

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

Vert at July 17, 2026 12:34:13
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 1.mmb
Operator

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

UM20084
Micromate ISEE 11.0CB
3.8 volts
December 31, 2025 by Instantel
UM20084_20260717123413.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 1
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

Extended Note N30.49572 W98.21577
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

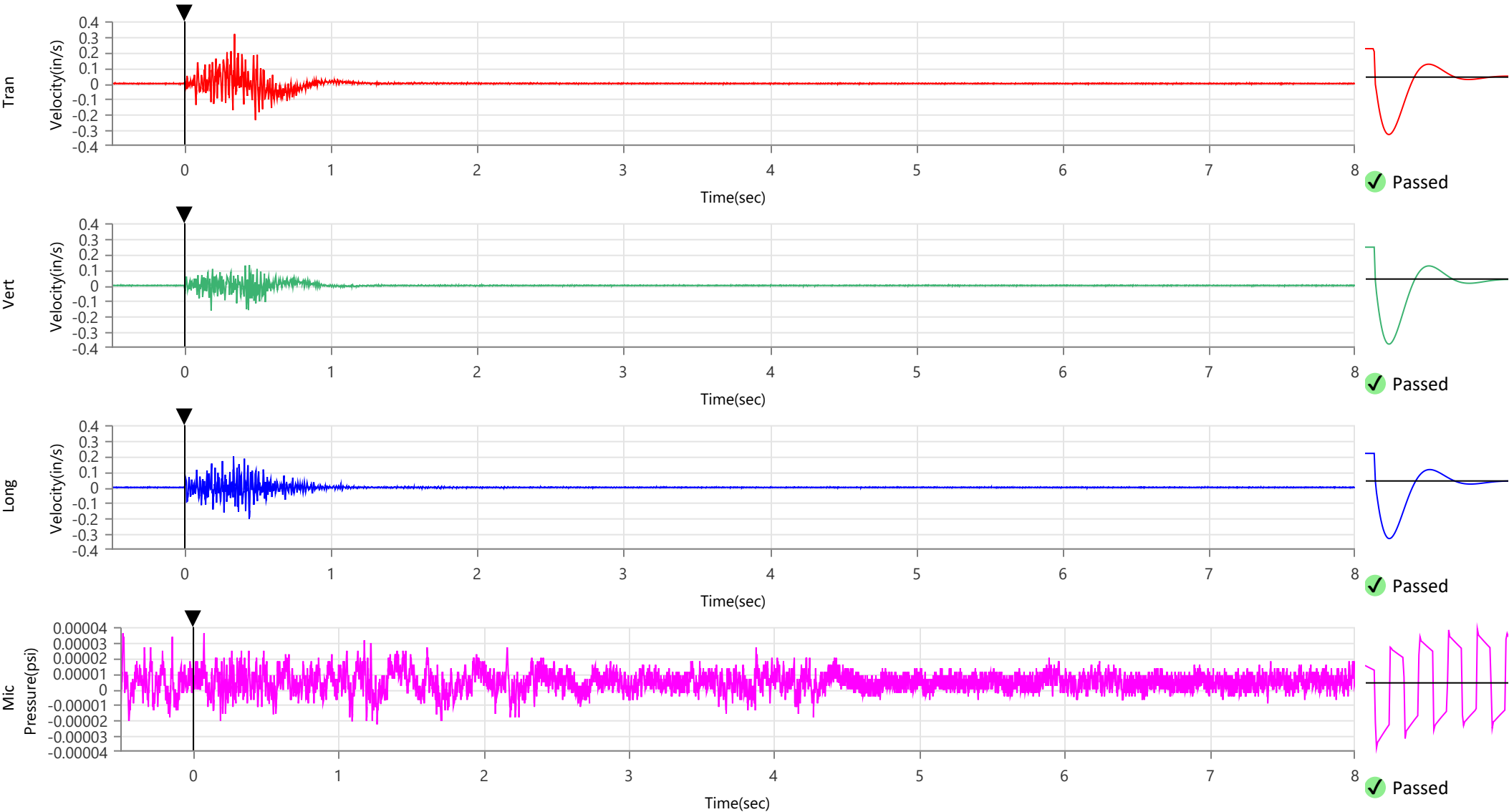
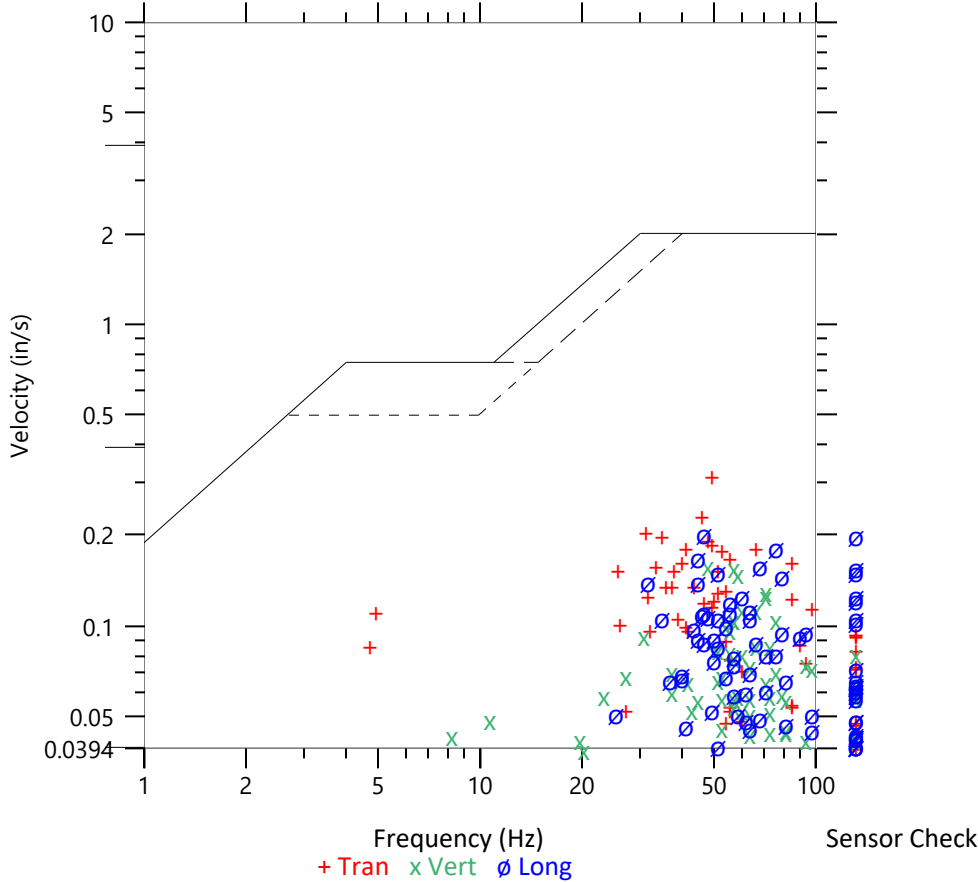
Tran	Vert	Long
0.3181 in/s	0.1614 in/s	0.2036 in/s
48.8 Hz	47.6 Hz	46.5 Hz
0.340 sec	0.181 sec	0.440 sec
0.326 g	0.207 g	0.355 g
0.002 in	0.001 in	0.001 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.3 Hz	7.1 Hz
4.4	4.9	5.0

Peak Vector Sum 0.3339 in/s at 0.340 sec

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

<0.000073 psi
<88 dB(L)
-0.481 sec
25.3 Hz
✓ Passed
19.7 Hz
1499 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



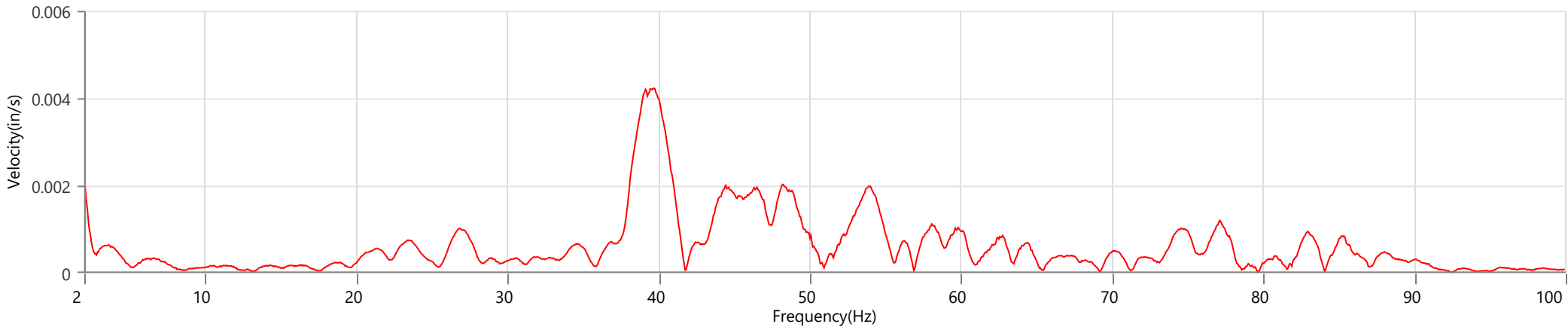
Waveform Trigger Source Vert at July 17, 2026 12:34:13
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 1.mmb
Operator Operator

Serial Number UM20084
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration December 31, 2025 by Instantel
Event File Name UM20084_20260717123413.IDFW
USB Sensor Support Disabled

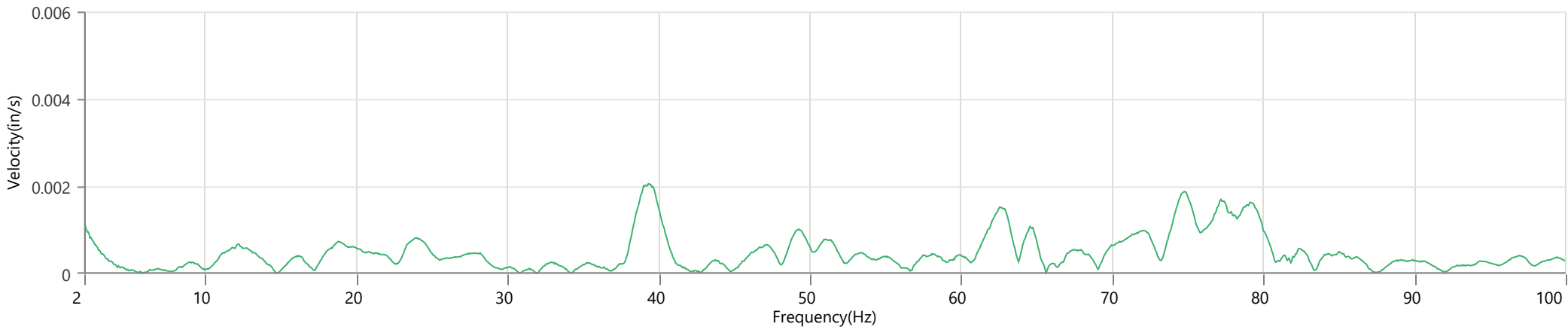
Notes
Location Station 1
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

Extended Note N30.49572 W98.21577
Post Event Notes No text to be displayed.

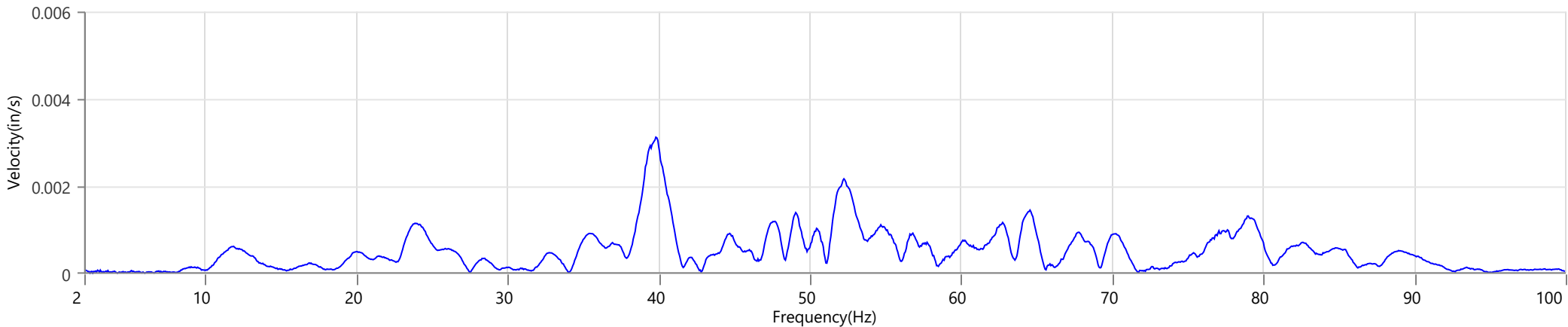
Tran - Dominant Frequency 39.7 Hz, Amplitude 0.0042 in/s (Peak Particle Velocity: 0.3181 in/s)



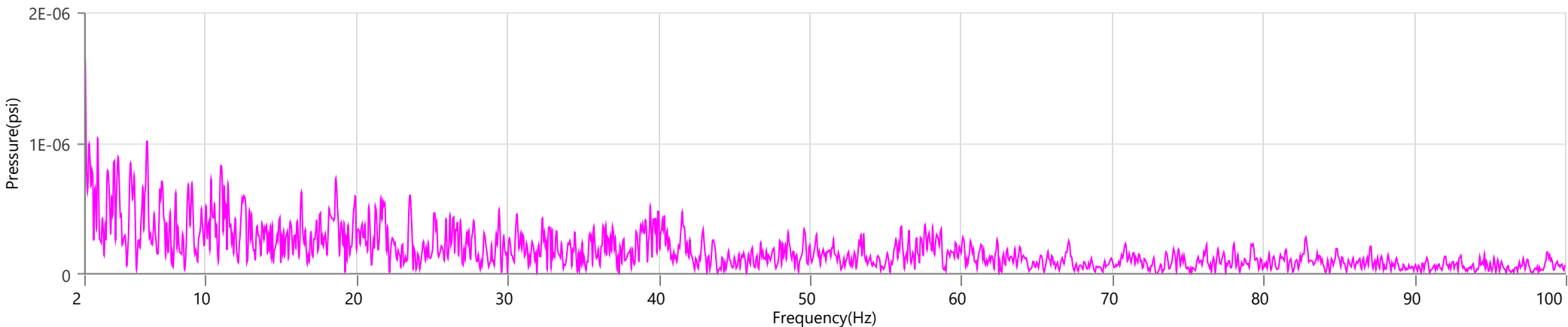
Vert - Dominant Frequency 39.3 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1614 in/s)



Long - Dominant Frequency 39.8 Hz, Amplitude 0.0031 in/s (Peak Particle Velocity: 0.2036 in/s)



Mic - Dominant Frequency 2.1 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000036 psi)



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

Vert at July 17, 2026 13:34:12
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

UM21416
Micromate ISEE 11.0CB
3.8 volts
May 5, 2026 by Instantel
UM21416_20260717133412.IDFW
Disabled

Notes
Location
Client
Company
General Notes

Station 2
Spicewood Crushed Stone
Hwy 71
IGS, Inc

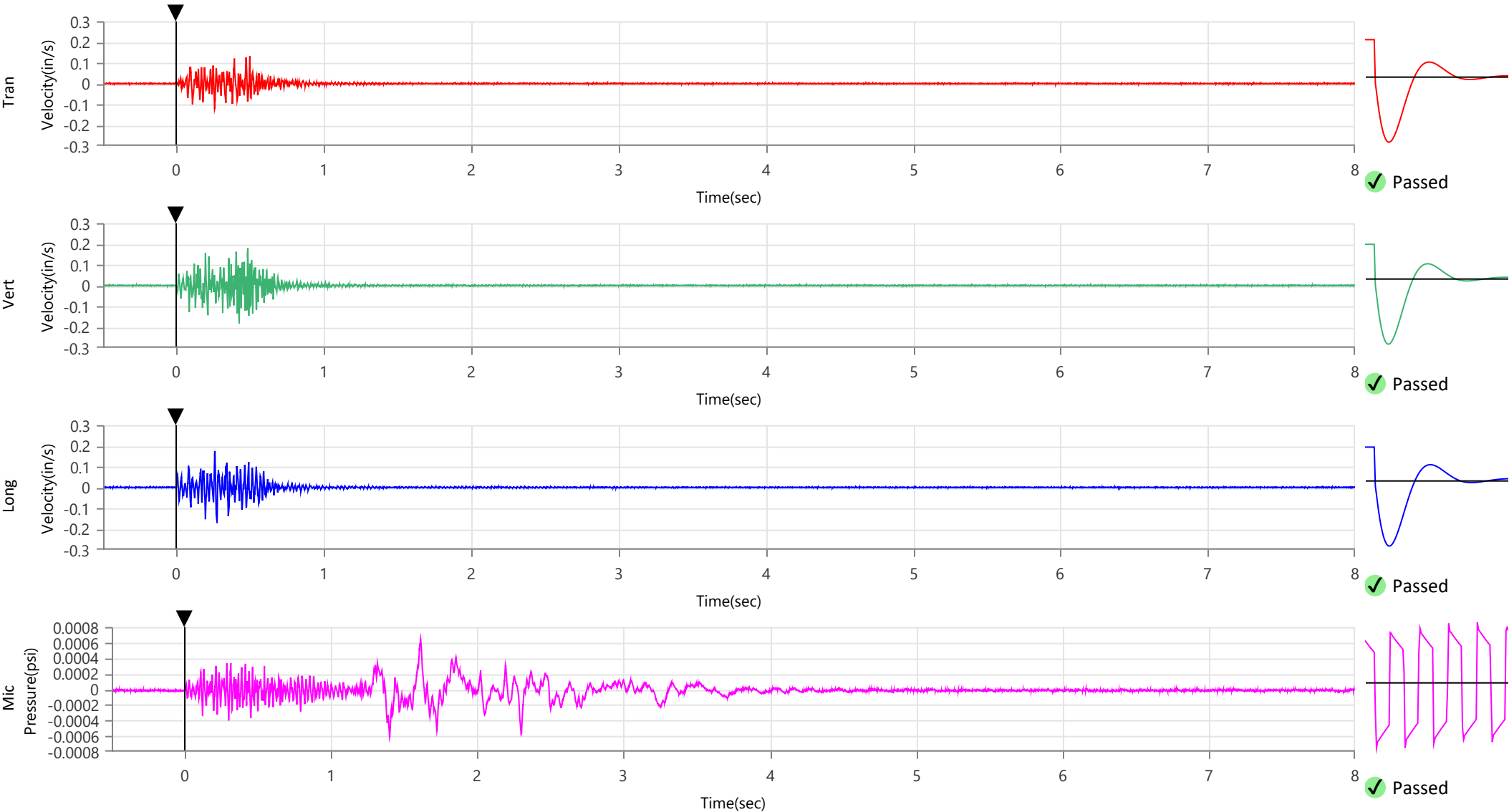
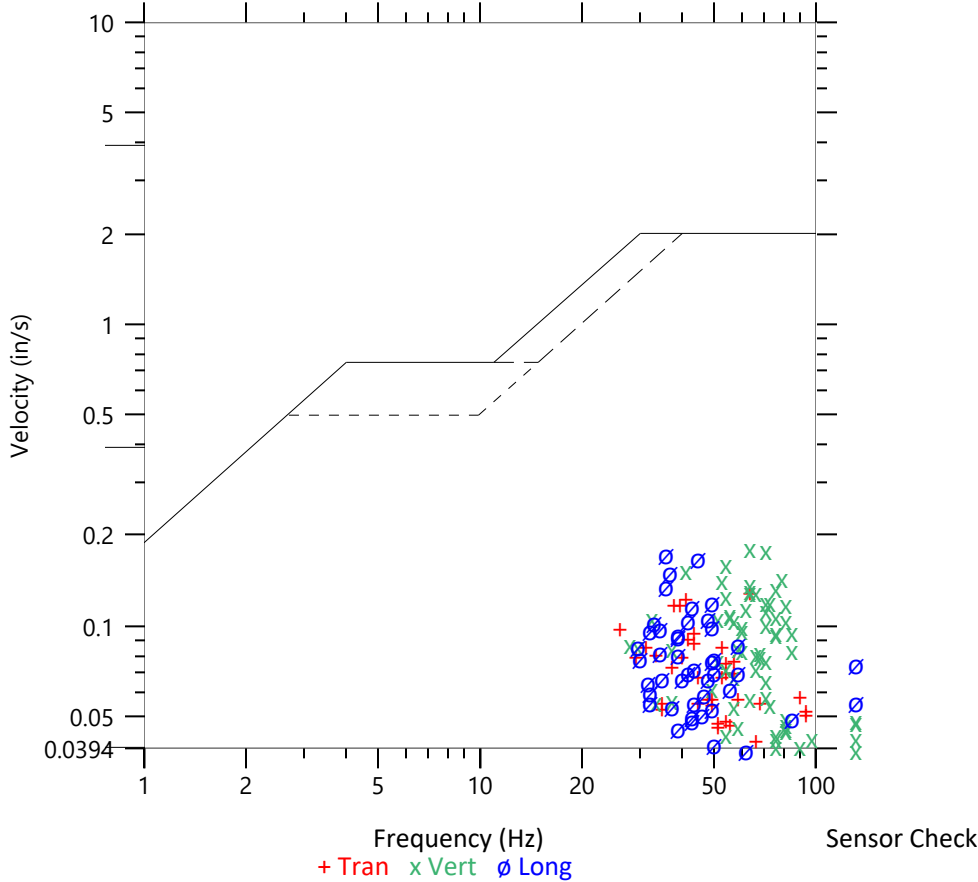
Extended Note N30.49650 W-98.21572
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1319 in/s	0.1825 in/s	0.1753 in/s
Zero Crossing Frequency	66.1 Hz	64.0 Hz	35.3 Hz
Time (Relative to Trigger)	0.496 sec	0.425 sec	0.259 sec
Peak Acceleration	0.145 g	0.227 g	0.217 g
Peak Displacement	0.000 in	0.000 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.7 Hz	7.3 Hz
Overswing Ratio	4.3	4.2	3.9
Peak Vector Sum	0.2181 in/s at 0.195 sec		

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

0.000644 psi
106.9 dB(L)
1.612 sec
7.2 Hz
✓ Passed
19.7 Hz
1267 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Waveform Trigger Source Vert at July 17, 2026 13:34:12
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

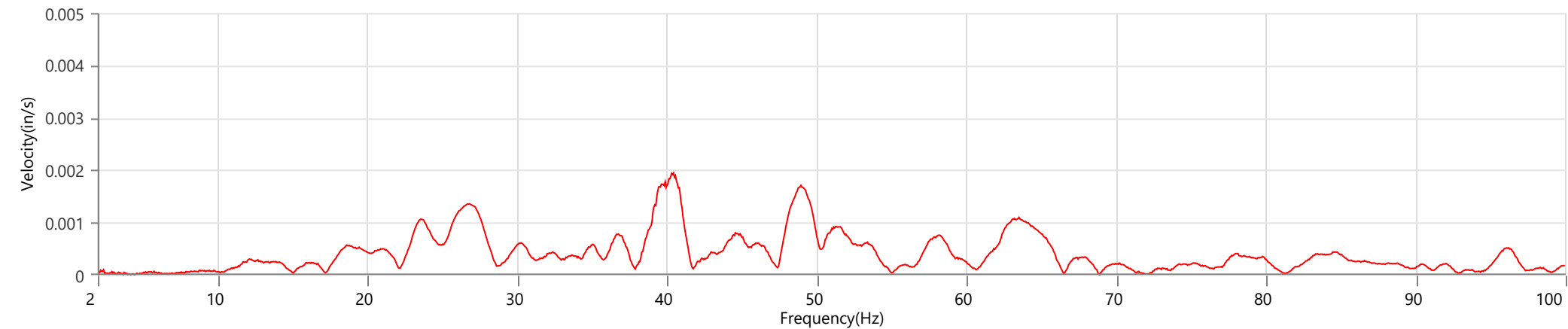
Serial Number UM21416
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration May 5, 2026 by Instantel
Event File Name UM21416_20260717133412.IDFW
USB Sensor Support Disabled

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

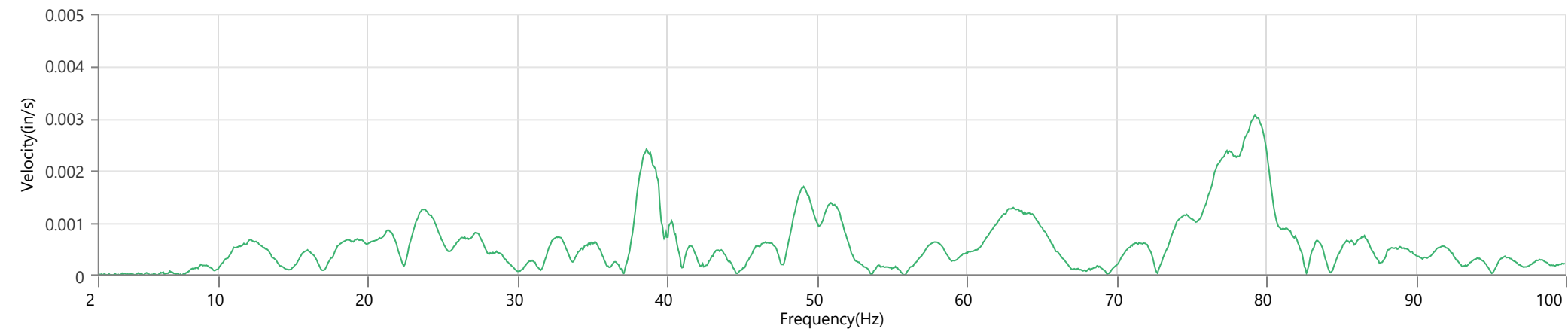
Extended Note N30.49650 W-98.21572

Post Event Notes No text to be displayed.

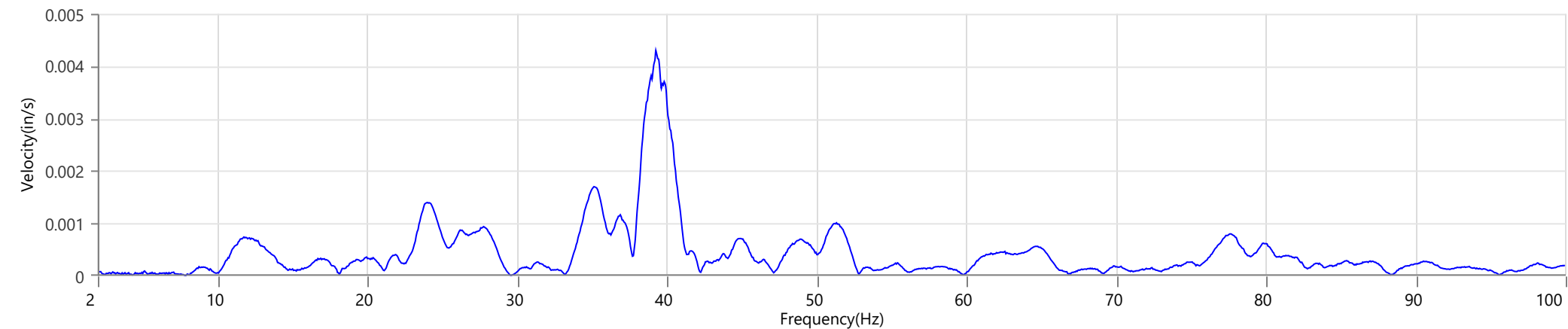
Tran - Dominant Frequency 40.4 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1319 in/s)



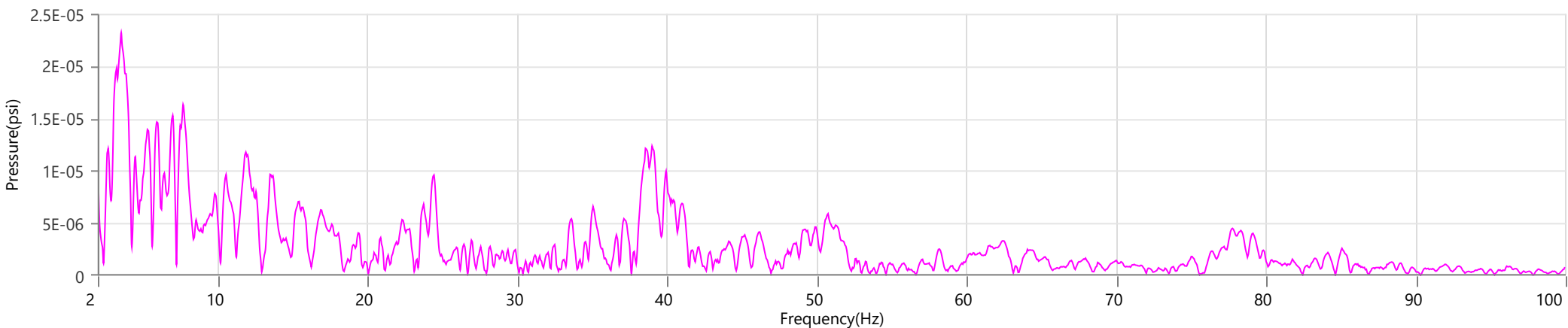
Vert - Dominant Frequency 79.2 Hz, Amplitude 0.0031 in/s (Peak Particle Velocity: 0.1825 in/s)



Long - Dominant Frequency 39.2 Hz, Amplitude 0.0043 in/s (Peak Particle Velocity: 0.1753 in/s)



Mic - Dominant Frequency 3.6 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000644 psi)



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

Vert at July 17, 2026 12:34:12
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

UM6512
Micromate ISEE 11.0CB
3.8 volts
December 20, 2025 by Instantel
UM6512_20260717123412.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

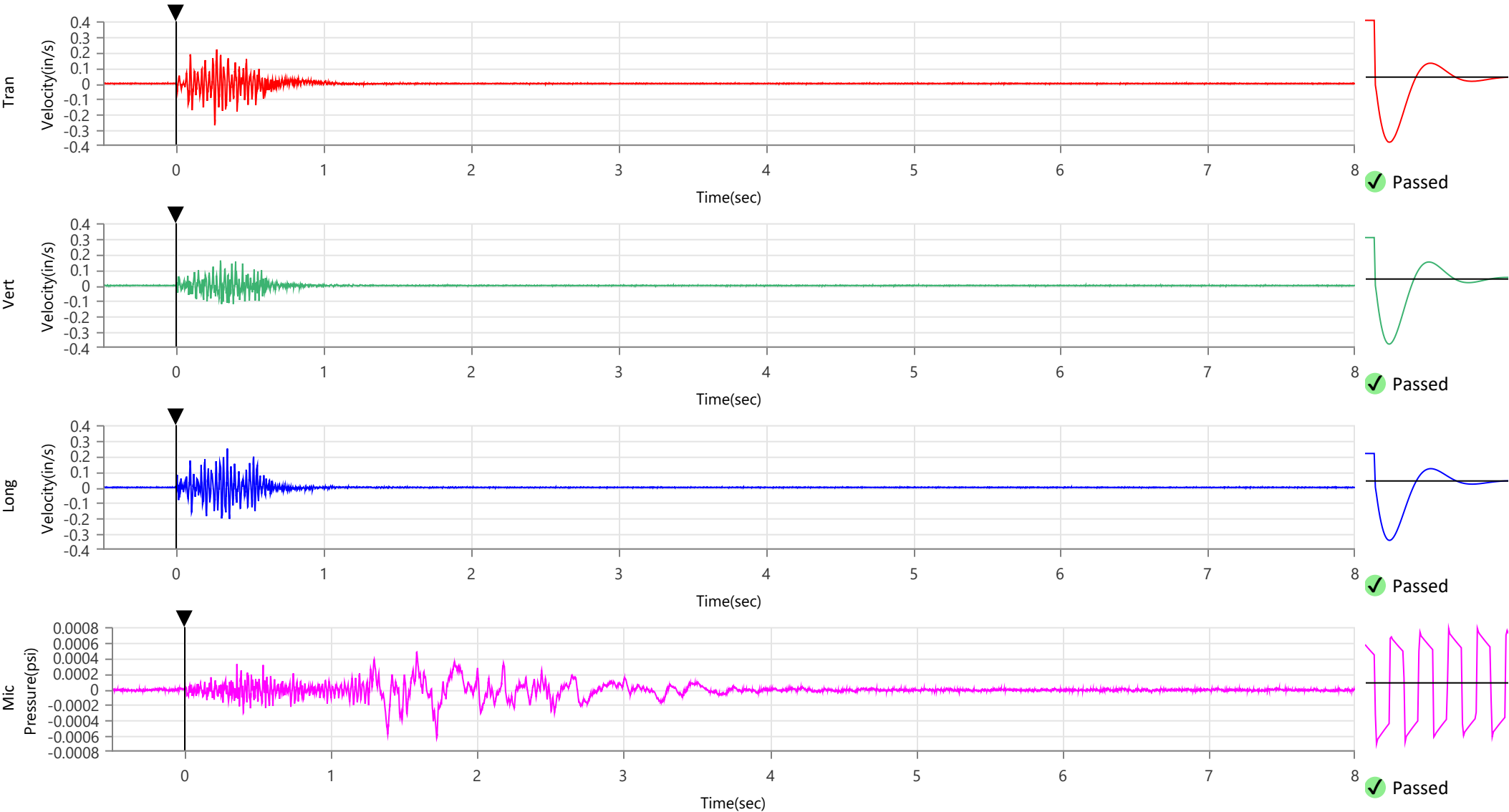
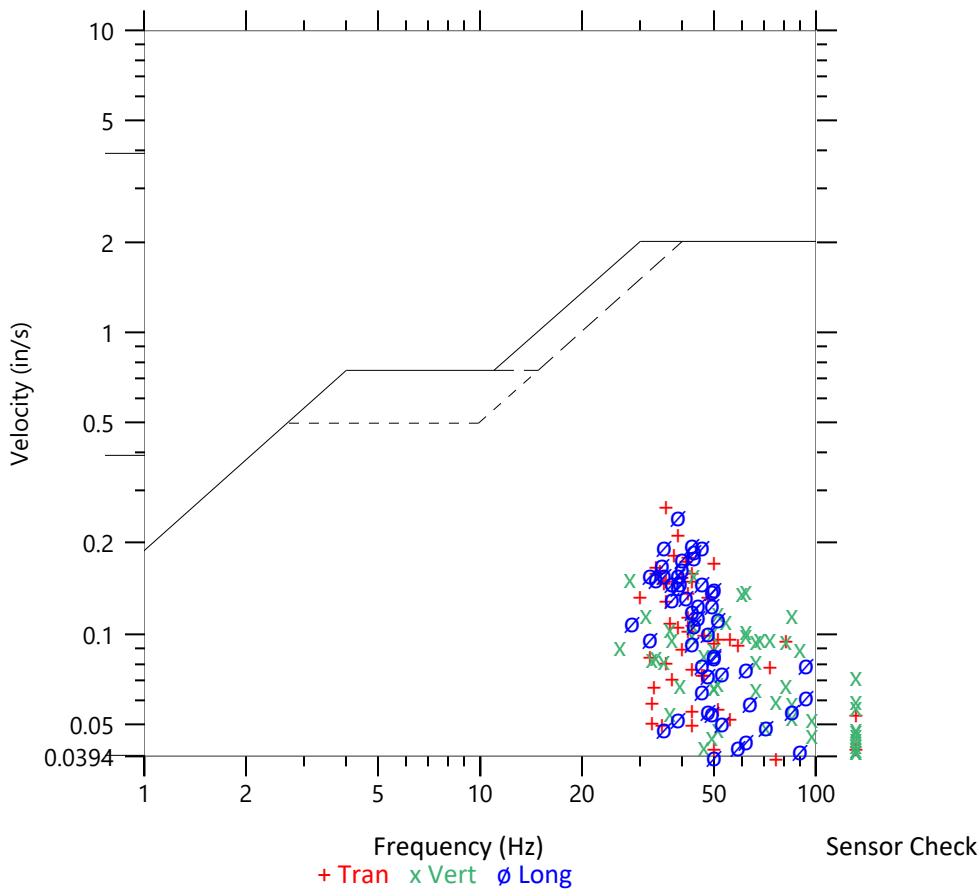
Tran	Vert	Long
0.2684 in/s	0.1604 in/s	0.2492 in/s
35.9 Hz	43.6 Hz	38.6 Hz
0.259 sec	0.297 sec	0.344 sec
0.207 g	0.204 g	0.263 g
0.001 in	0.001 in	0.001 in
✓ Passed	✓ Passed	✓ Passed
7.1 Hz	7.5 Hz	7.1 Hz
4.6	3.8	4.8

Peak Vector Sum 0.2831 in/s at 0.259 sec

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

0.000626 psi
106.7 dB(L)
1.722 sec
6.7 Hz
✓ Passed
19.7 Hz
1388 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



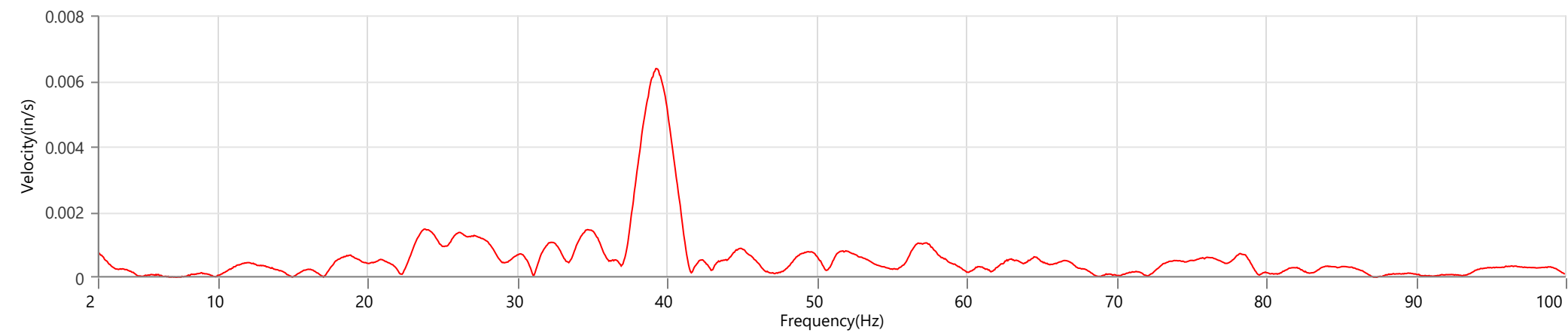
Waveform Trigger Source Vert at July 17, 2026 12:34:12
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20260717123412.IDFW
USB Sensor Support Disabled

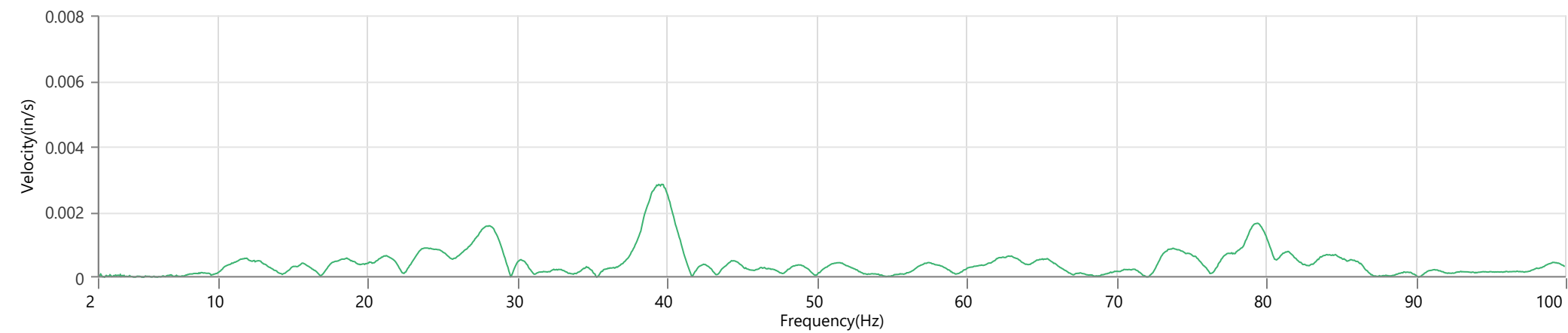
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

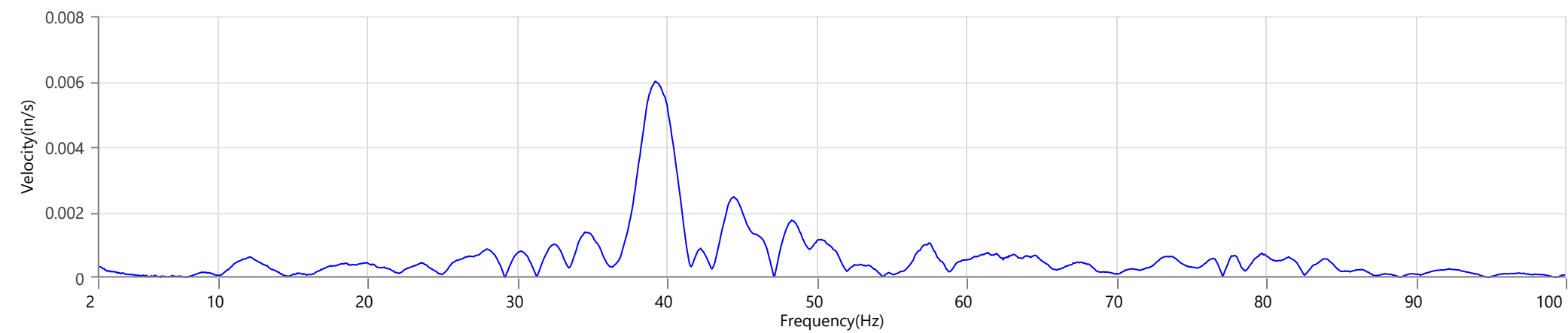
Tran - Dominant Frequency 39.3 Hz, Amplitude 0.0064 in/s (Peak Particle Velocity: 0.2684 in/s)



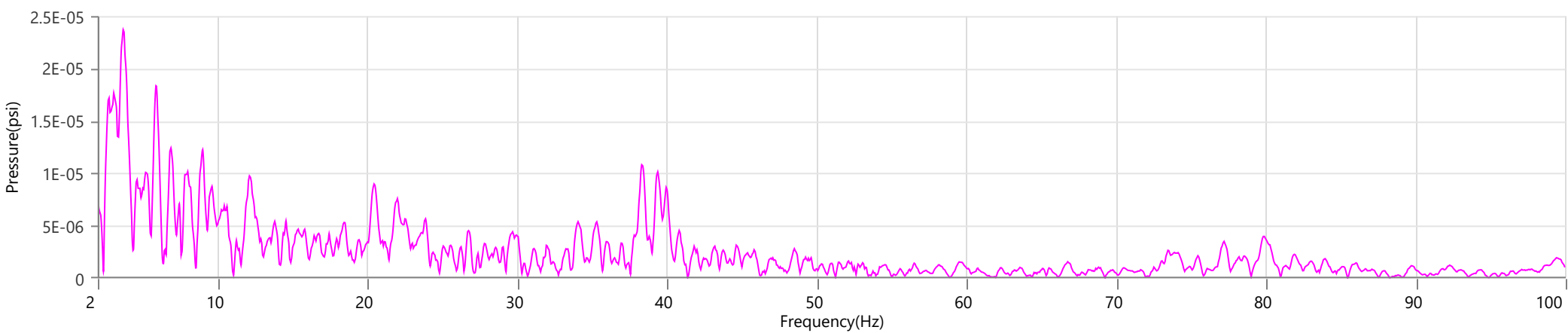
Vert - Dominant Frequency 39.7 Hz, Amplitude 0.0028 in/s (Peak Particle Velocity: 0.1604 in/s)



Long - Dominant Frequency 39.2 Hz, Amplitude 0.0060 in/s (Peak Particle Velocity: 0.2492 in/s)



Mic - Dominant Frequency 3.7 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000626 psi)



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

Vert at July 17, 2026 12:34:15
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

UM21515
Micromate ISEE 11.0CB
3.8 volts
December 23, 2025 by Instantel
UM21515_20260717123415.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

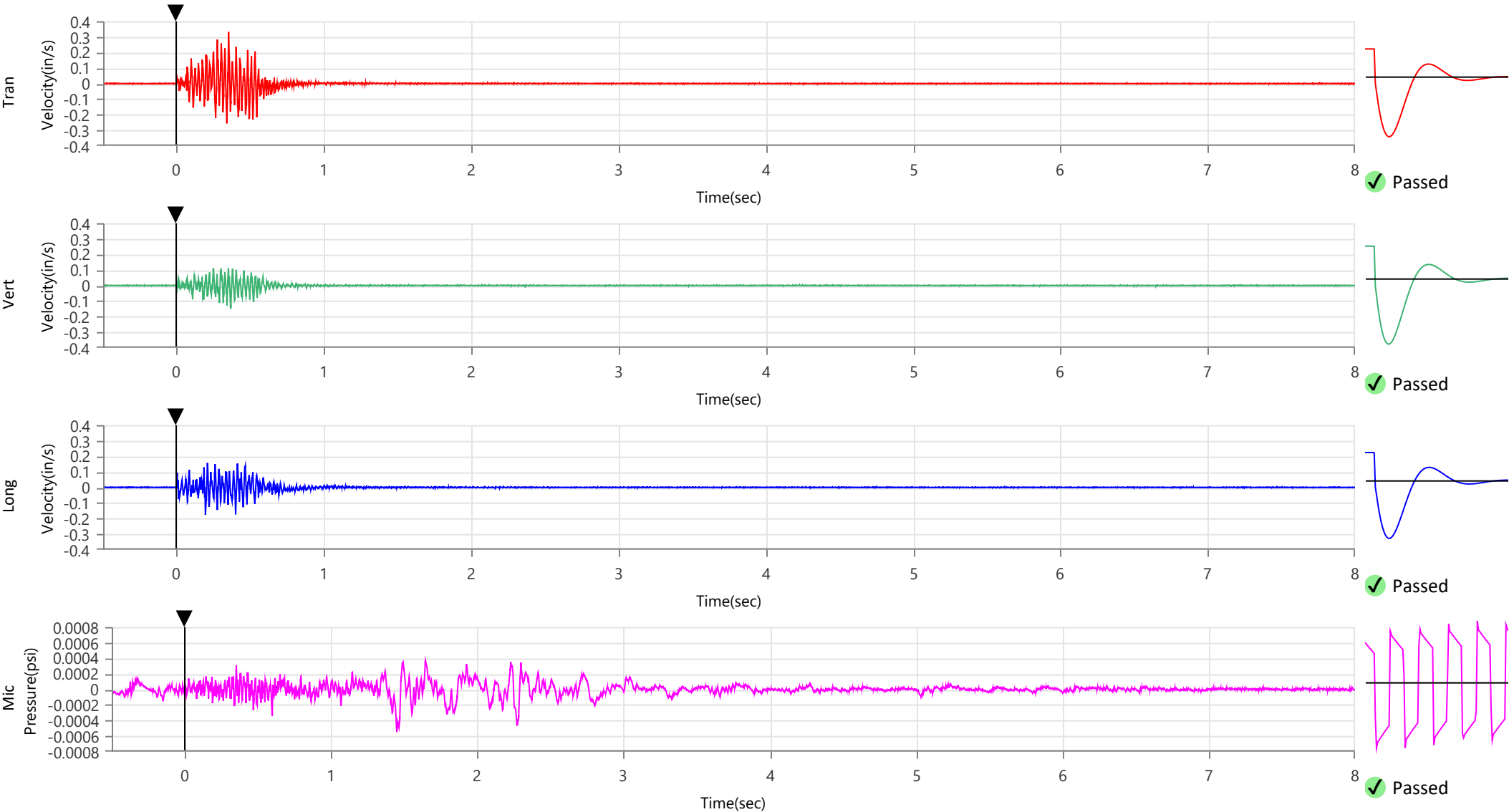
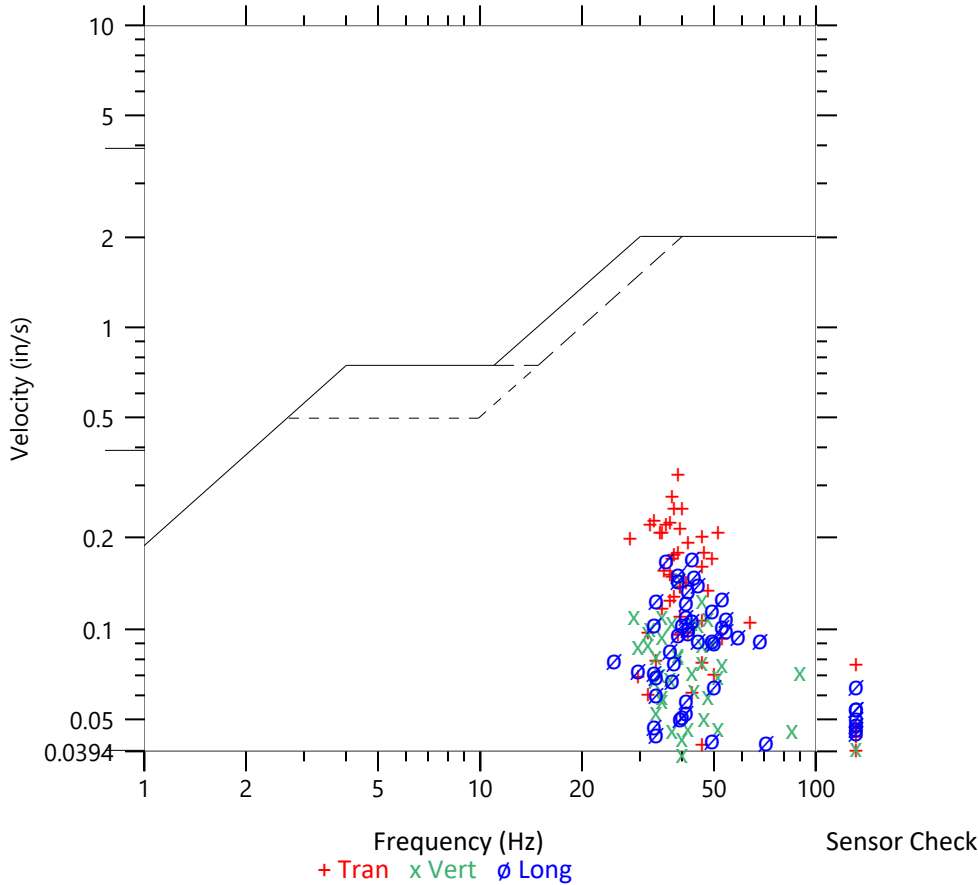
Tran	Vert	Long
0.3314 in/s	0.1499 in/s	0.1756 in/s
38.6 Hz	39.4 Hz	42.7 Hz
0.353 sec	0.366 sec	0.195 sec
0.270 g	0.142 g	0.194 g
0.001 in	0.001 in	0.001 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.5 Hz	7.3 Hz
4.5	4.4	4.2

Peak Vector Sum 0.3448 in/s at 0.353 sec

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

0.000547 psi
105.5 dB(L)
1.449 sec
6.4 Hz
✓ Passed
19.7 Hz
1275 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 July 17, 2026 12:34:15
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

UM21515
Micromate ISEE 11.0CB
3.8 volts
December 23, 2025 by Instantel
UM21515_20260717123415.IDFW
Disabled

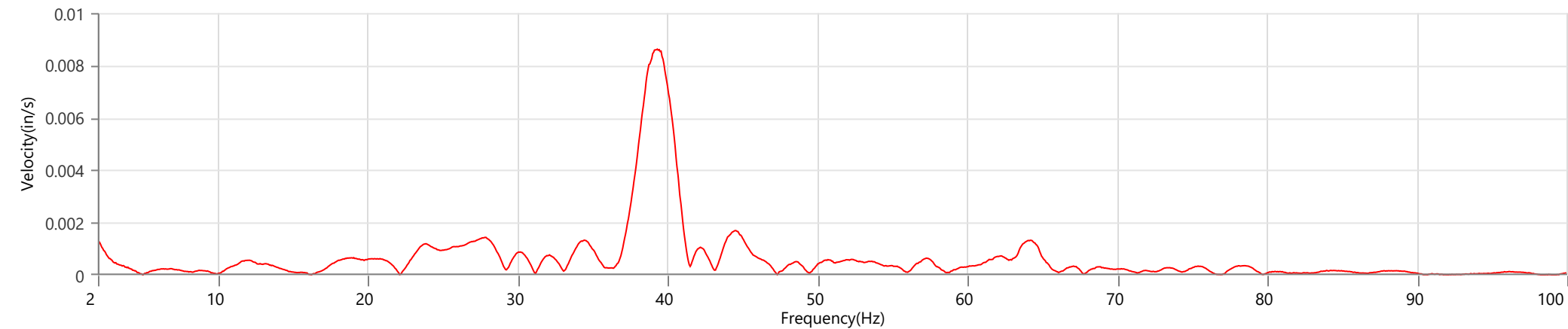
Notes
Location
Client
Company
General Notes

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

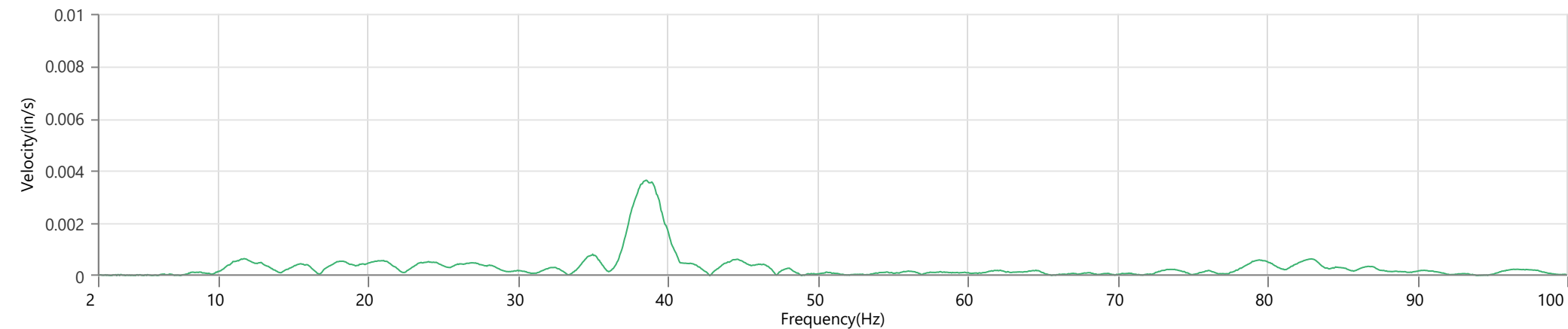
Extended Note N30.49821 W98.21578

Post Event Notes No text to be displayed.

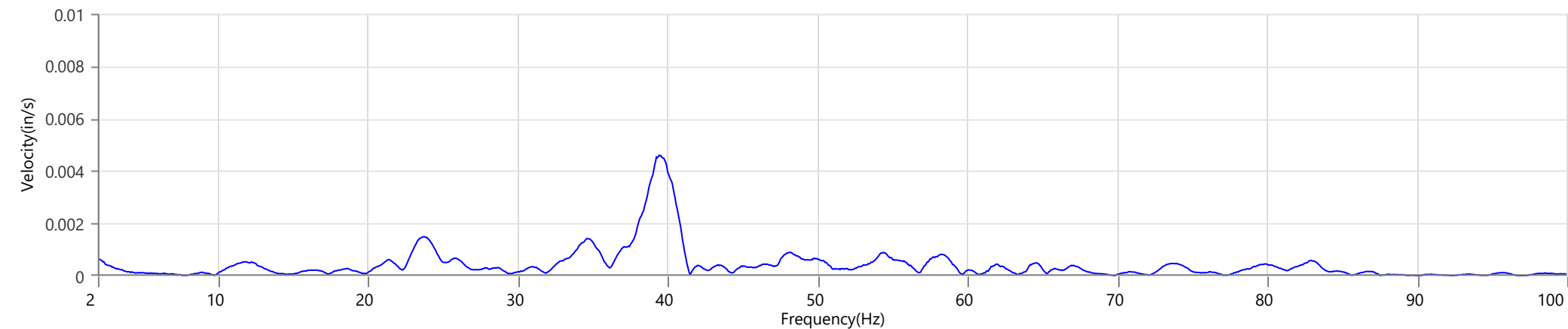
Tran - Dominant Frequency 39.3 Hz, Amplitude 0.0086 in/s (Peak Particle Velocity: 0.3314 in/s)



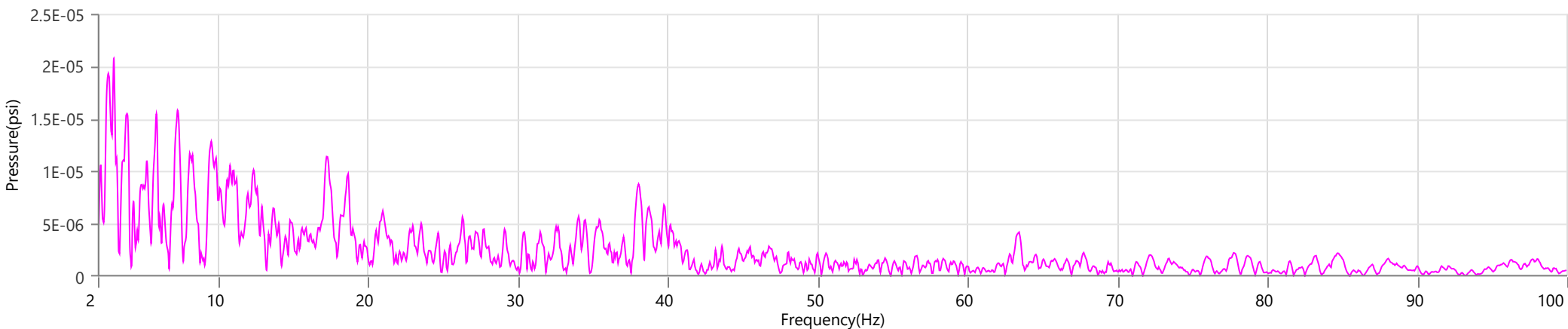
Vert - Dominant Frequency 38.6 Hz, Amplitude 0.0036 in/s (Peak Particle Velocity: 0.1499 in/s)



Long - Dominant Frequency 39.4 Hz, Amplitude 0.0046 in/s (Peak Particle Velocity: 0.1756 in/s)



Mic - Dominant Frequency 3.1 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000547 psi)



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

Vert at July 17, 2026 12:34:13
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

UM6323
Micromate ISEE 11.0CB
3.8 volts
January 6, 2026 by Instantel
UM6323_20260717123413.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

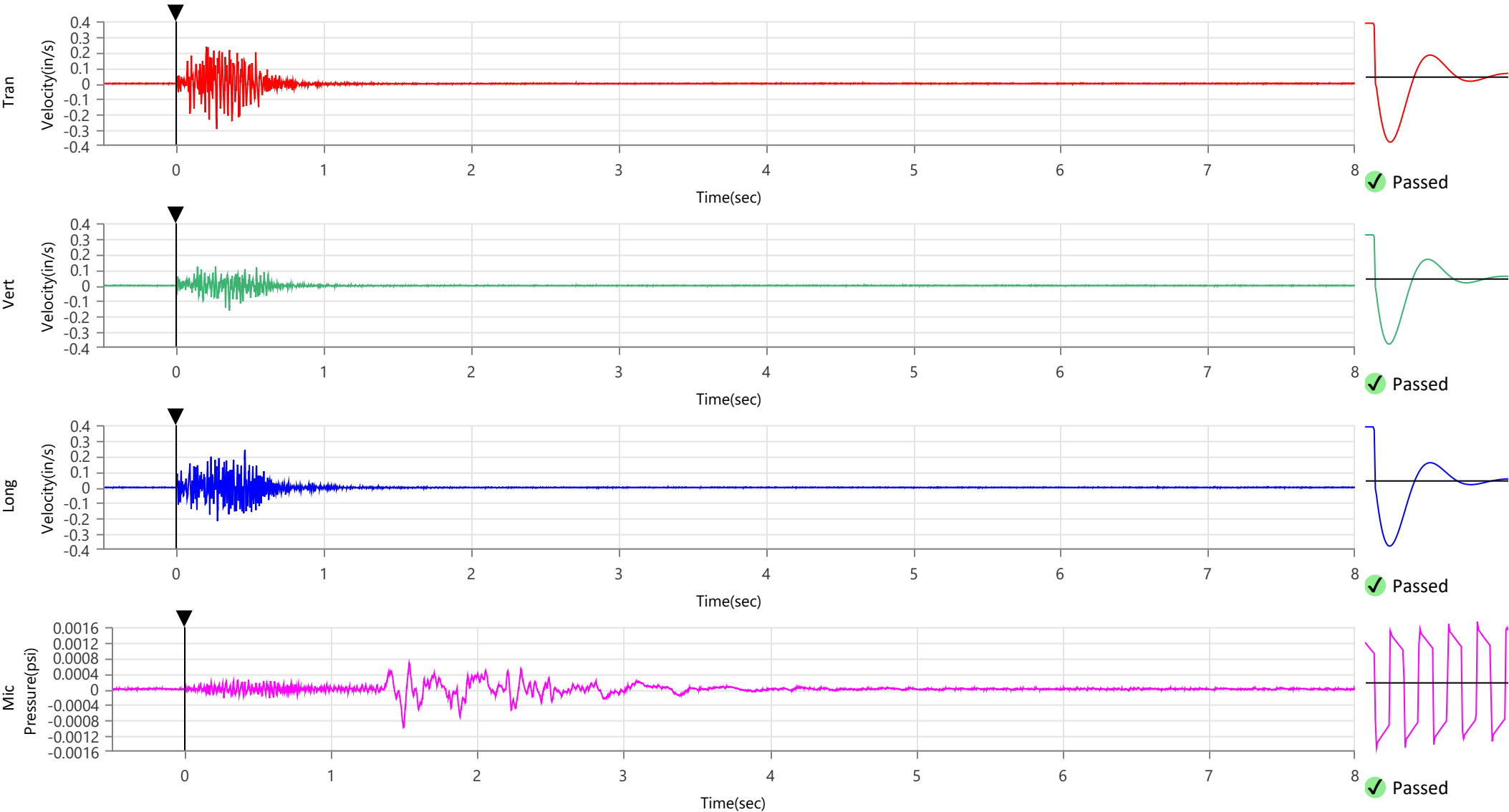
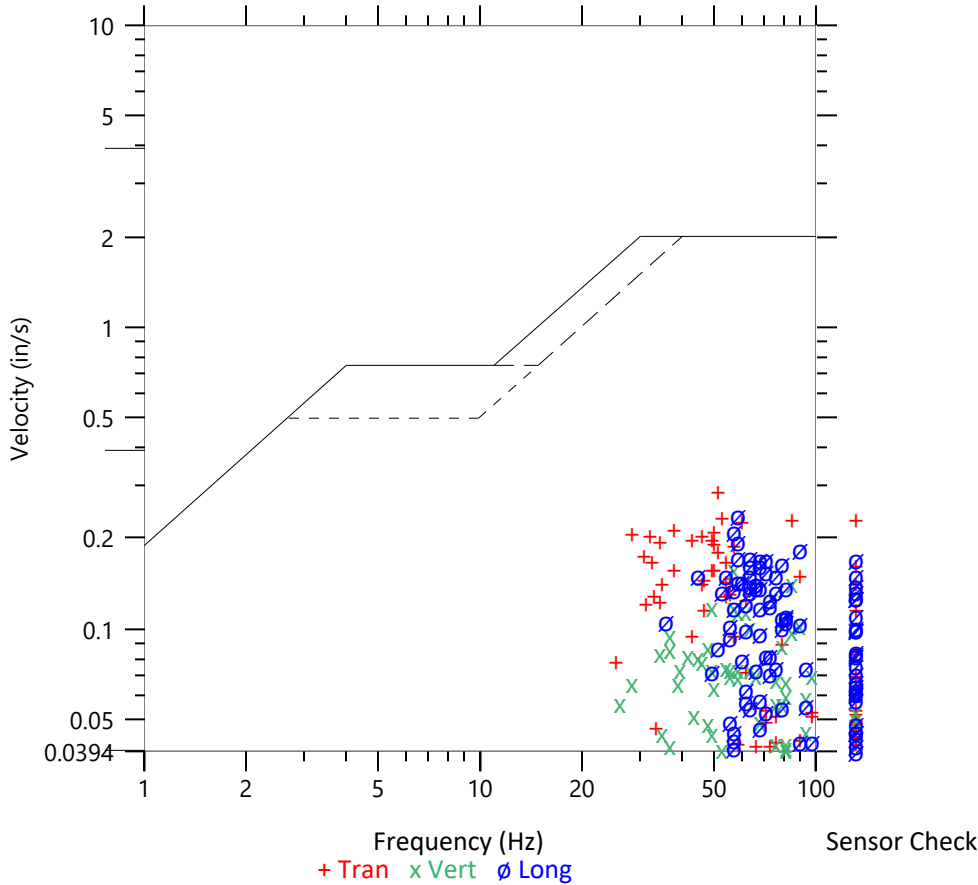
Tran	Vert	Long
0.2920 in/s	0.1614 in/s	0.2417 in/s
51.2 Hz	56.9 Hz	56.9 Hz
0.272 sec	0.357 sec	0.463 sec
0.401 g	0.220 g	0.349 g
0.001 in	0.000 in	0.001 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.7 Hz	7.3 Hz
2.9	3.2	3.5

Peak Vector Sum 0.3225 in/s at 0.272 sec

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

0.000979 psi
110.6 dB(L)
1.495 sec
6.0 Hz
✓ Passed
19.7 Hz
1257 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 July 17, 2026 12:34:13
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

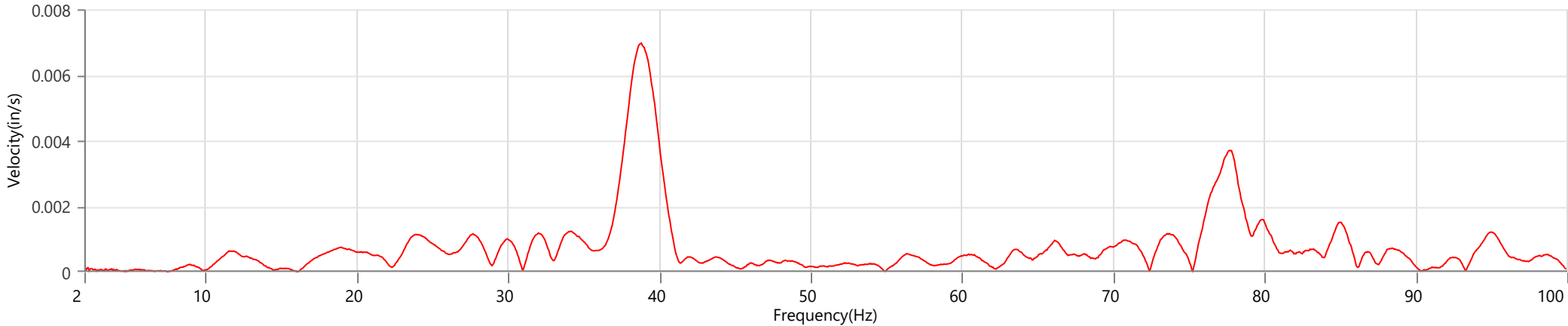
UM6323
Micromate ISEE 11.0CB
3.8 volts
January 6, 2026 by Instantel
UM6323_20260717123413.IDFW
Disabled

Notes
Location
Client
Company
General Notes

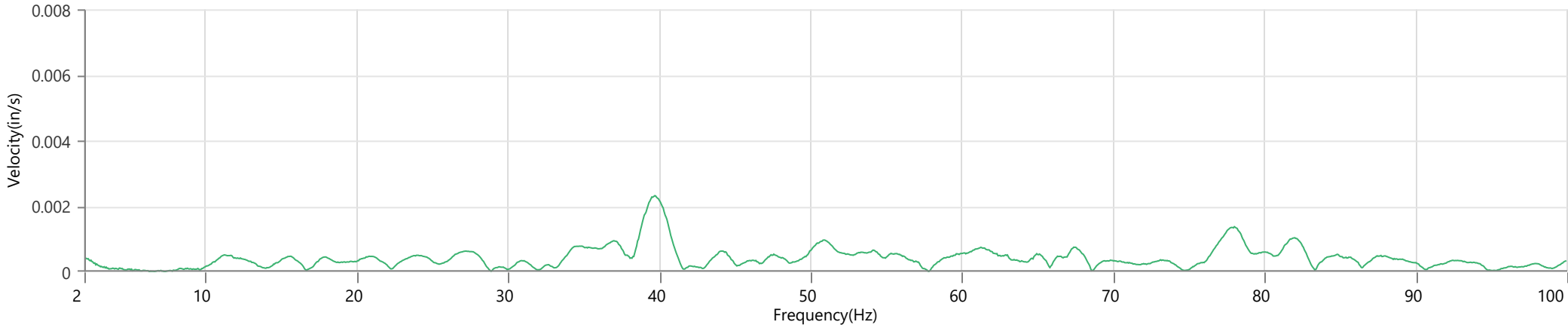
Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

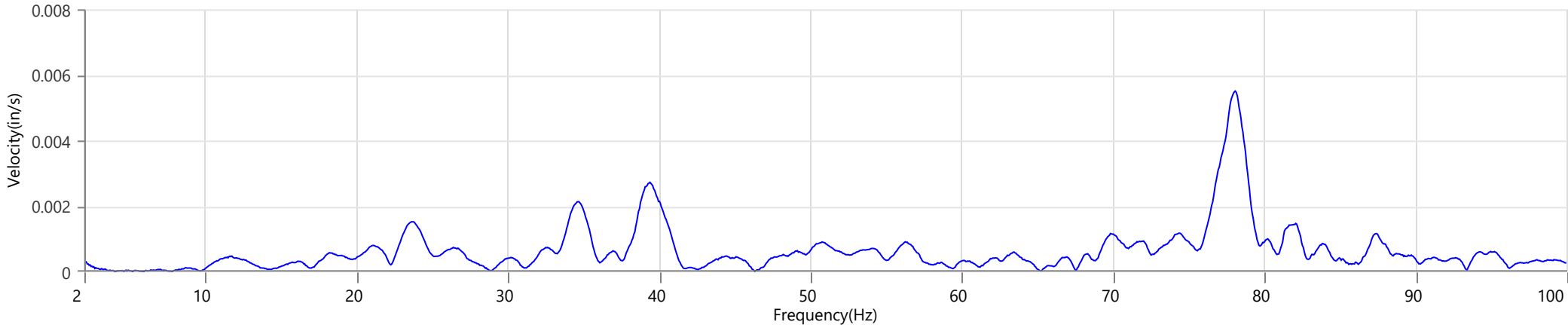
Tran - Dominant Frequency 38.8 Hz, Amplitude 0.0070 in/s (Peak Particle Velocity: 0.2920 in/s)



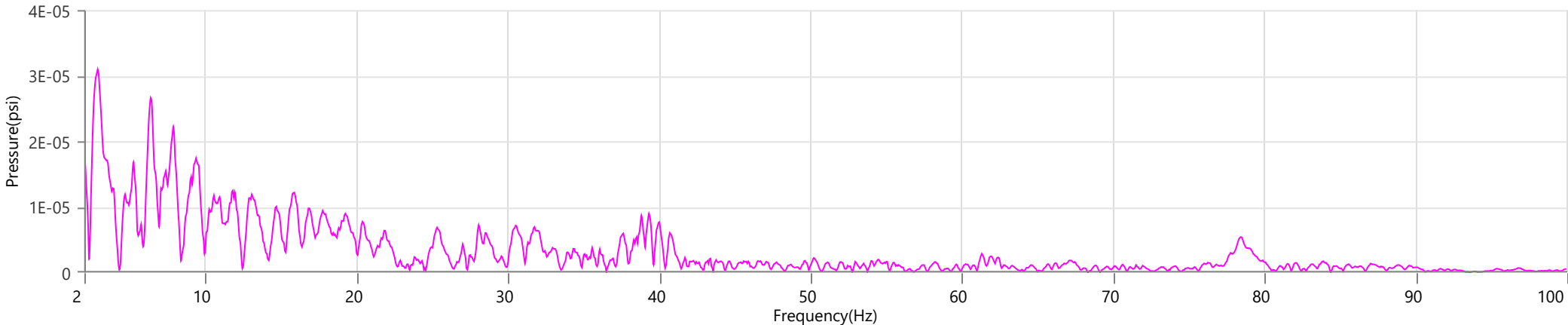
Vert - Dominant Frequency 39.7 Hz, Amplitude 0.0023 in/s (Peak Particle Velocity: 0.1614 in/s)



Long - Dominant Frequency 78.1 Hz, Amplitude 0.0055 in/s (Peak Particle Velocity: 0.2417 in/s)



Mic - Dominant Frequency 2.9 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000979 psi)



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

Vert at July 17, 2026 12:34:13
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

UM21525
Micromate ISEE 11.0CB
3.8 volts
April 6, 2026 by Instantel
UM21525_20260717123413.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

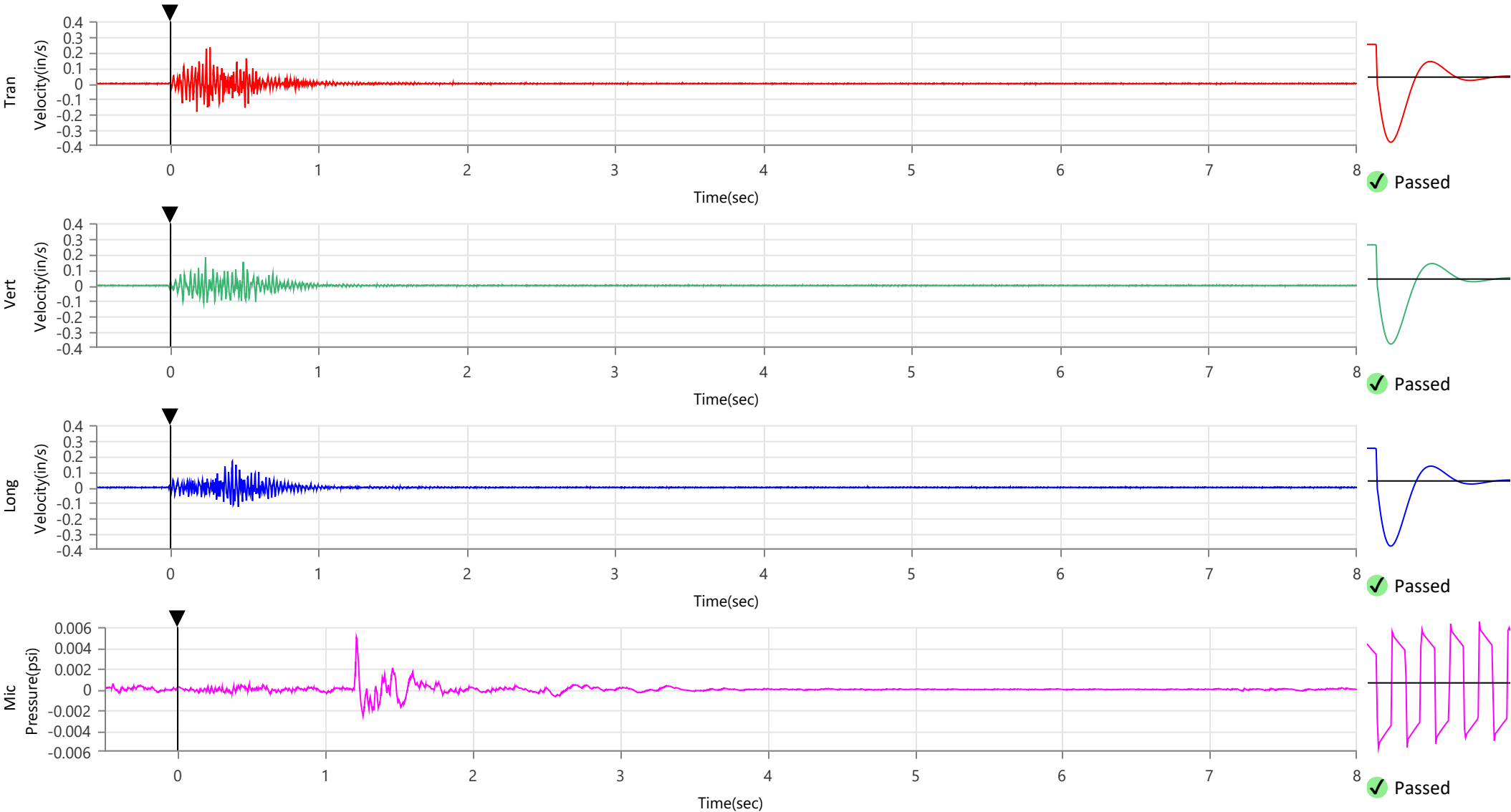
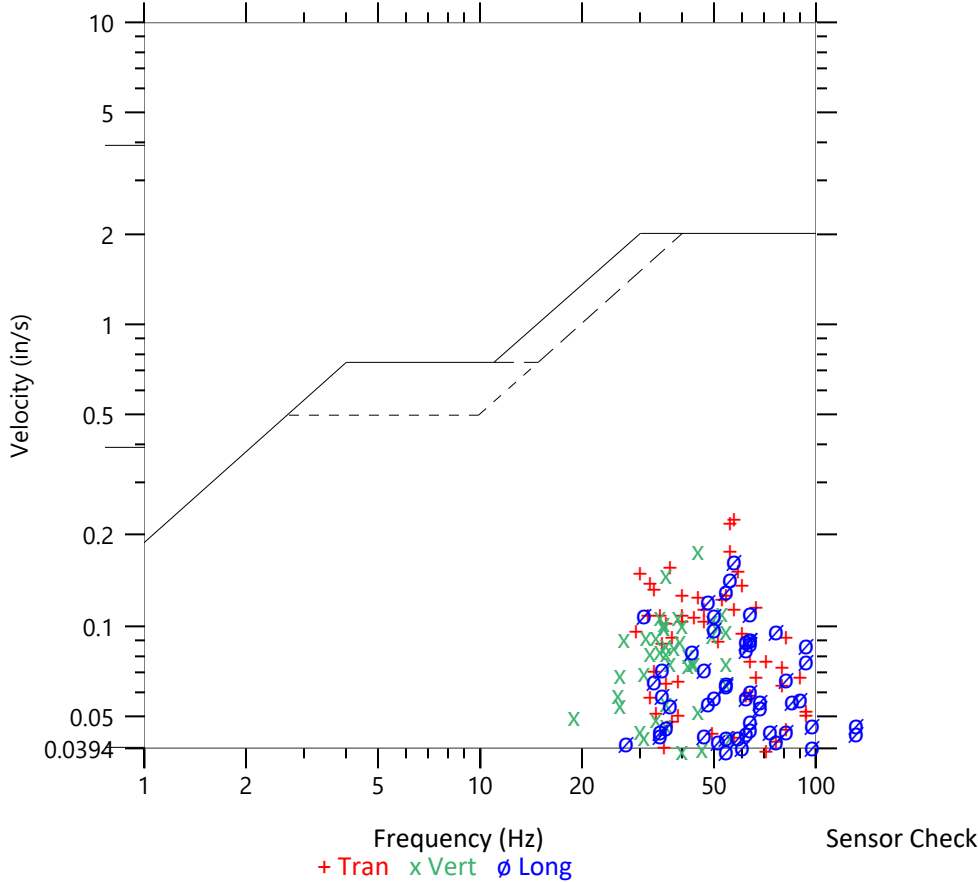
Tran	Vert	Long
0.2315 in/s	0.1809 in/s	0.1669 in/s
56.9 Hz	44.5 Hz	56.9 Hz
0.270 sec	0.240 sec	0.419 sec
0.207 g	0.151 g	0.184 g
0.001 in	0.001 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.3 Hz	7.5 Hz
4.1	4.1	4.3

Peak Vector Sum 0.2318 in/s at 0.270 sec

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

0.005000 psi
124.7 dB(L)
1.210 sec
13.7 Hz
✓ Passed
19.7 Hz
1263 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



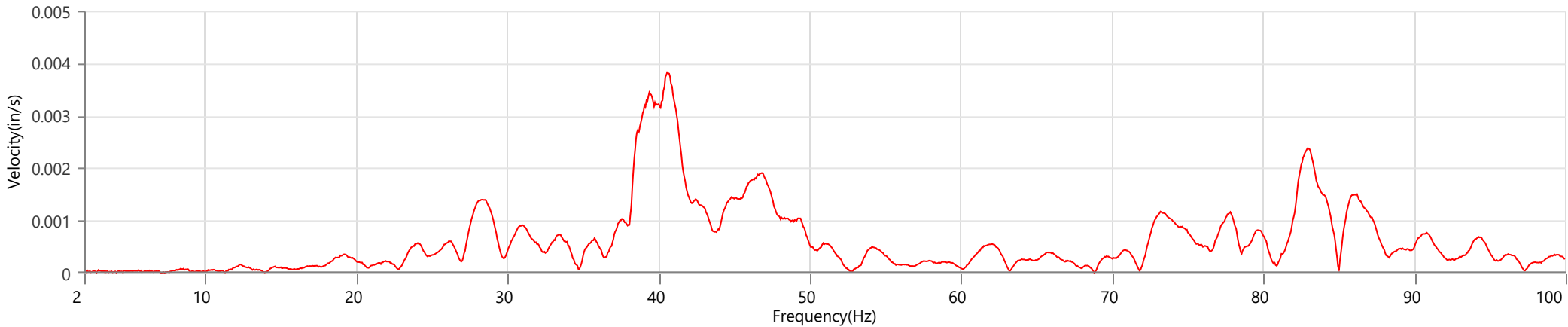
Waveform Trigger Source Vert at July 17, 2026 12:34:13
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 6.mmb
Operator Operator

Serial Number UM21525
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration April 6, 2026 by Instantel
Event File Name UM21525_20260717123413.IDFW
USB Sensor Support Disabled

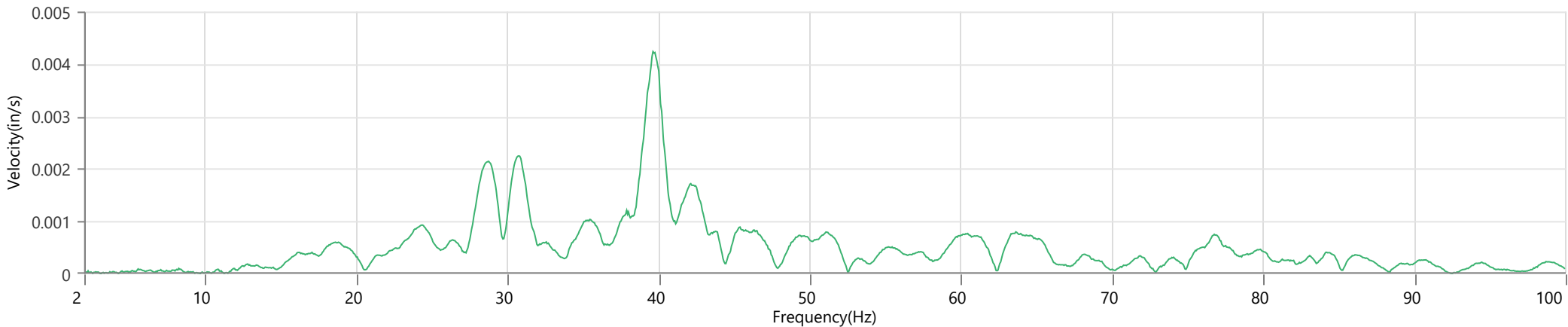
Notes
Location Station 6
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

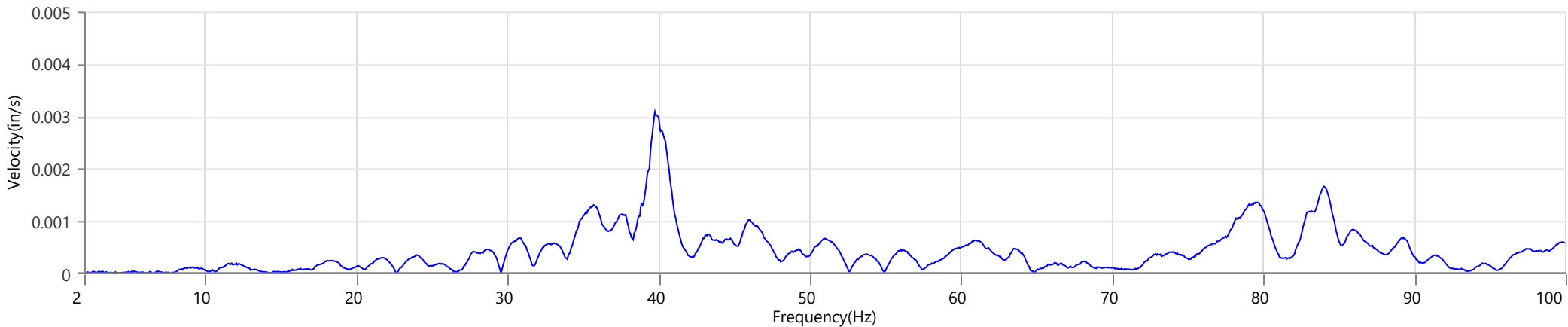
Tran - Dominant Frequency 40.6 Hz, Amplitude 0.0038 in/s (Peak Particle Velocity: 0.2315 in/s)



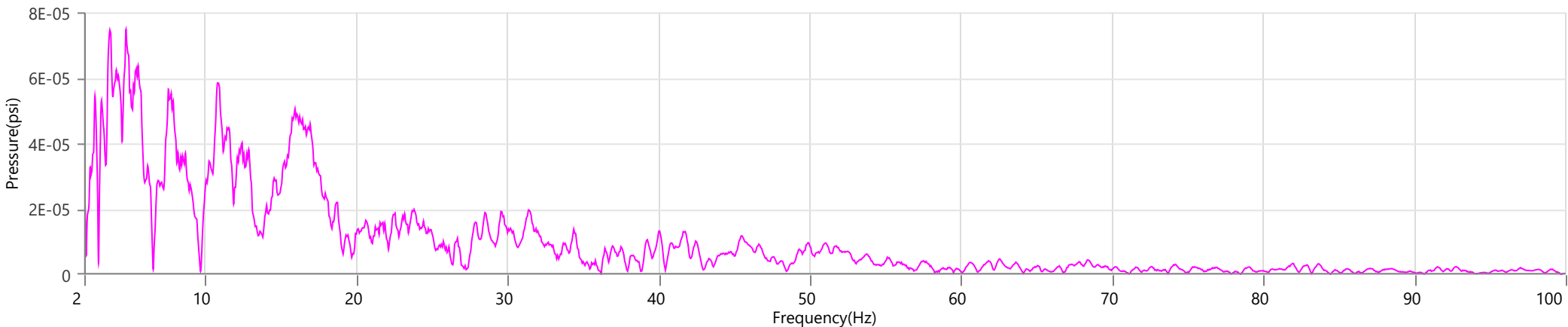
Vert - Dominant Frequency 39.6 Hz, Amplitude 0.0042 in/s (Peak Particle Velocity: 0.1809 in/s)



Long - Dominant Frequency 39.8 Hz, Amplitude 0.0031 in/s (Peak Particle Velocity: 0.1669 in/s)



Mic - Dominant Frequency 4.8 Hz, Amplitude 0.00007 psi (Peak Sound Pressure Level: 0.005000 psi)





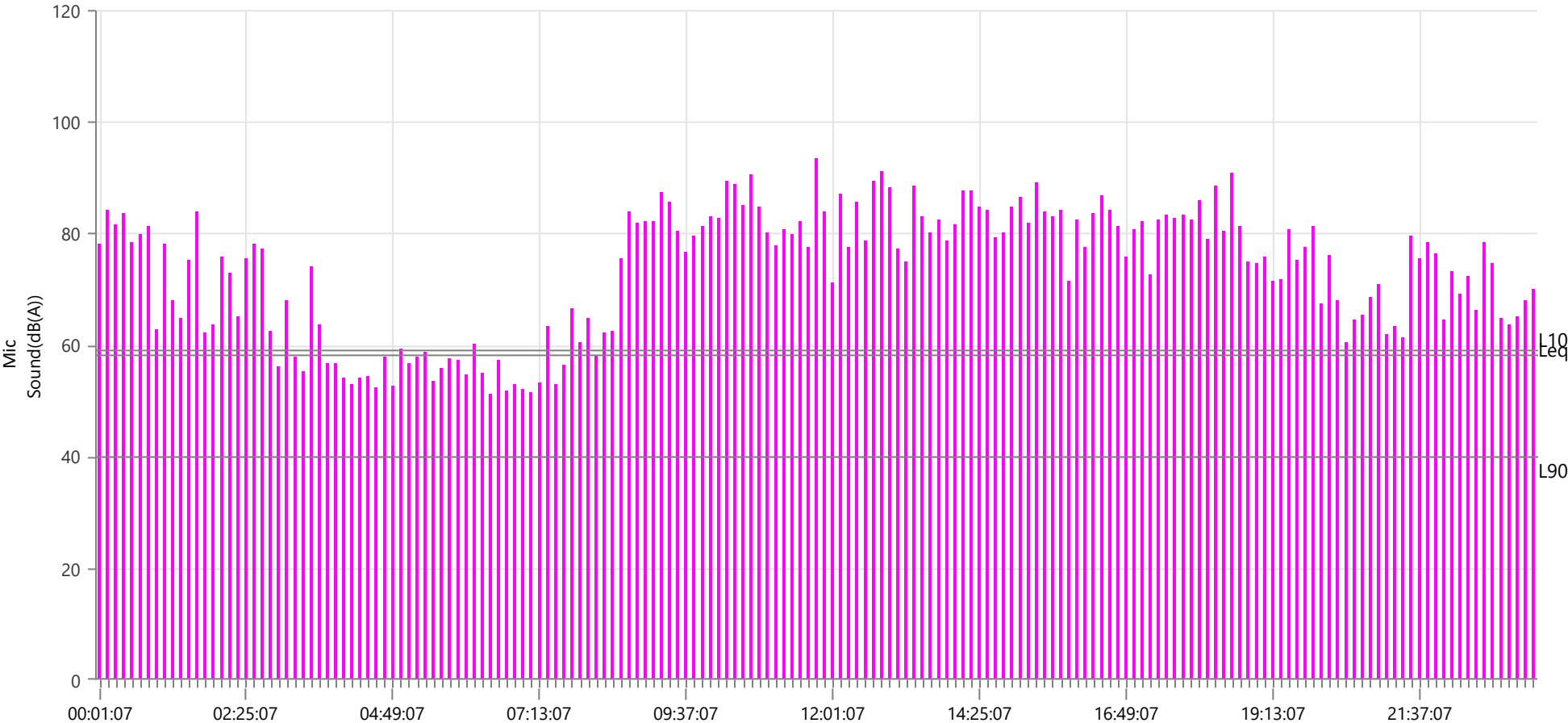
Start July 18, 2026 00:00:07
Finish July 18, 2026 23:29:59
Number of Intervals/Interval 1409.88/60 sec
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Noise 3.mmb
Operator Operator

Serial Number UM13925
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration April 6, 2026 by Instantel
Microphone Calibration UA10751, April 6, 2026 by Instantel
Event File Name UM13925_20260718000007.IDFH
USB Sensor Support Disabled

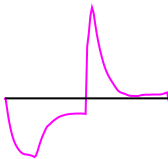
Notes
Location Noise 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Sound Level Microphone
LMax 93.5 dB(A)
Date Jul 18, 2026
Time 11:52:07
Sound(dB(A)) LMin 32.6 L10 58 L90 40 Leq 59.0
Sensor Check Passed
Test Amplitude 1090 mv



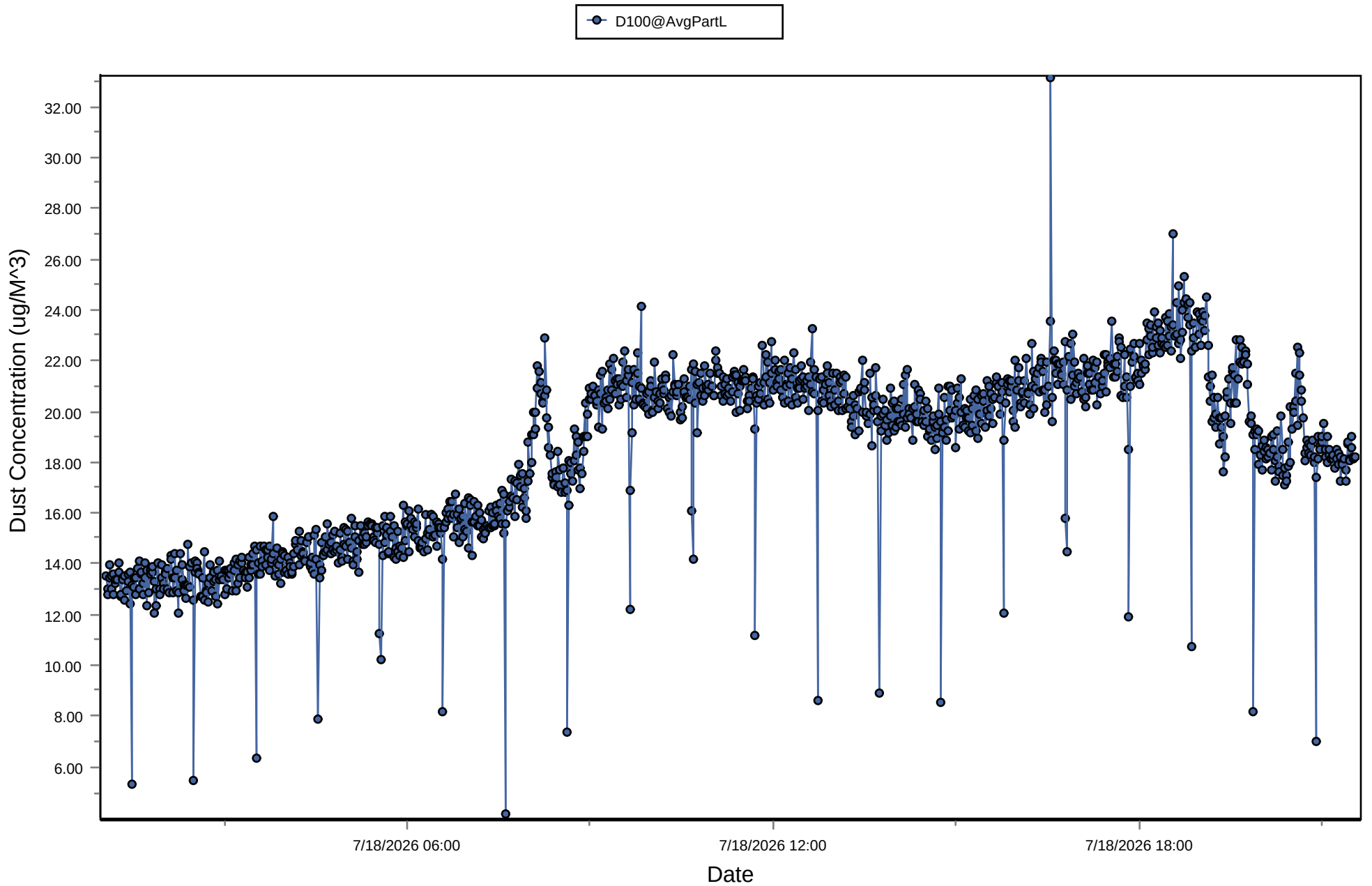
Sensor Check



Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

