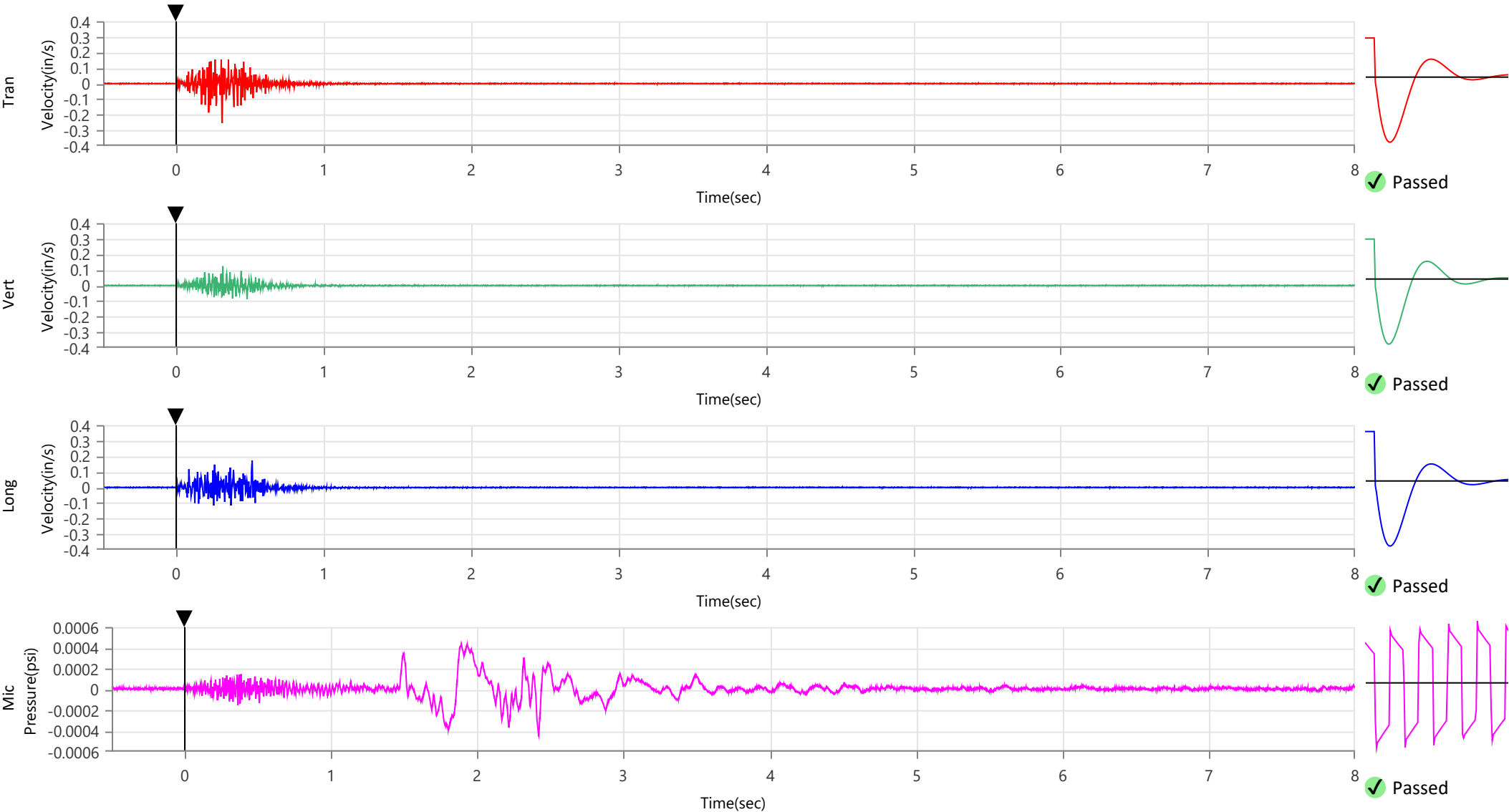
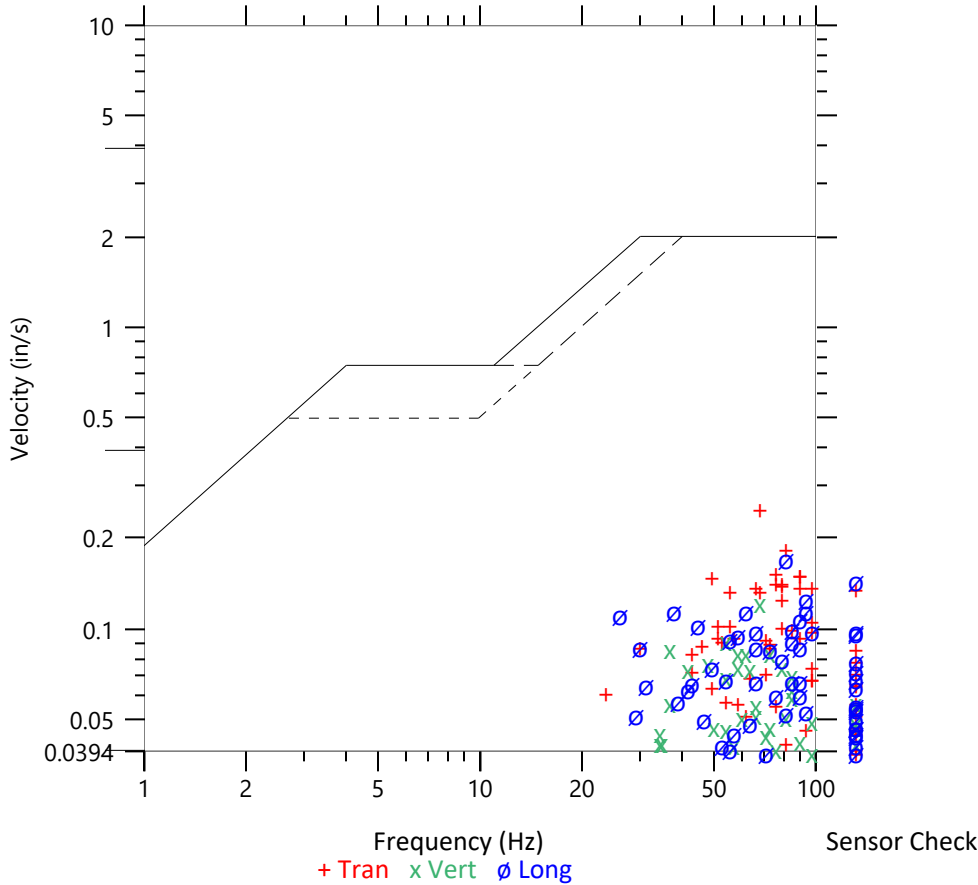
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2541 in/s	0.1241 in/s	0.1719 in/s
Zero Crossing Frequency	68.3 Hz	68.3 Hz	81.9 Hz
Time (Relative to Trigger)	0.308 sec	0.314 sec	0.512 sec
Peak Acceleration	0.313 g	0.171 g	0.217 g
Peak Displacement	0.001 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.7 Hz	7.1 Hz
Overswing Ratio	3.6	3.6	3.8
Peak Vector Sum	0.2608 in/s at 0.308 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000437 psi
Peak Sound Pressure Level 103.6 dB(L)
Time (Relative to Trigger) 2.420 sec
Zero Crossing Frequency 12.3 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1478 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



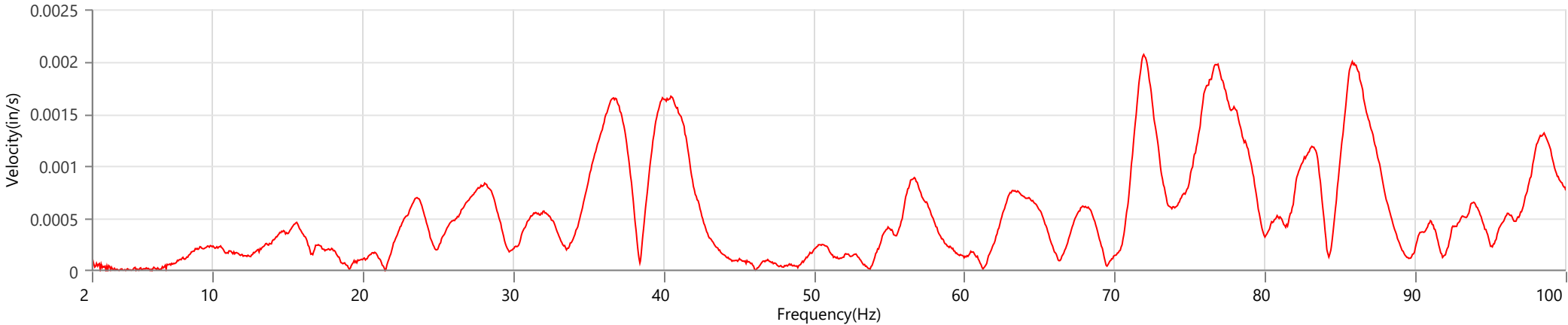
Waveform Trigger Source Long at January 16, 2026 11:04:51
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

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_20260116110451.IDFW
USB Sensor Support Disabled

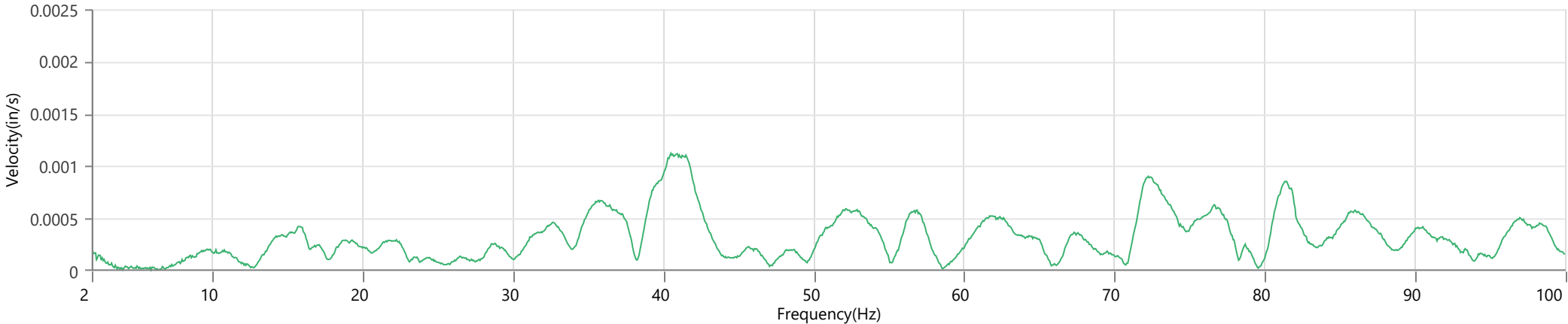
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

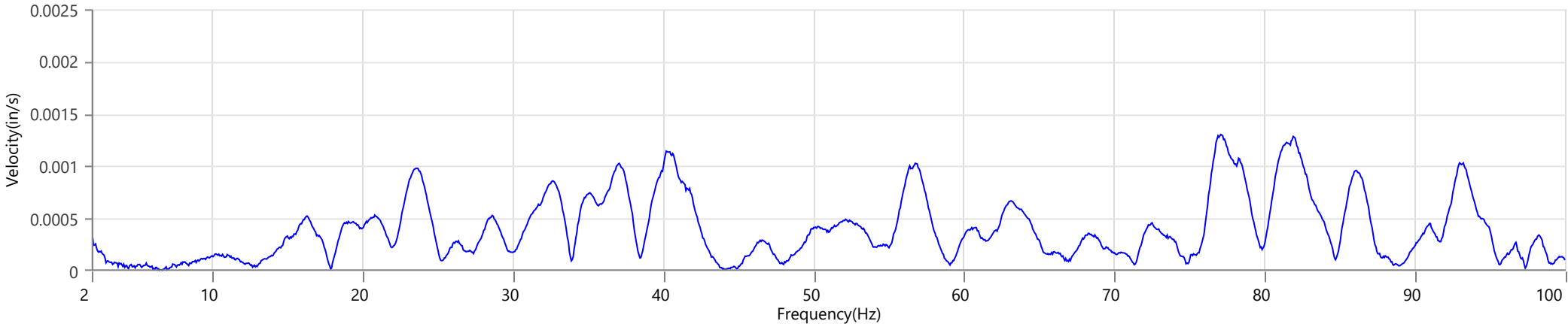
Tran - Dominant Frequency 71.9 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.2541 in/s)



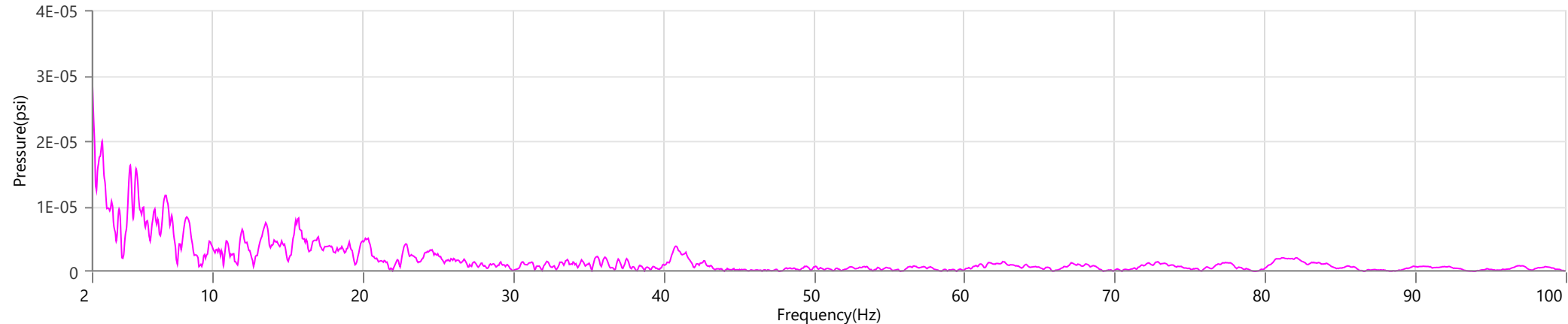
Vert - Dominant Frequency 40.5 Hz, Amplitude 0.0011 in/s (Peak Particle Velocity: 0.1241 in/s)



Long - Dominant Frequency 77.1 Hz, Amplitude 0.0013 in/s (Peak Particle Velocity: 0.1719 in/s)



Mic - Dominant Frequency 2.0 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000437 psi)



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

Vert at January 16, 2026 11:04:50
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_20260116110450.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
0.1489 in/s
58.5 Hz
0.338 sec
0.155 g
0.000 in
✓ Passed
7.3 Hz
3.6

Vert
0.1489 in/s
53.9 Hz
0.485 sec
0.151 g
0.001 in
✓ Passed
7.9 Hz
3.8

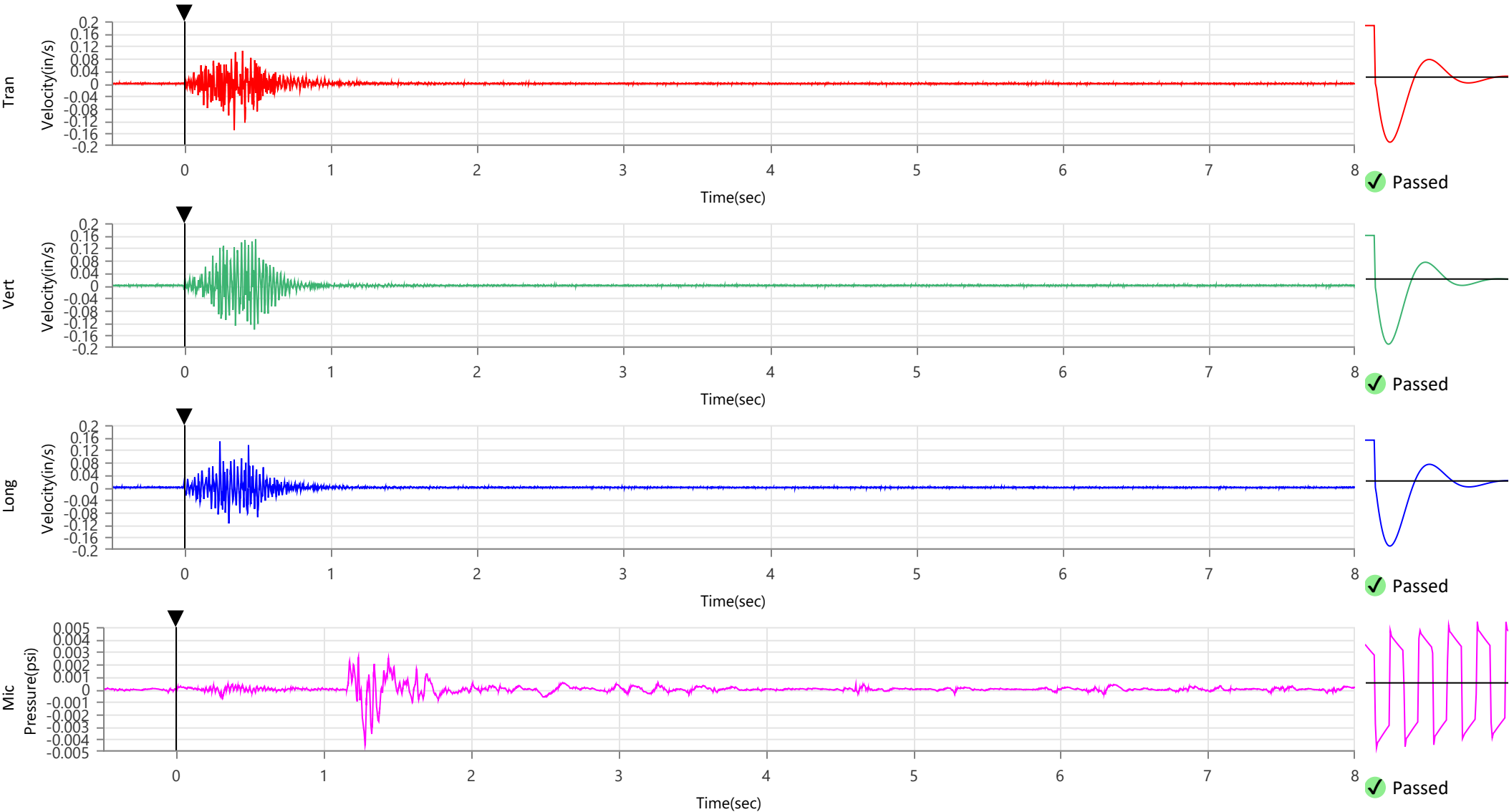
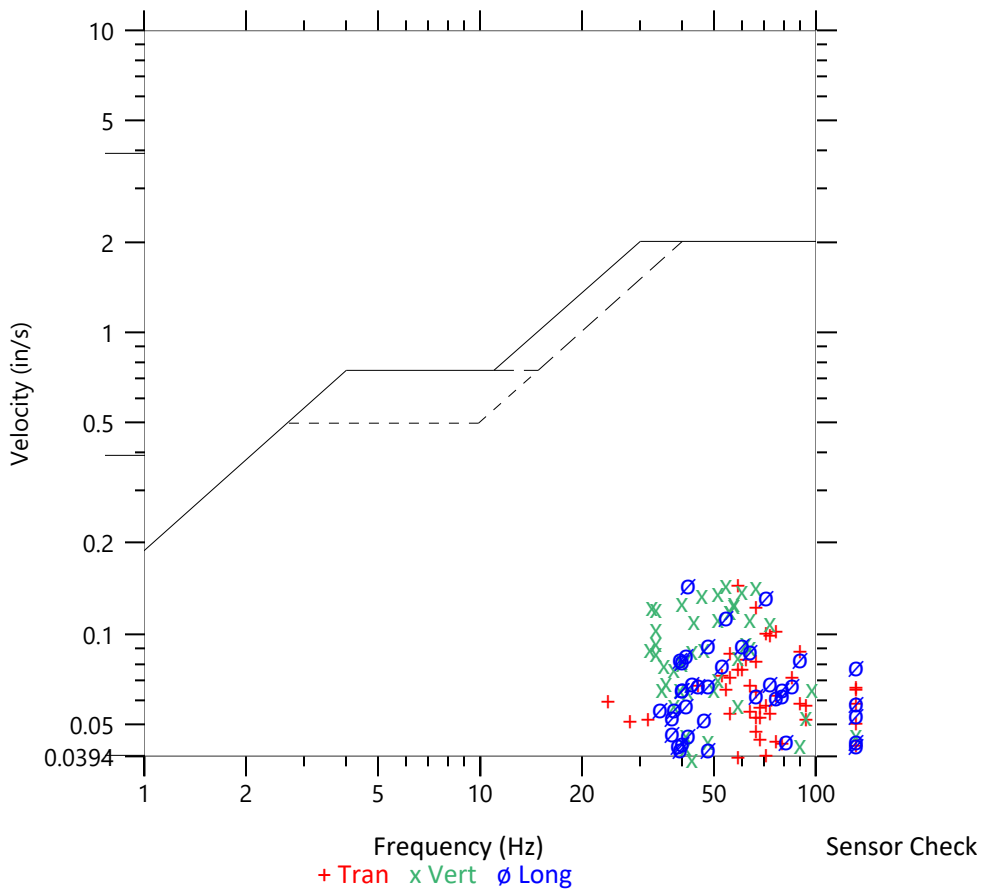
Long
0.1474 in/s
41.8 Hz
0.240 sec
0.178 g
0.000 in
✓ Passed
7.3 Hz
3.9

Peak Vector Sum 0.2122 in/s at 0.338 sec

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

0.004501 psi
123.8 dB(L)
1.280 sec
10.0 Hz
✓ Passed
20.5 Hz
1517 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



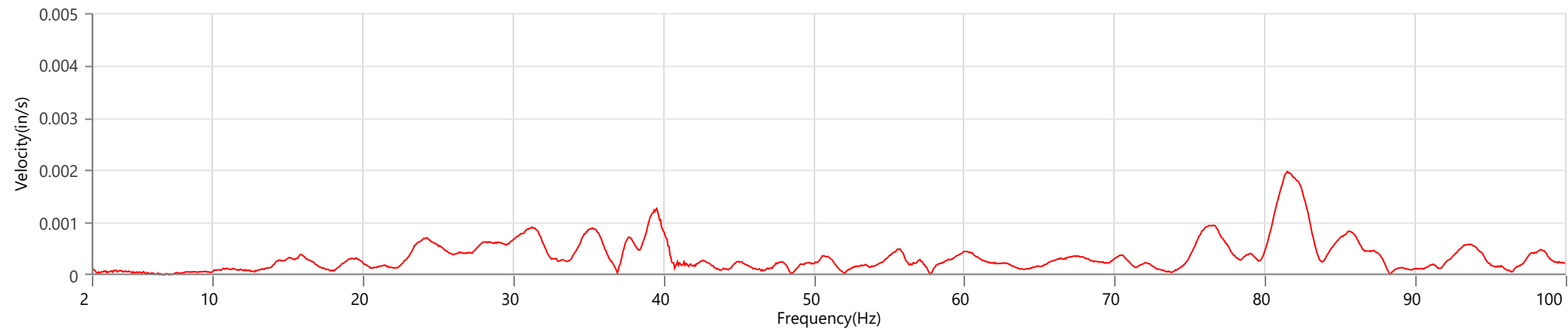
Waveform Trigger Source Vert at January 16, 2026 11:04:50
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

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_20260116110450.IDFW
USB Sensor Support Disabled

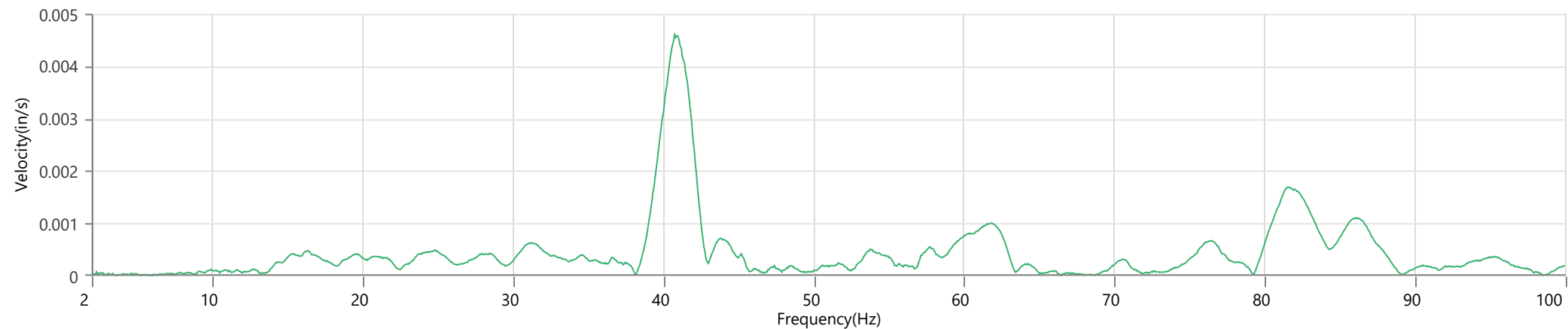
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

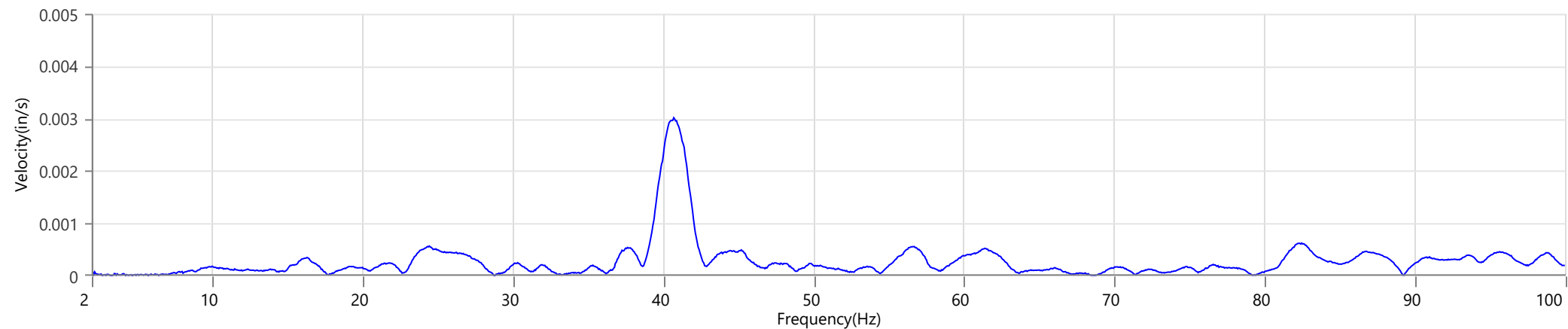
Tran - Dominant Frequency 81.5 Hz, Amplitude 0.0020 in/s (Peak Particle Velocity: 0.1489 in/s)



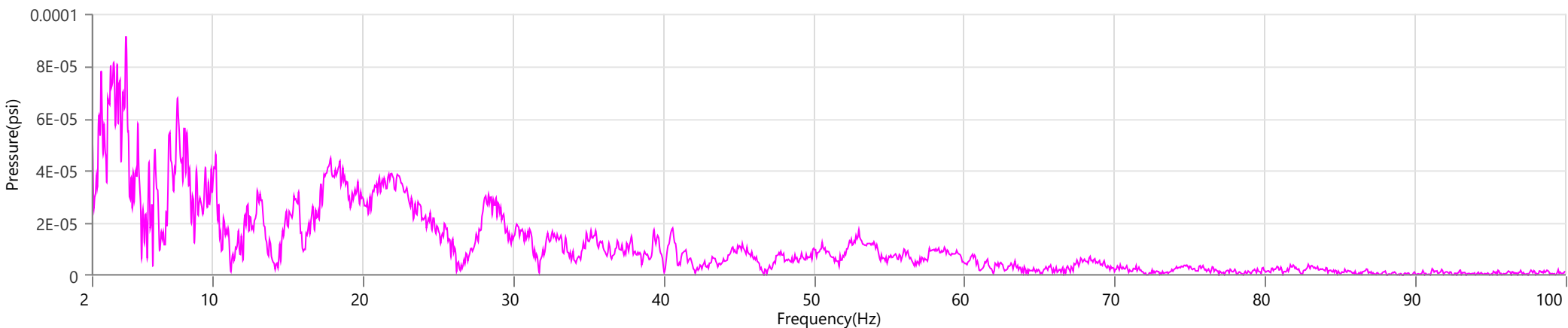
Vert - Dominant Frequency 40.8 Hz, Amplitude 0.0046 in/s (Peak Particle Velocity: 0.1489 in/s)



Long - Dominant Frequency 40.7 Hz, Amplitude 0.0030 in/s (Peak Particle Velocity: 0.1474 in/s)



Mic - Dominant Frequency 4.2 Hz, Amplitude 0.00009 psi (Peak Sound Pressure Level: 0.004501 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

January 16, 2026 00:00:05

January 16, 2026 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_20260116000005.IDFH

Disabled

Notes

Location

Client

Company

General Notes

Noise 2

Spicewood Crushed Stone

Hwy 71 Quarry

IGS, Inc.

Extended Note

Post Event Notes

Station 5N30.49911 W98.21538

No text to be displayed.

Sound Level Microphone

LMax

Date

Time

Sound(dB(A))

Sensor Check

Test Amplitude

A-Weight Slow

73.7 dB(A)

Jan 16, 2026

17:25:05

LMin

L10

L90

Leq

35.3

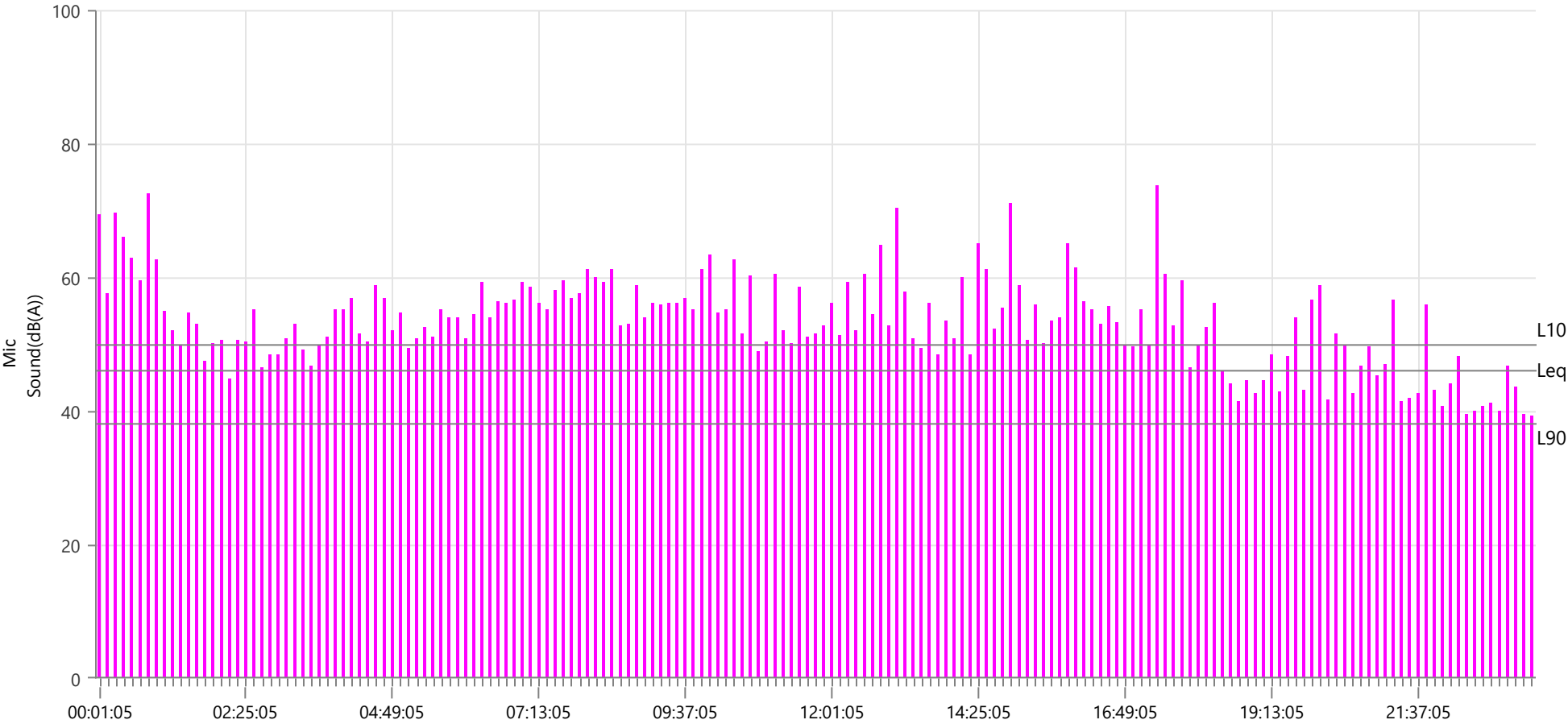
50

38

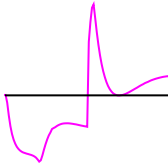
46.1

✓ Passed

1170 mv



Sensor Check



✓ Passed

Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

January 16, 2026 00:00:05

January 16, 2026 23:29:59

1409.90/60 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

Event File Name

USB Sensor Support

UM8328_20260116000005.IDFH

Disabled

Notes

Location

Client

Company

General Notes

Noise 3

Spicewood Crushed Stone

Hwy 71 Quarry

IGS, Inc.

Extended Note

Post Event Notes

N30.490958 W98.213495

No text to be displayed.

Sound Level Microphone

LMax

Date

Time

A-Weight Slow

92.9 dB(A)

Jan 16, 2026

00:32:05

LMin

L10

L90

Leq

36.1

53

38

51.5

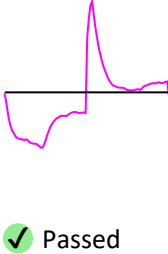
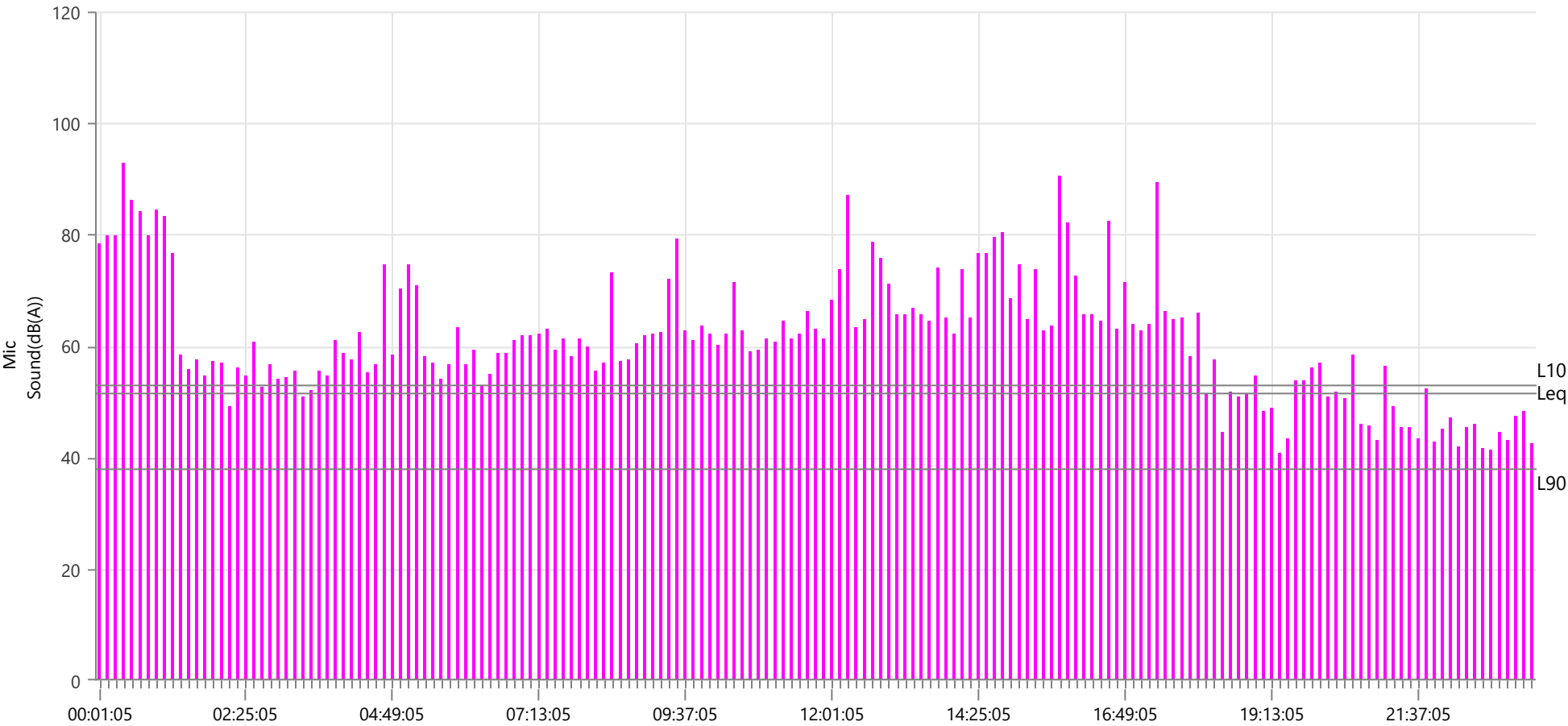
Sound(dB(A))

Sensor Check

Test Amplitude

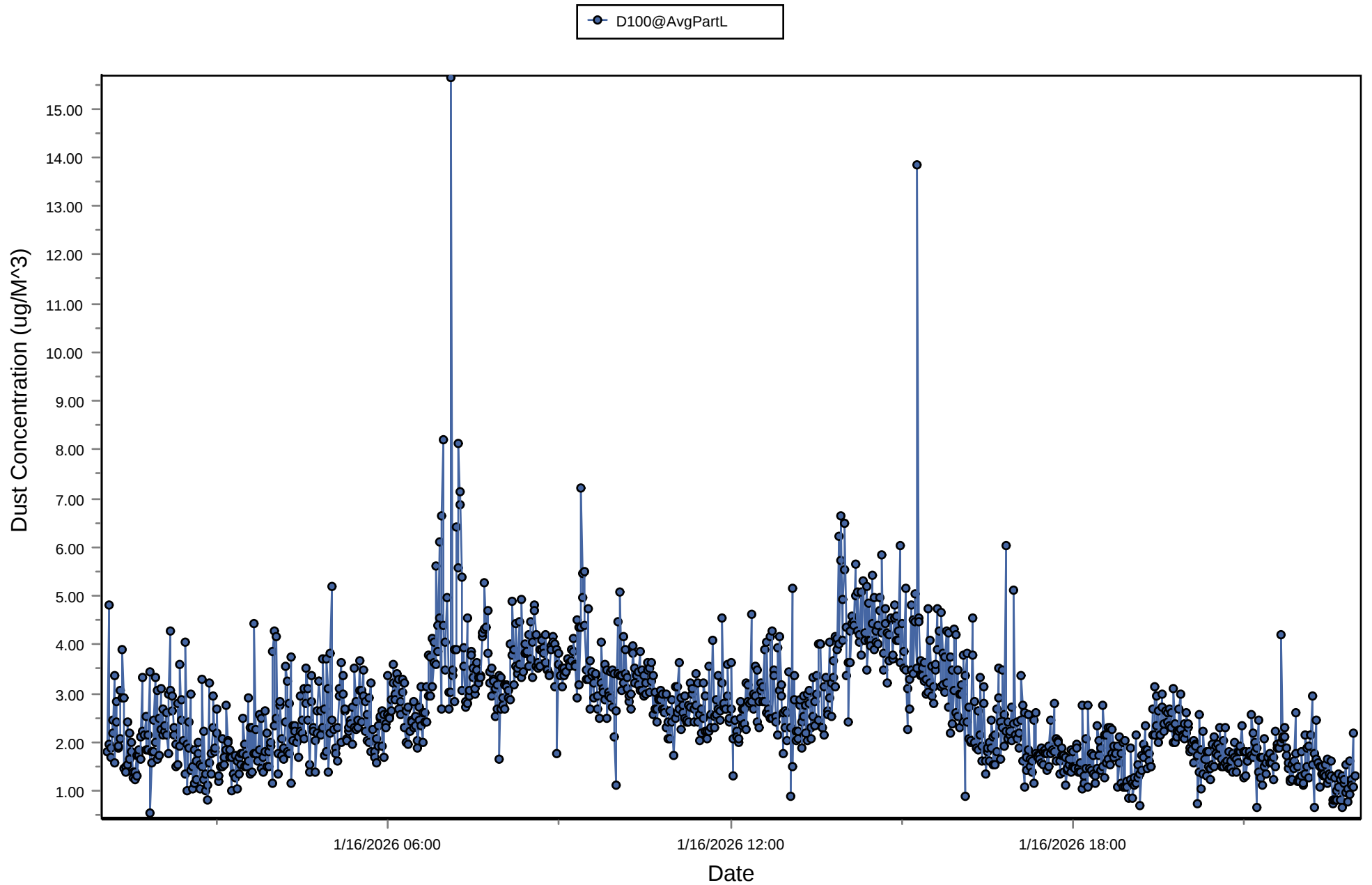
✓ Passed

996 mv



Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

