

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

Vert at June 26, 2026 11:25:34
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_20260626112534.IDFW
Disabled

Notes
Location
Client
Company
General Notes

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

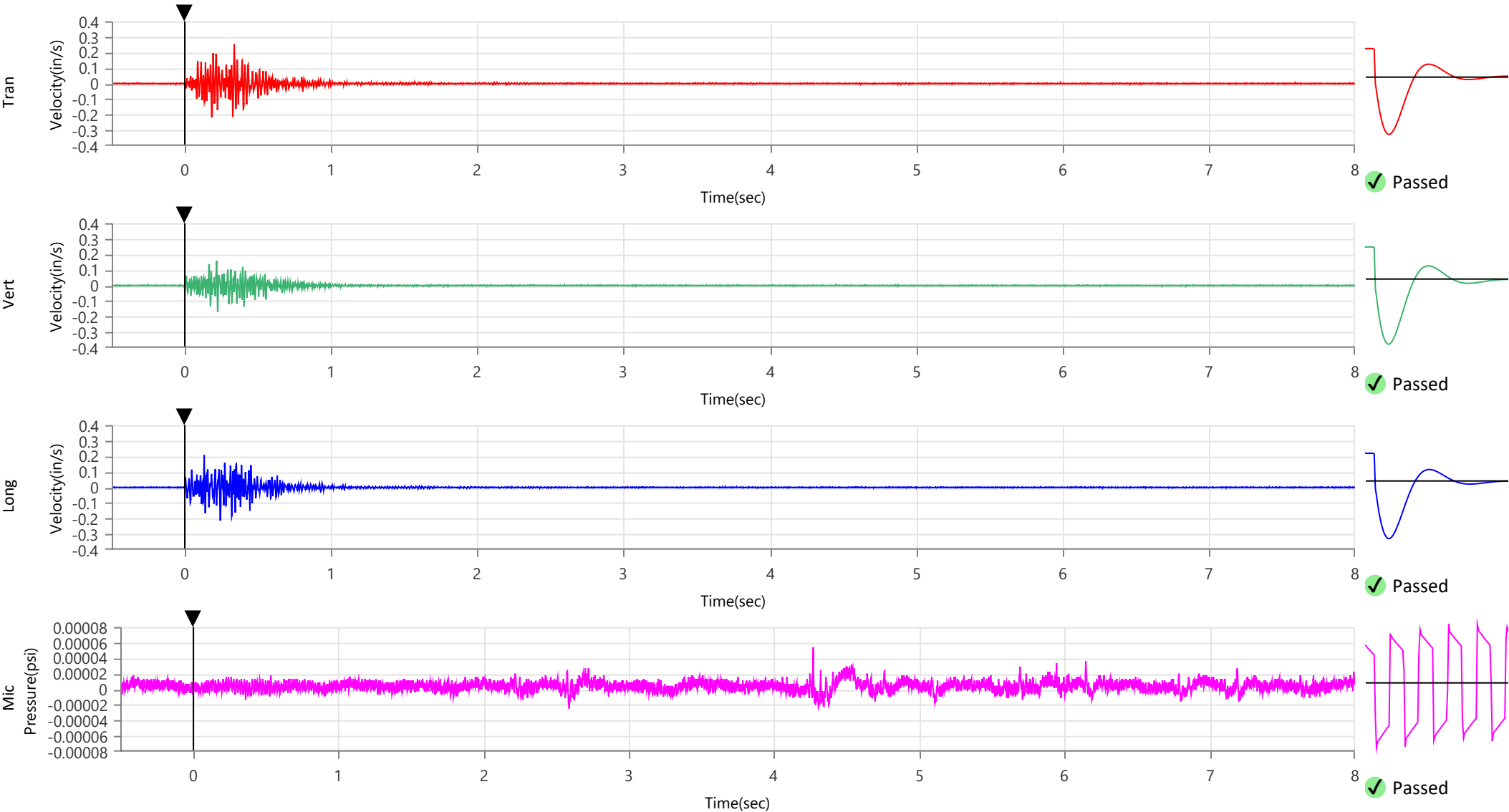
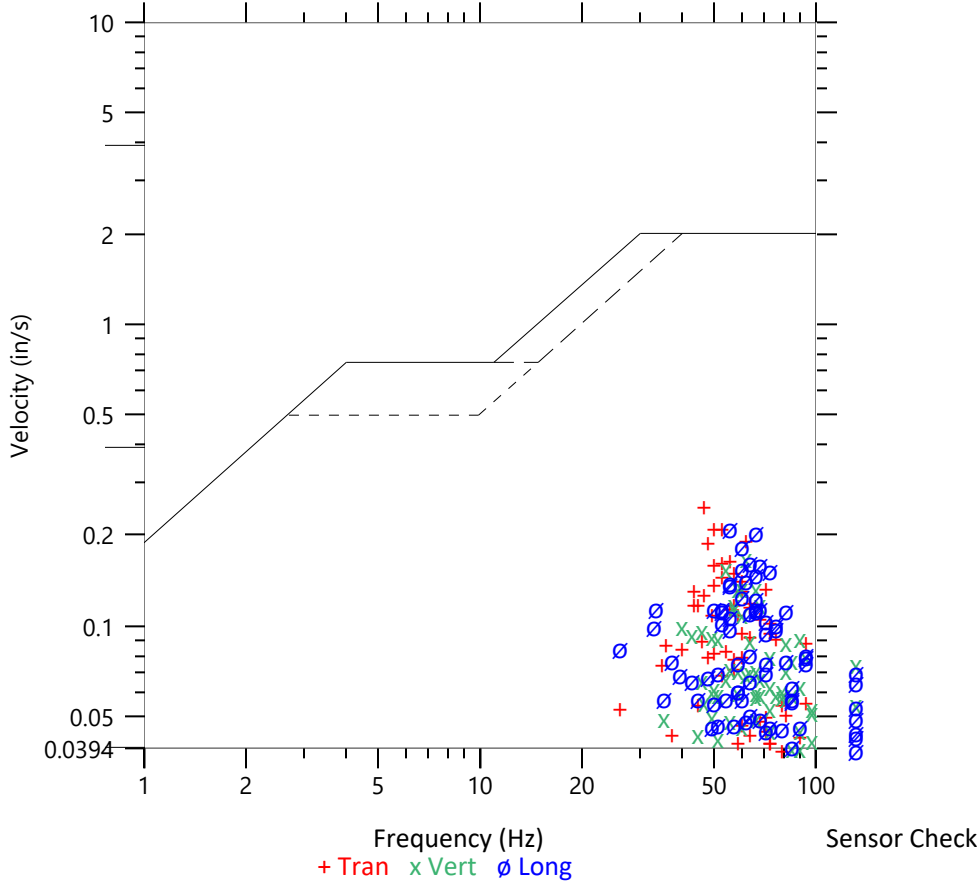
Extended Note N30.49572 W98.21577
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2535 in/s	0.1713 in/s	0.2135 in/s
Zero Crossing Frequency	46.5 Hz	64.0 Hz	55.4 Hz
Time (Relative to Trigger)	0.338 sec	0.225 sec	0.242 sec
Peak Acceleration	0.207 g	0.214 g	0.234 g
Peak Displacement	0.001 in	0.000 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.4	4.9	5.0
Peak Vector Sum	0.2750 in/s at 0.339 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)
4.271 sec
81.9 Hz
✓ Passed
19.7 Hz
1247 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
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Operator

Vert at June 26, 2026 11:25:34
Geo 0.0200 in/s
Mic 0.01029 psi, 131 dB(L)
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4096 sps
Spicewood Hwy 71 - Station 1.mmb
Operator

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

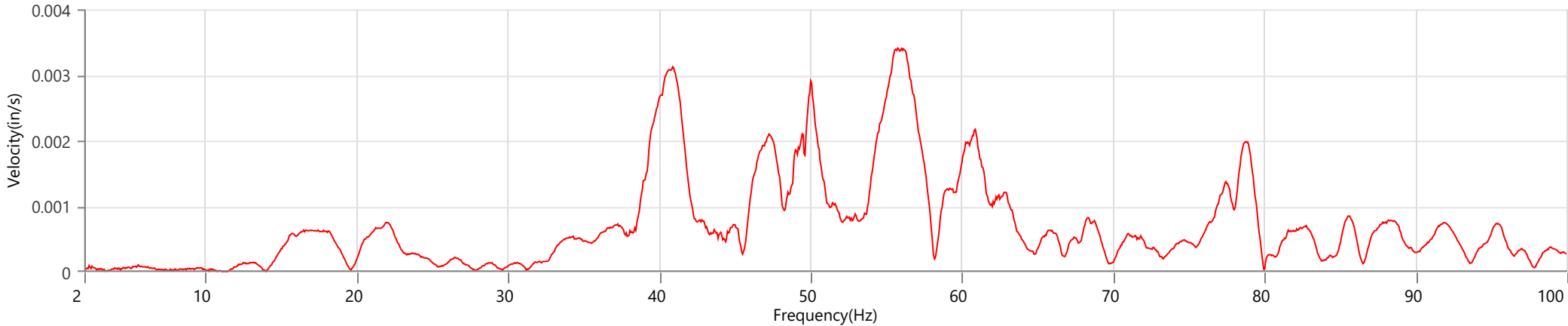
UM20084
Micromate ISEE 11.0CB
3.8 volts
December 31, 2025 by Instantel
UM20084_20260626112534.IDFW
Disabled

Notes
Location
Client
Company
General Notes

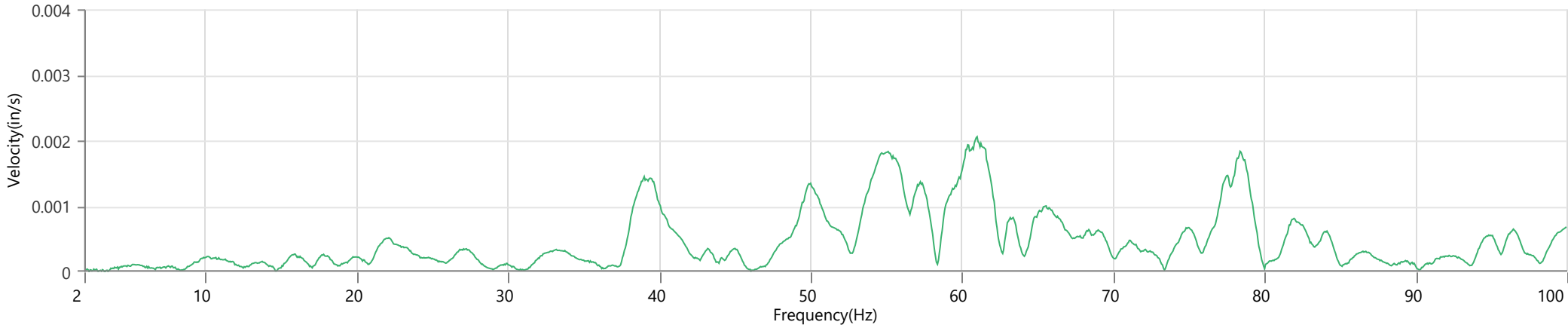
Station 1
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

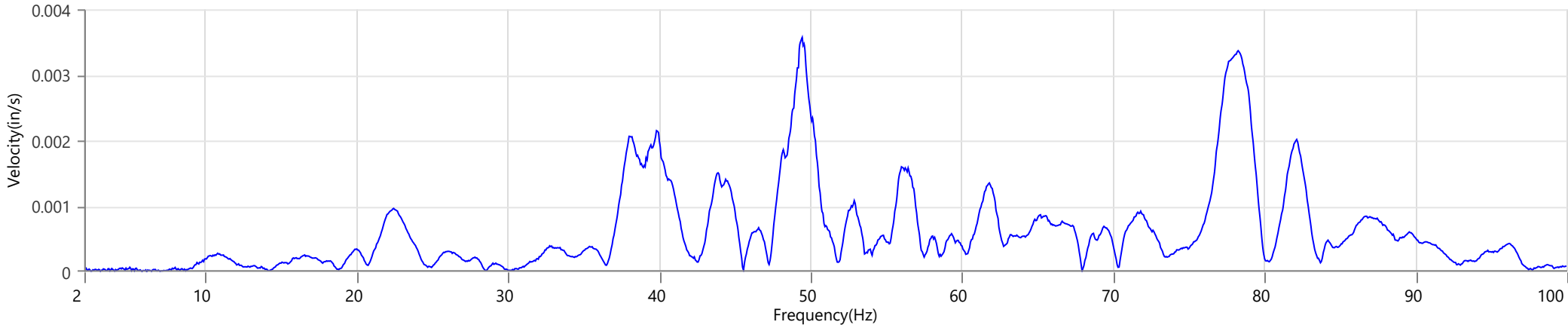
Tran - Dominant Frequency 55.8 Hz, Amplitude 0.0034 in/s (Peak Particle Velocity: 0.2535 in/s)



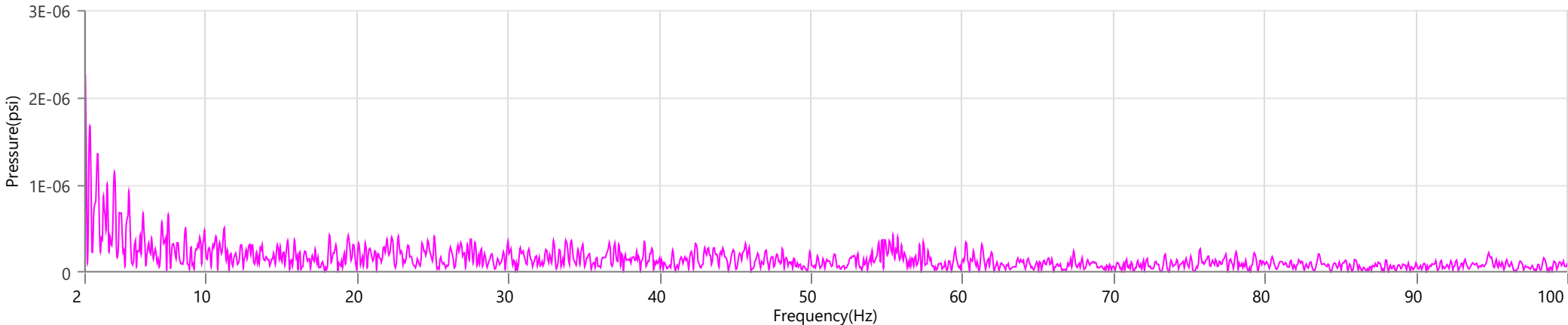
Vert - Dominant Frequency 61.0 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1713 in/s)



Long - Dominant Frequency 49.4 Hz, Amplitude 0.0036 in/s (Peak Particle Velocity: 0.2135 in/s)



Mic - Dominant Frequency 2.1 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000054 psi)



Waveform Trigger Source Long at June 26, 2026 12:25:35
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_20260626122535.IDFW
USB Sensor Support Disabled

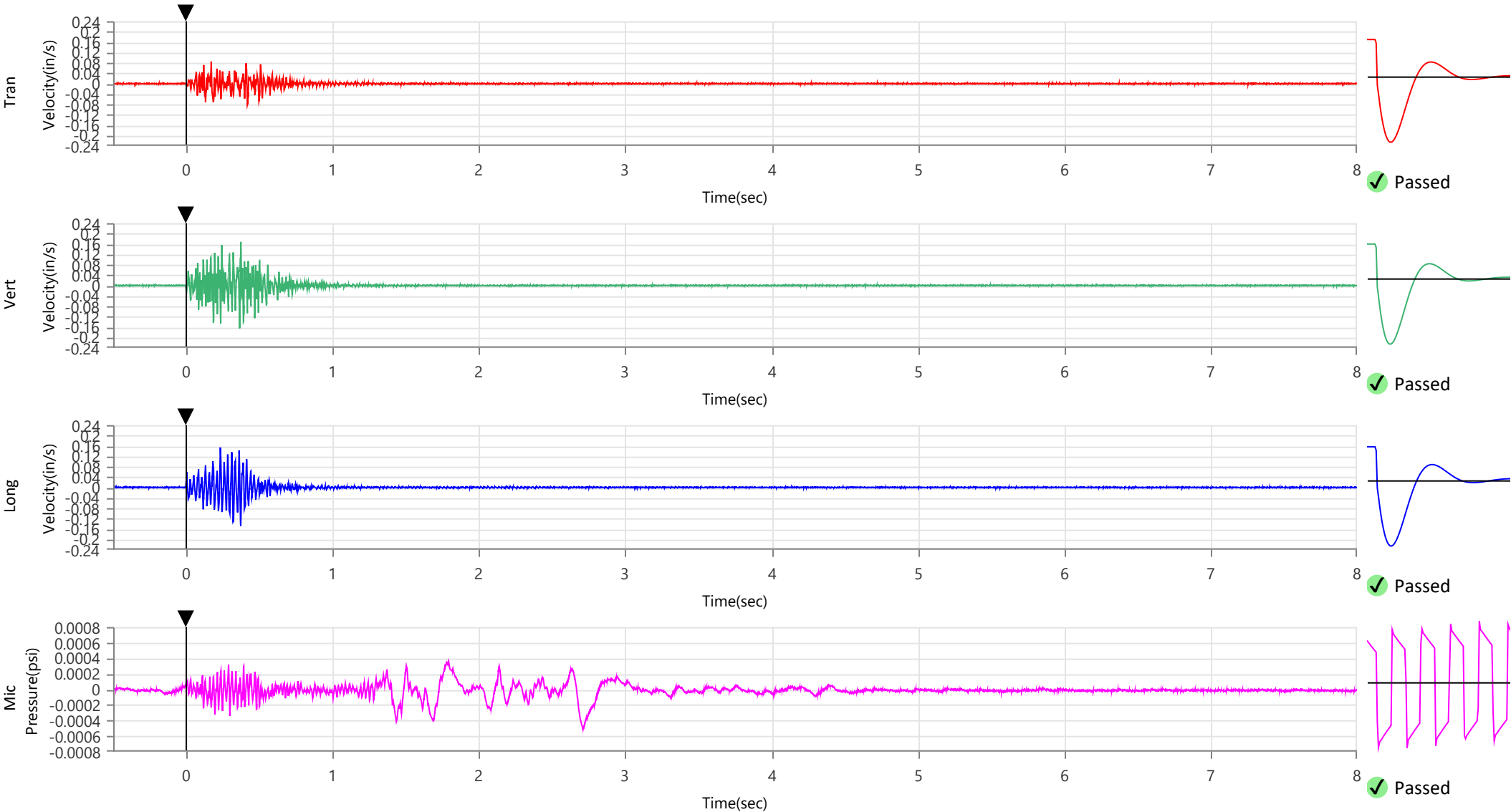
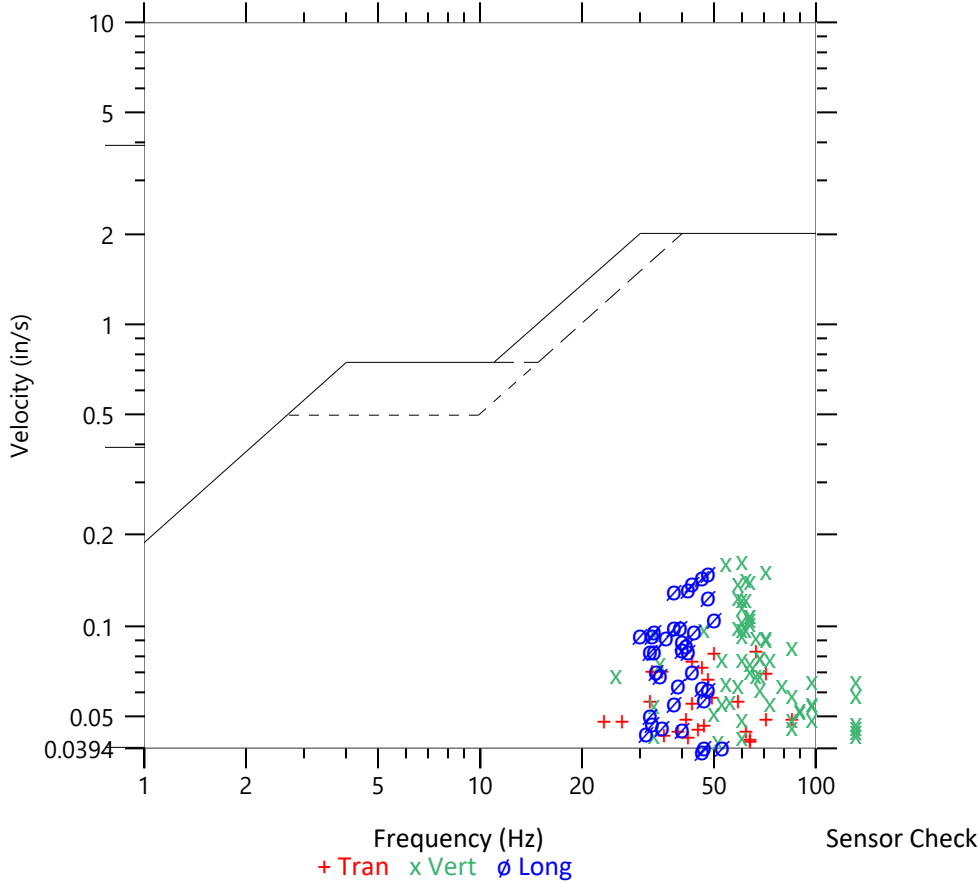
Notes
Location Station 2
Client Spicewood Crushed Stone
Company Hwy 71
General Notes IGS, Inc

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0850 in/s	0.1679 in/s	0.1539 in/s
Zero Crossing Frequency	66.1 Hz	60.2 Hz	47.6 Hz
Time (Relative to Trigger)	0.170 sec	0.374 sec	0.233 sec
Peak Acceleration	0.092 g	0.181 g	0.128 g
Peak Displacement	0.000 in	0.001 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.7 Hz	7.3 Hz
Overswing Ratio	4.3	4.2	3.9
Peak Vector Sum	0.2183 in/s at 0.373 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000509 psi
Peak Sound Pressure Level 104.9 dB(L)
Time (Relative to Trigger) 2.710 sec
Zero Crossing Frequency 3.3 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1255 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Waveform Trigger Source Long at June 26, 2026 12:25:35
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

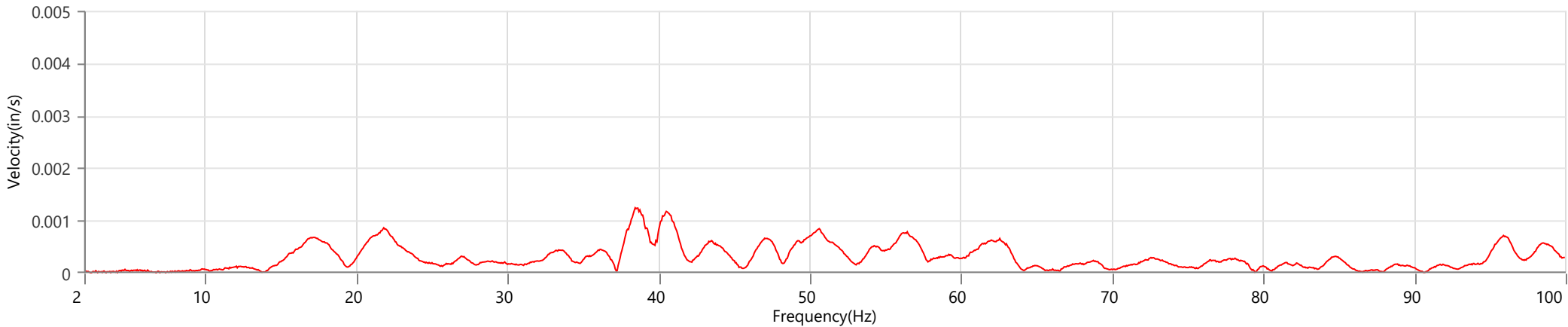
Serial Number UM21416
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration May 5, 2026 by Instantel
Event File Name UM21416_20260626122535.IDFW
USB Sensor Support Disabled

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

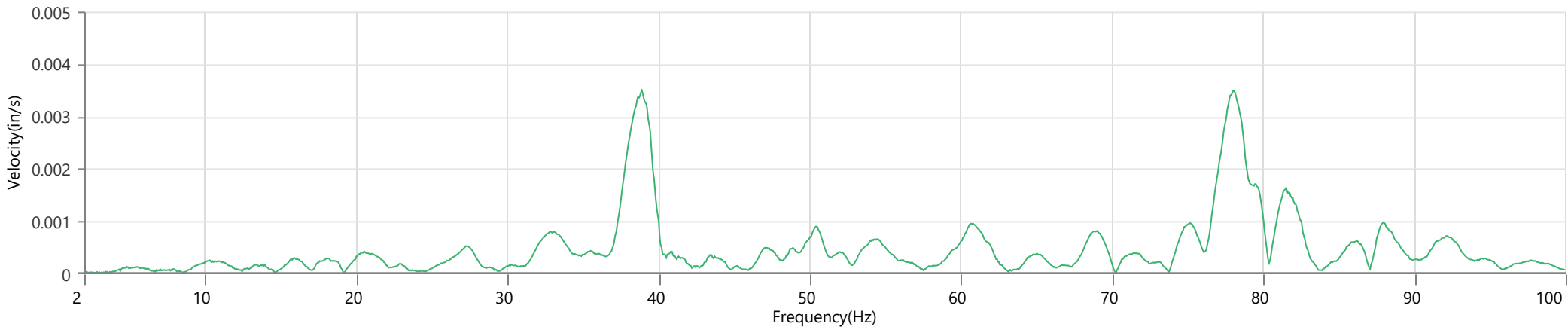
Extended Note N30.49650 W-98.21572

Post Event Notes No text to be displayed.

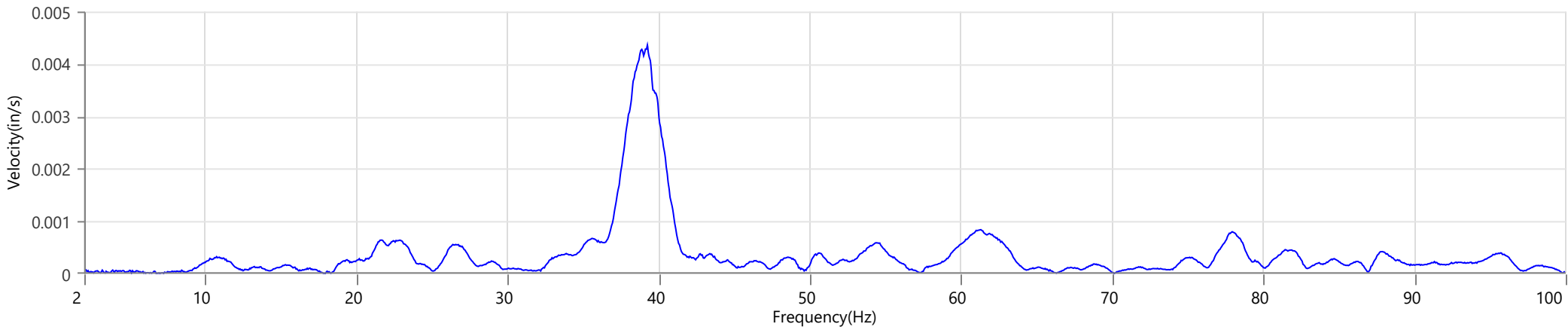
Tran - Dominant Frequency 38.4 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0850 in/s)



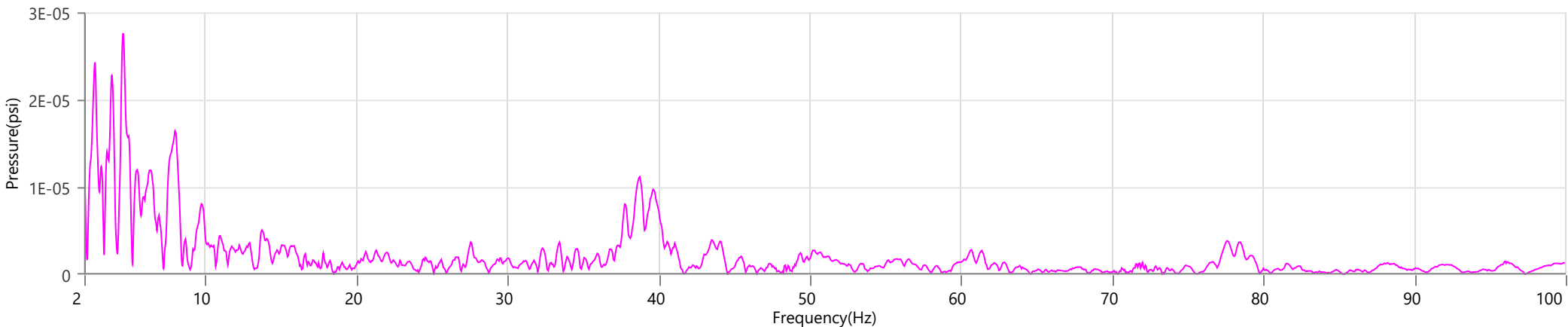
Vert - Dominant Frequency 38.9 Hz, Amplitude 0.0035 in/s (Peak Particle Velocity: 0.1679 in/s)



Long - Dominant Frequency 39.2 Hz, Amplitude 0.0044 in/s (Peak Particle Velocity: 0.1539 in/s)



Mic - Dominant Frequency 4.6 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000509 psi)



Waveform Trigger Source Long at June 26, 2026 11:25:34
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_20260626112534.IDFW
USB Sensor Support Disabled

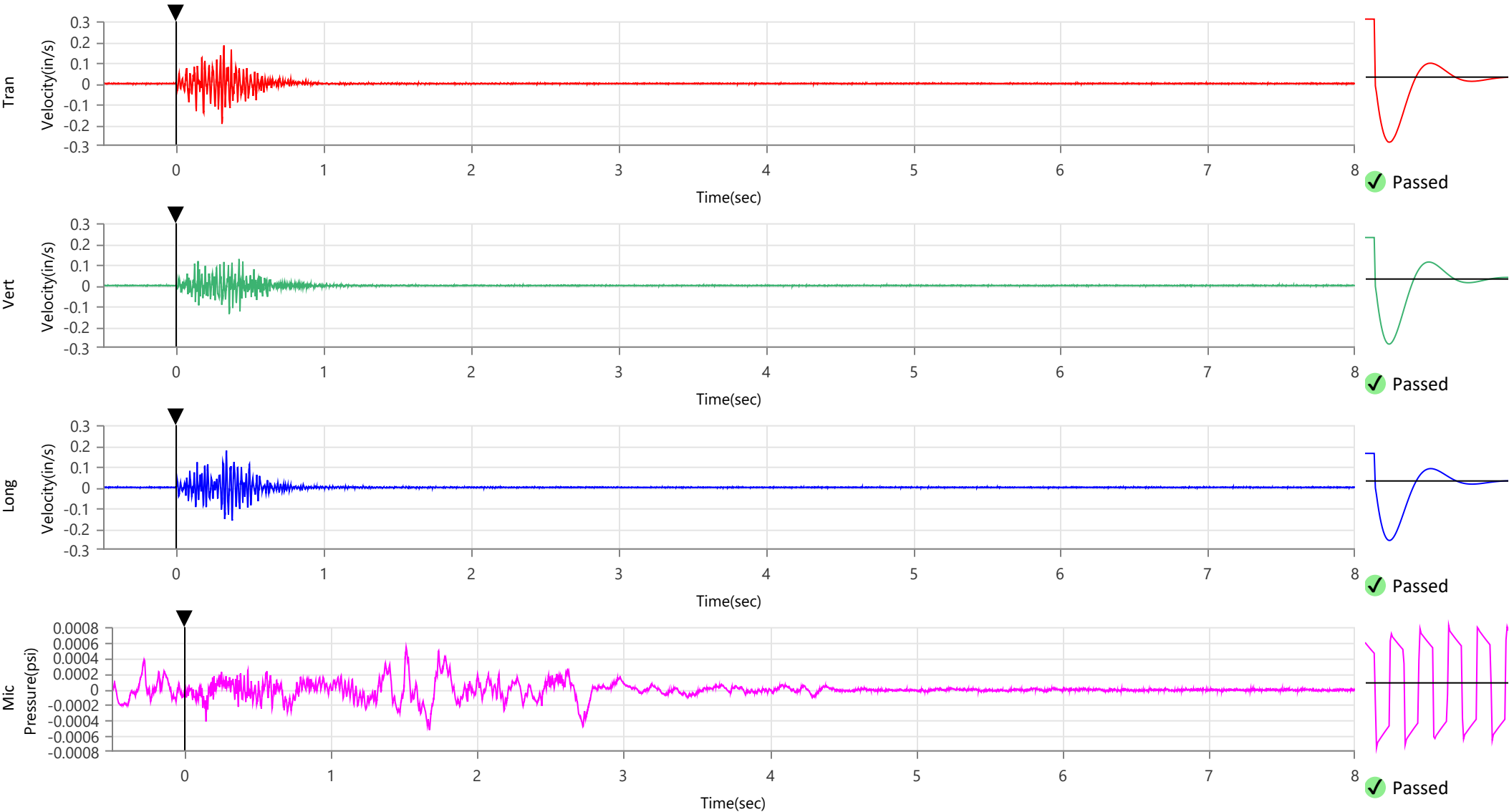
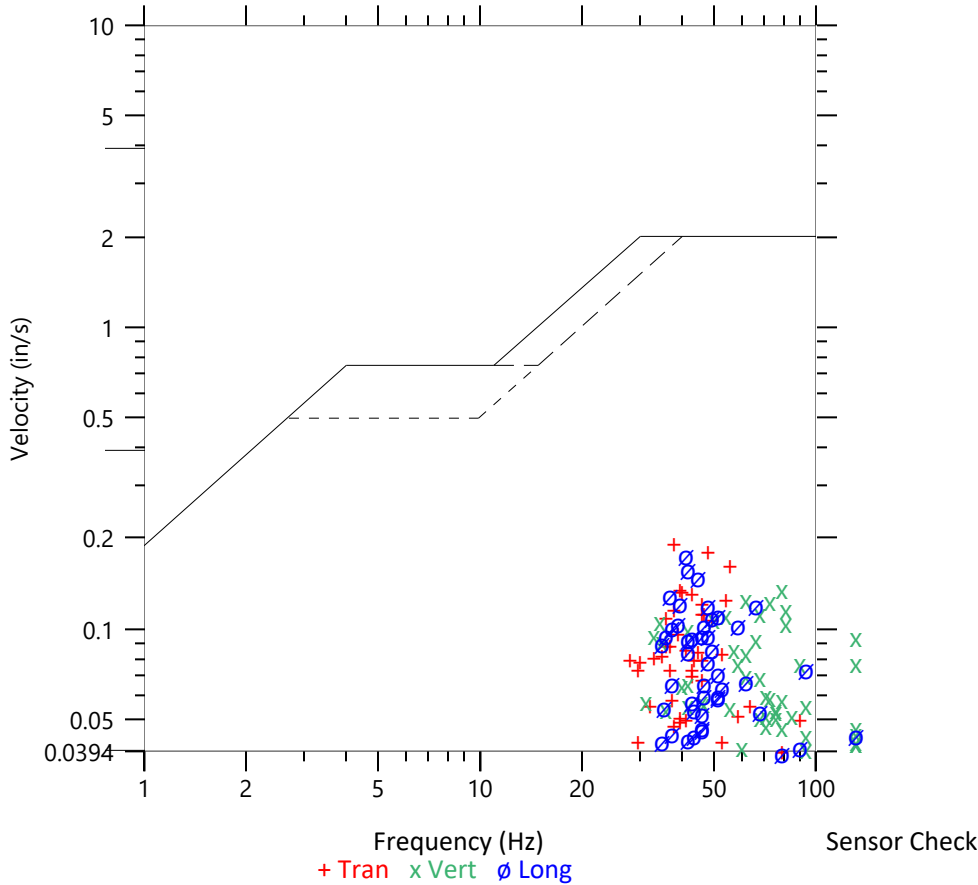
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1946 in/s	0.1372 in/s	0.1775 in/s
Zero Crossing Frequency	37.9 Hz	78.8 Hz	41.0 Hz
Time (Relative to Trigger)	0.308 sec	0.356 sec	0.338 sec
Peak Acceleration	0.171 g	0.188 g	0.168 g
Peak Displacement	0.001 in	0.000 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	7.1 Hz
Overswing Ratio	4.6	3.8	4.8
Peak Vector Sum	0.2195 in/s at 0.320 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000542 psi
Peak Sound Pressure Level 105.4 dB(L)
Time (Relative to Trigger) 1.514 sec
Zero Crossing Frequency 11.9 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1584 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



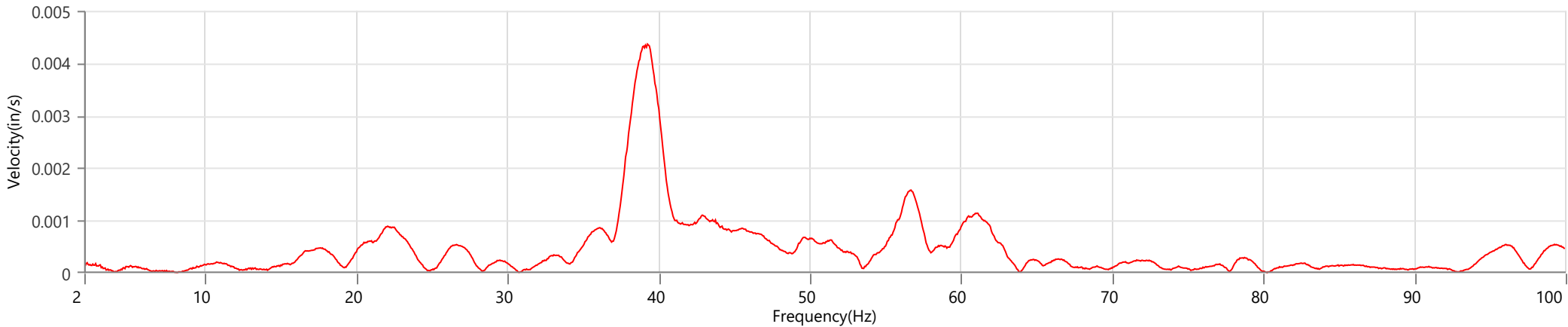
Waveform Trigger Source Long at June 26, 2026 11:25:34
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20260626112534.IDFW
USB Sensor Support Disabled

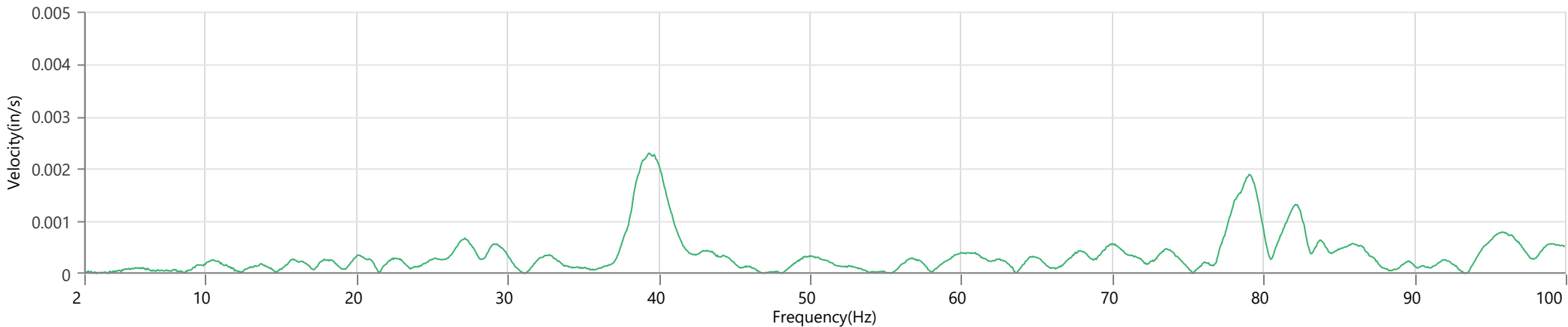
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

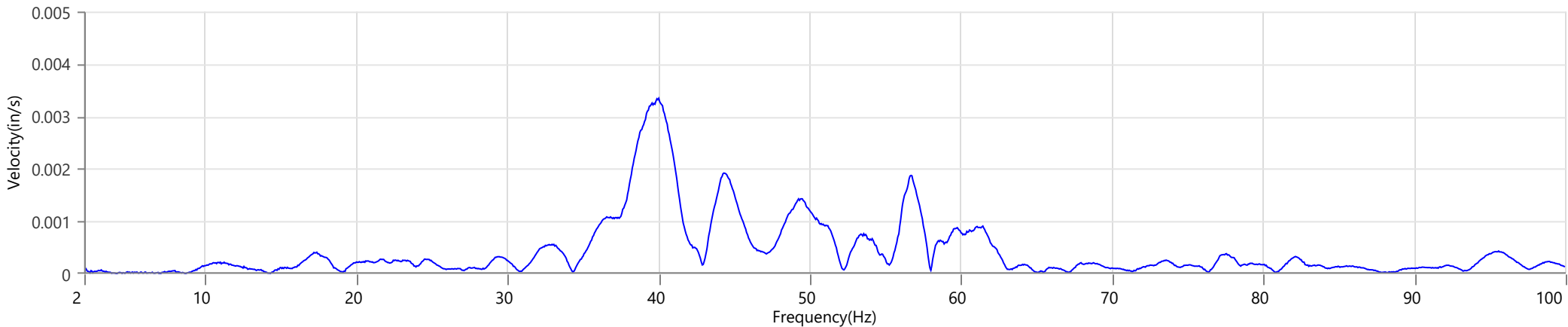
Tran - Dominant Frequency 39.2 Hz, Amplitude 0.0044 in/s (Peak Particle Velocity: 0.1946 in/s)



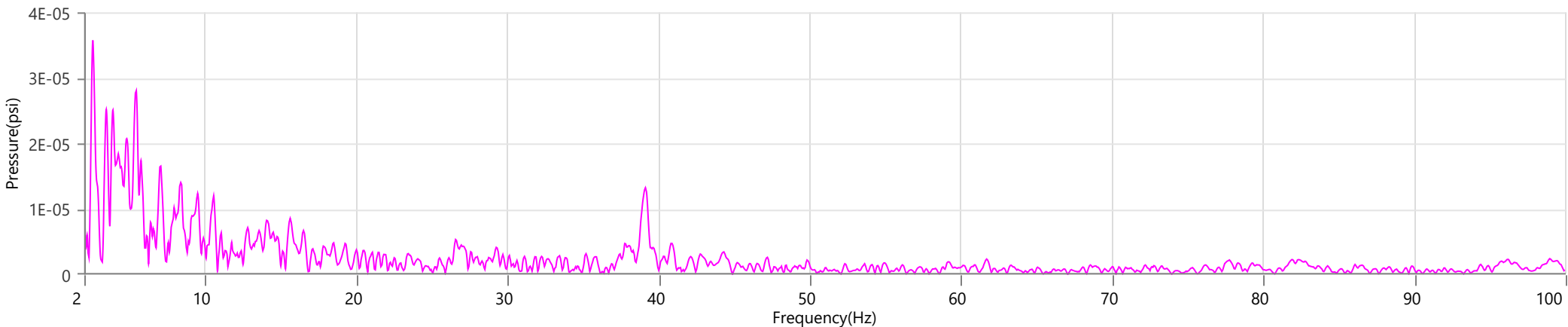
Vert - Dominant Frequency 39.4 Hz, Amplitude 0.0023 in/s (Peak Particle Velocity: 0.1372 in/s)



Long - Dominant Frequency 40.0 Hz, Amplitude 0.0033 in/s (Peak Particle Velocity: 0.1775 in/s)



Mic - Dominant Frequency 2.6 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.000542 psi)



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

Vert at June 26, 2026 11:25:37
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_20260626112537.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

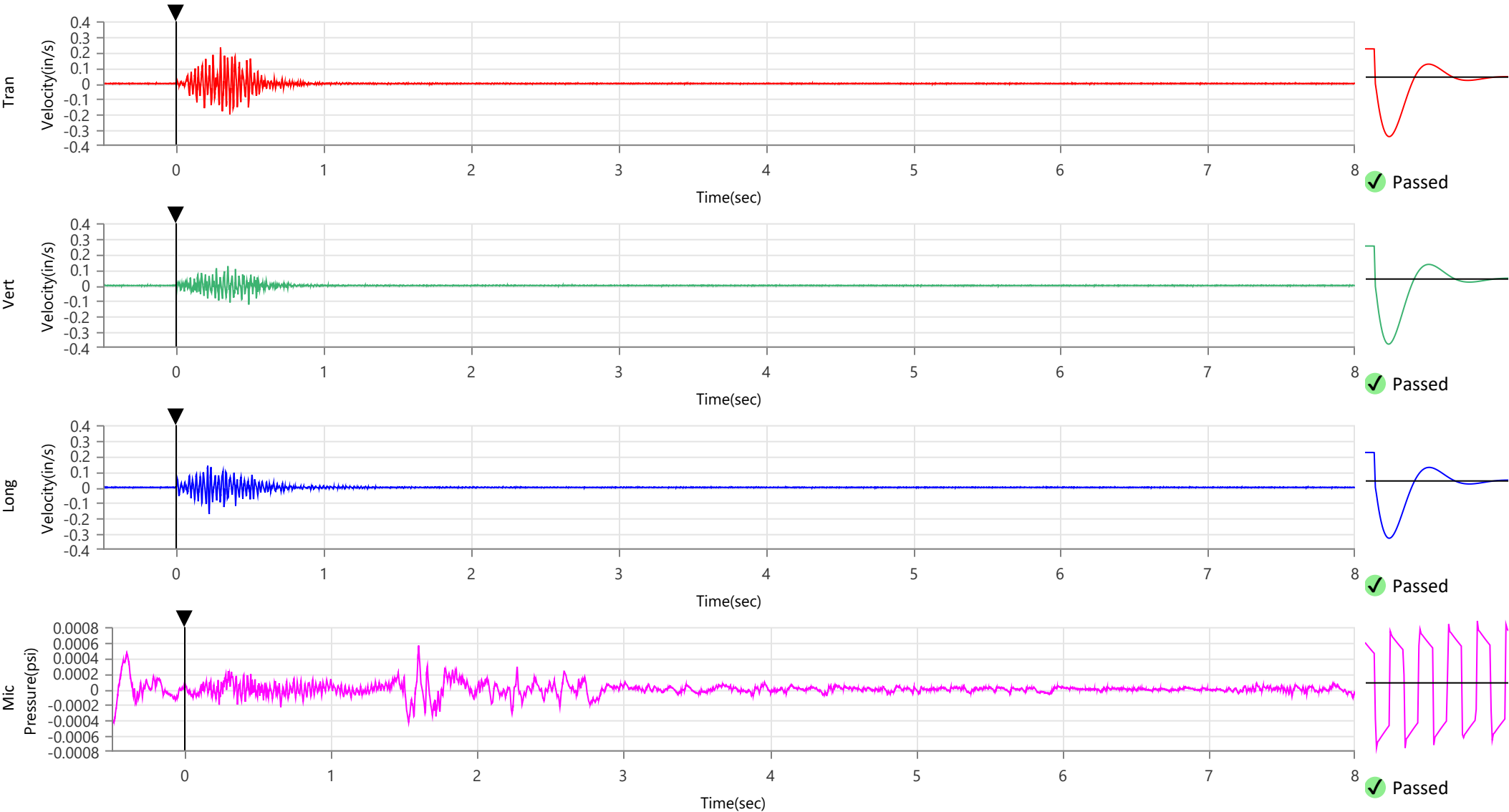
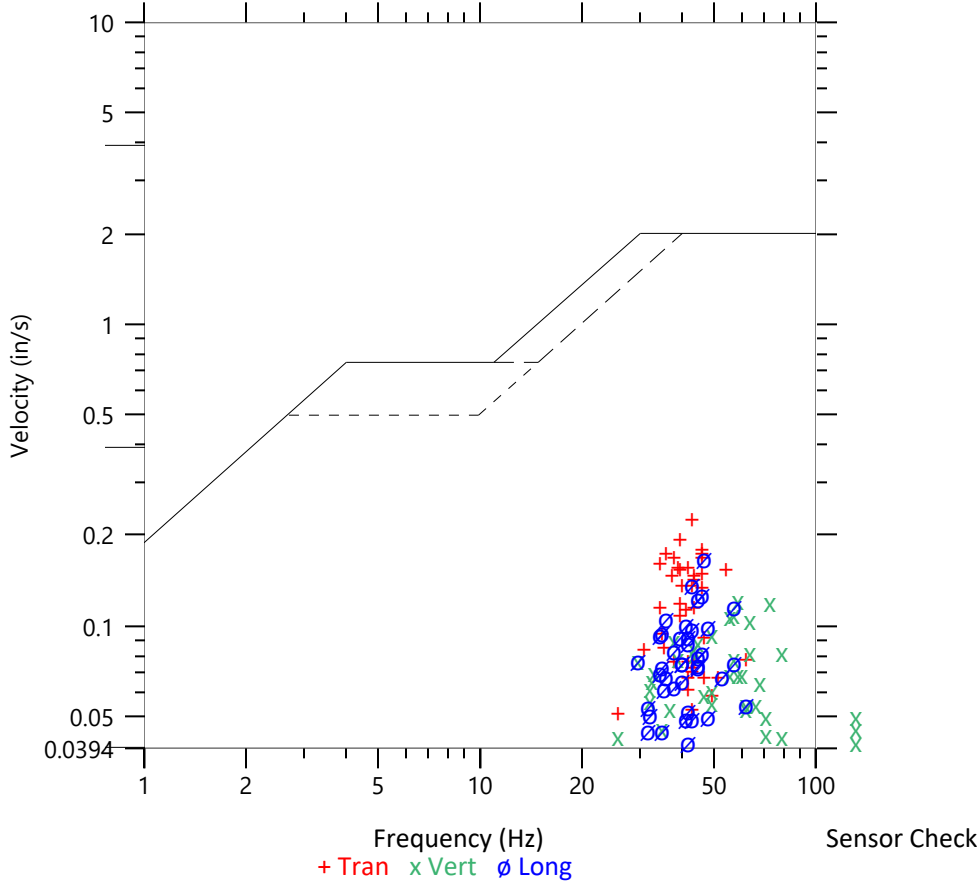
Tran	Vert	Long
0.2315 in/s	0.1241 in/s	0.1713 in/s
42.7 Hz	58.5 Hz	46.5 Hz
0.297 sec	0.348 sec	0.221 sec
0.224 g	0.148 g	0.161 g
0.001 in	0.000 in	0.001 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.5 Hz	7.3 Hz
4.5	4.4	4.2

Peak Vector Sum 0.2462 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

0.000563 psi
105.8 dB(L)
1.599 sec
11.1 Hz
✓ Passed
19.7 Hz
1273 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



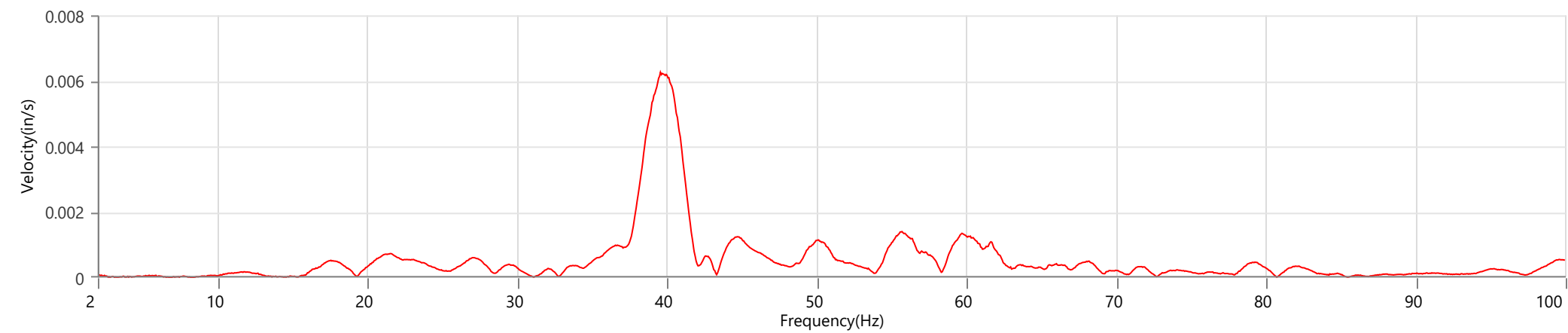
Waveform Trigger Source Vert at June 26, 2026 11:25:37
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 4.mmb
Operator Operator

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_20260626112537.IDFW
USB Sensor Support Disabled

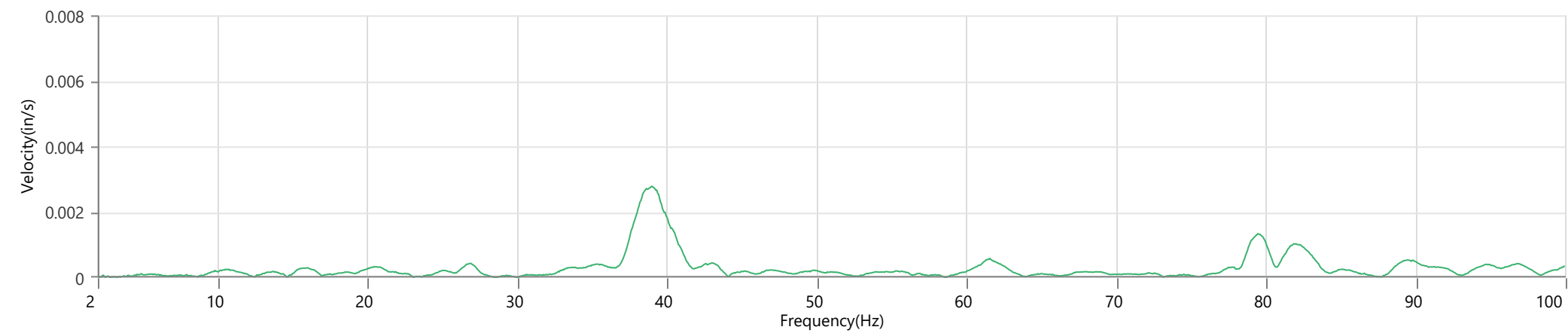
Notes
Location Station 4
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

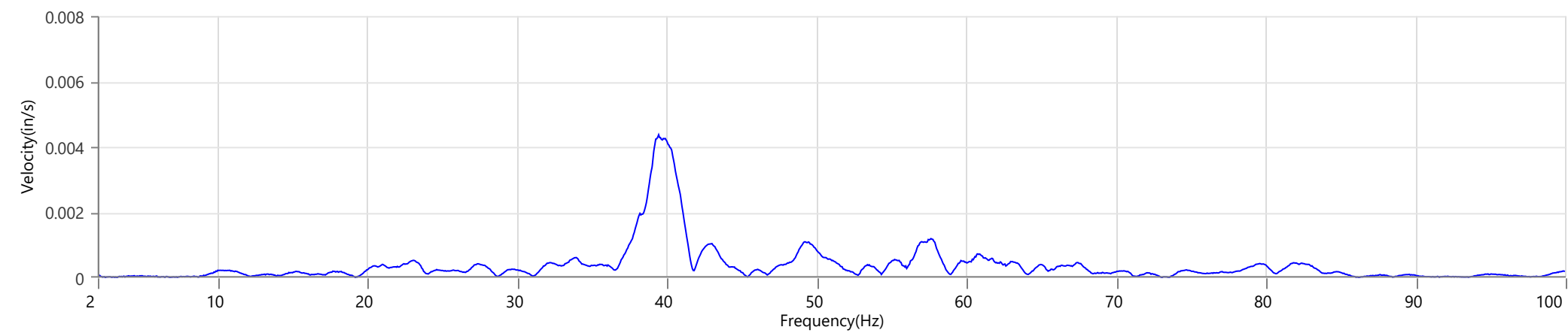
Tran - Dominant Frequency 39.6 Hz, Amplitude 0.0063 in/s (Peak Particle Velocity: 0.2315 in/s)



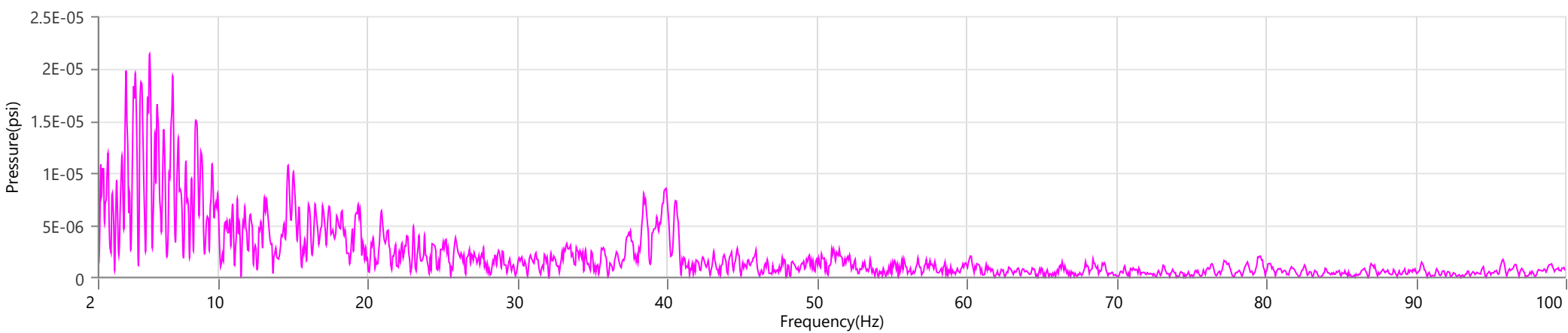
Vert - Dominant Frequency 39.0 Hz, Amplitude 0.0028 in/s (Peak Particle Velocity: 0.1241 in/s)



Long - Dominant Frequency 39.4 Hz, Amplitude 0.0044 in/s (Peak Particle Velocity: 0.1713 in/s)



Mic - Dominant Frequency 5.4 Hz, Amplitude 0.00002 psi (Peak Sound Pressure Level: 0.000563 psi)



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

Vert at June 26, 2026 11:25:34
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_20260626112534.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

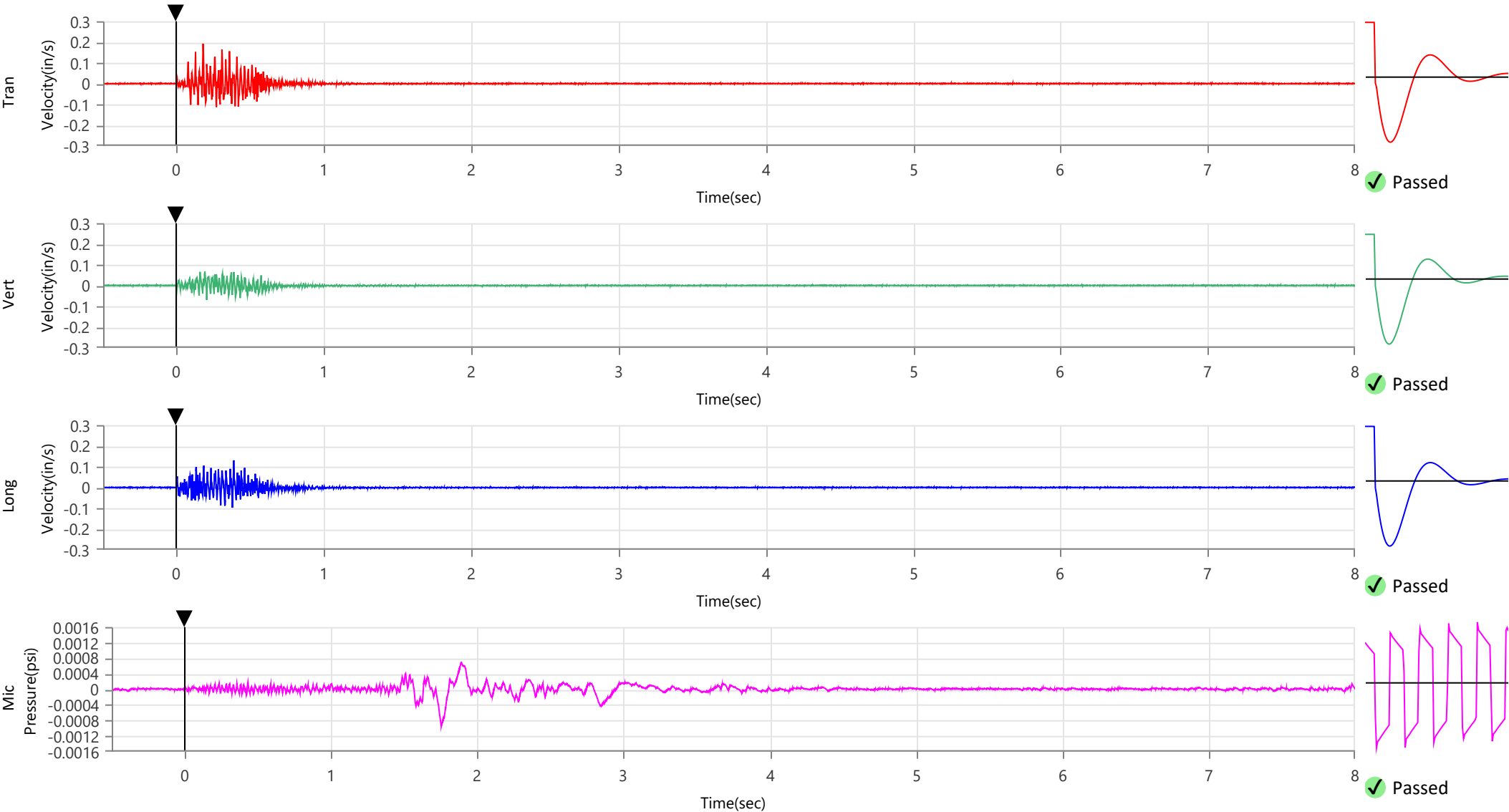
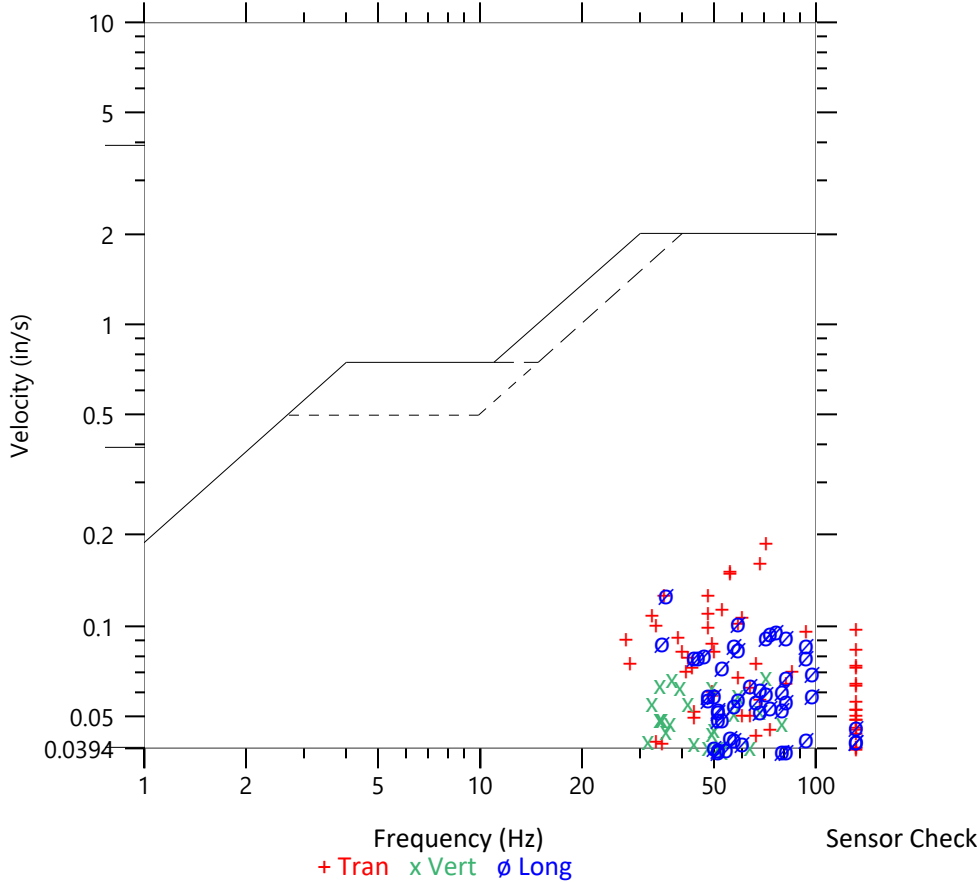
Tran	Vert	Long
0.1921 in/s	0.0695 in/s	0.1303 in/s
70.6 Hz	70.6 Hz	35.9 Hz
0.180 sec	0.204 sec	0.388 sec
0.217 g	0.099 g	0.142 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.7 Hz	7.3 Hz
2.9	3.2	3.5

Peak Vector Sum 0.1925 in/s at 0.180 sec

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

0.000945 psi
110.3 dB(L)
1.754 sec
5.8 Hz
✓ Passed
19.7 Hz
1251 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



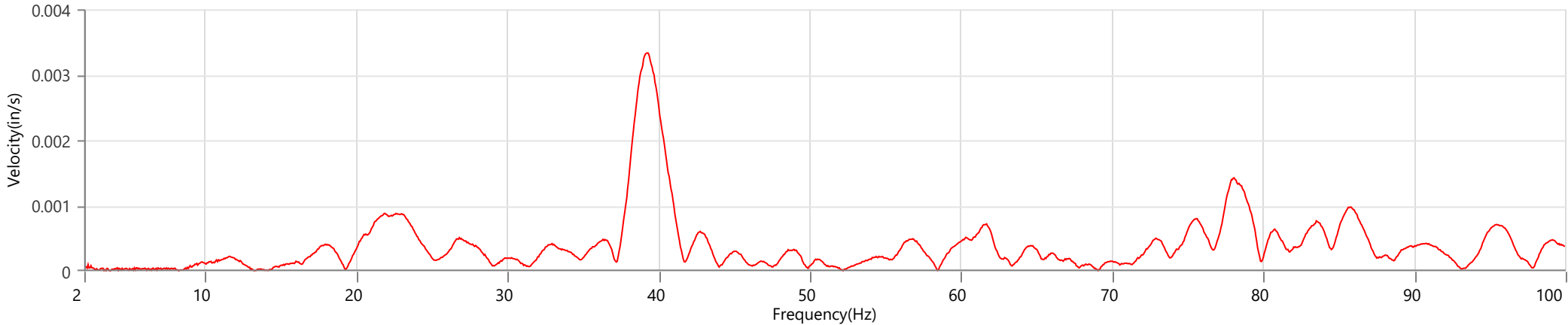
Waveform Trigger Source Vert at June 26, 2026 11:25:34
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

Serial Number UM6323
Model Number Micromate ISEE 11.0CB
Battery Level 3.8 volts
Unit Calibration January 6, 2026 by Instantel
Event File Name UM6323_20260626112534.IDFW
USB Sensor Support Disabled

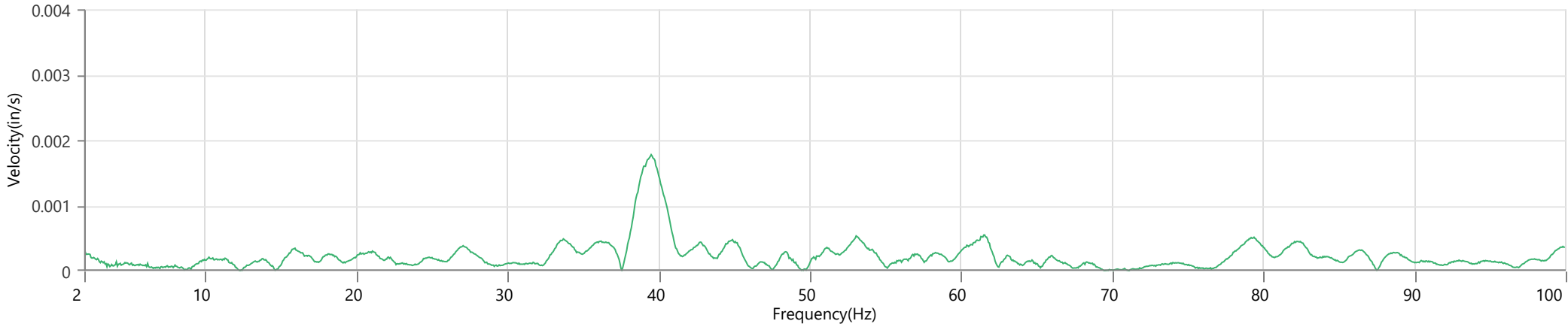
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

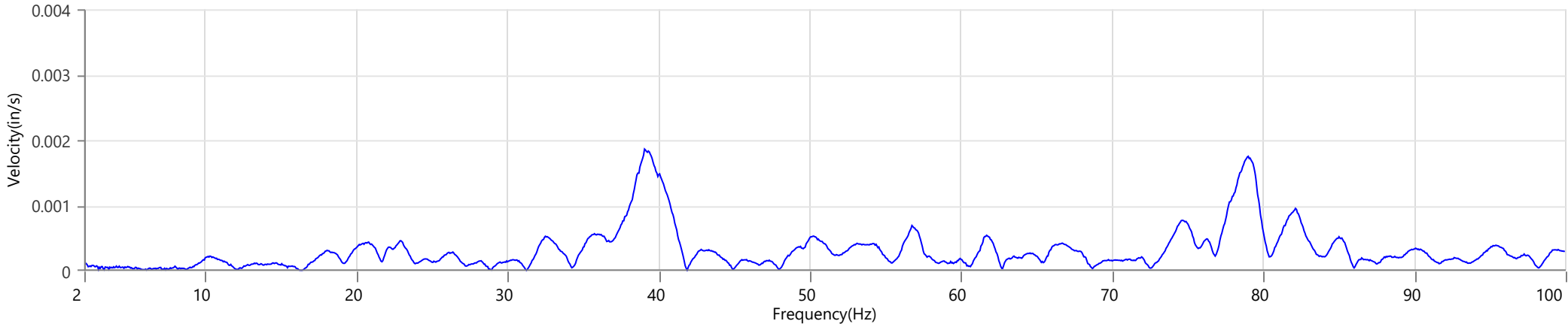
Tran - Dominant Frequency 39.2 Hz, Amplitude 0.0033 in/s (Peak Particle Velocity: 0.1921 in/s)



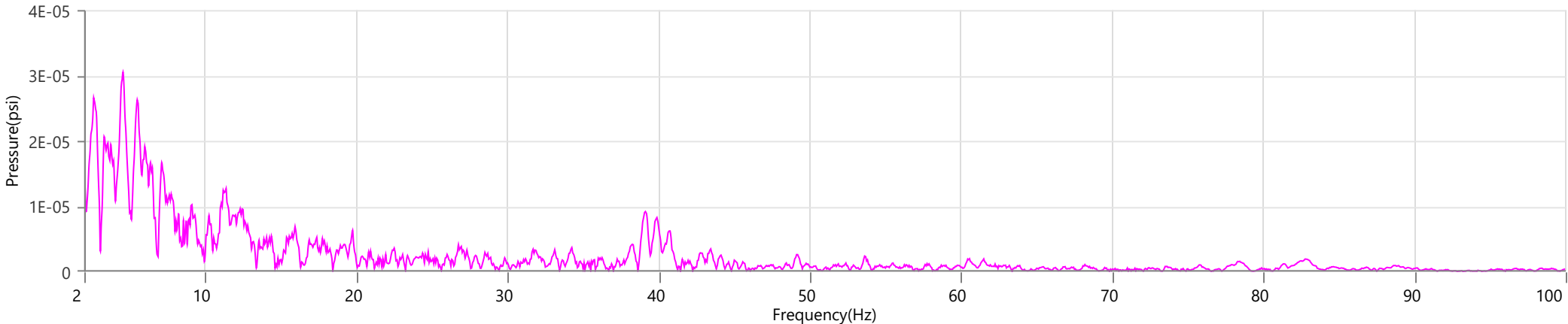
Vert - Dominant Frequency 39.5 Hz, Amplitude 0.0018 in/s (Peak Particle Velocity: 0.0695 in/s)



Long - Dominant Frequency 39.1 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.1303 in/s)



Mic - Dominant Frequency 4.6 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000945 psi)



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

Vert at June 26, 2026 11:25:35
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_20260626112535.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

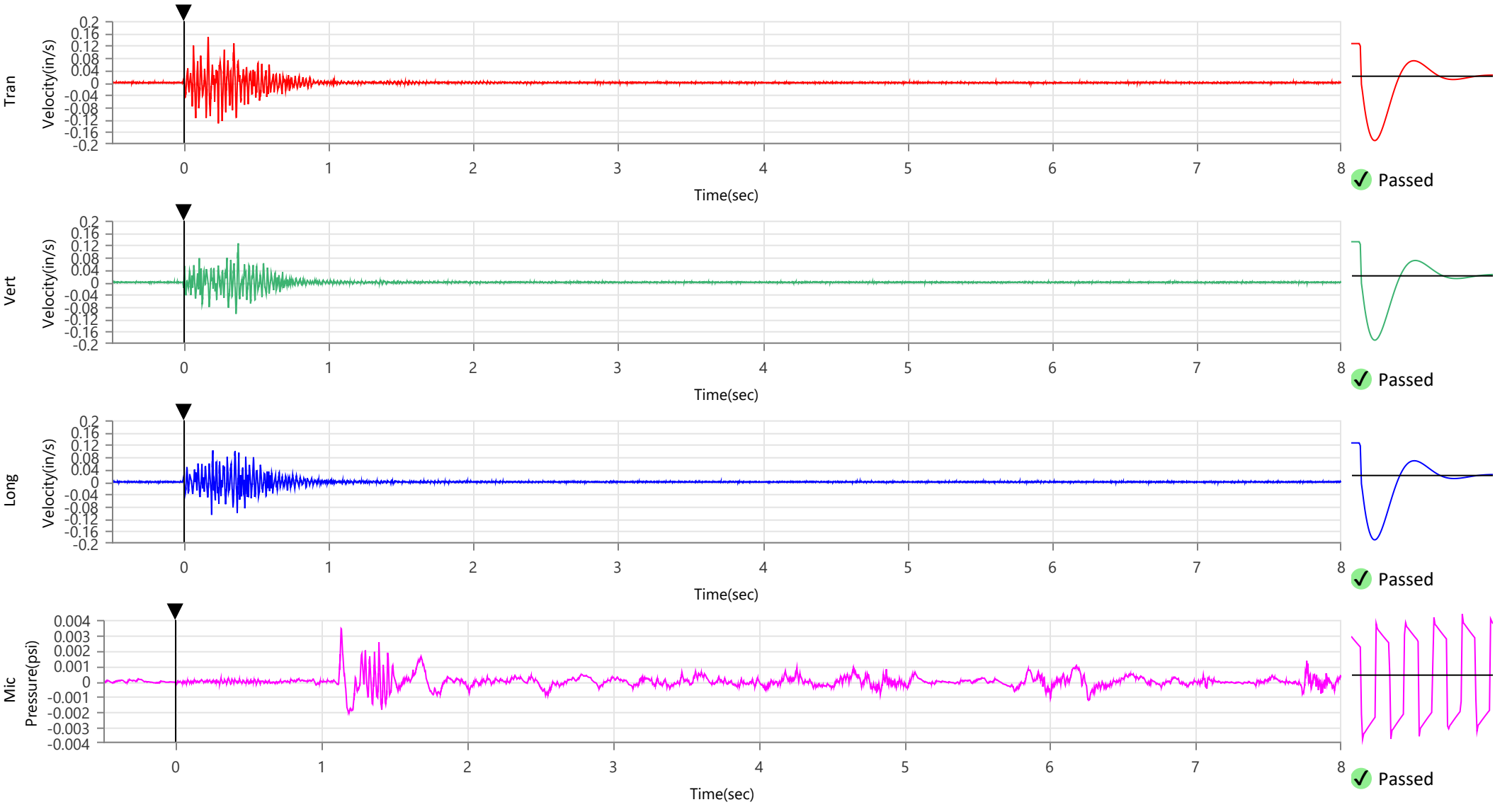
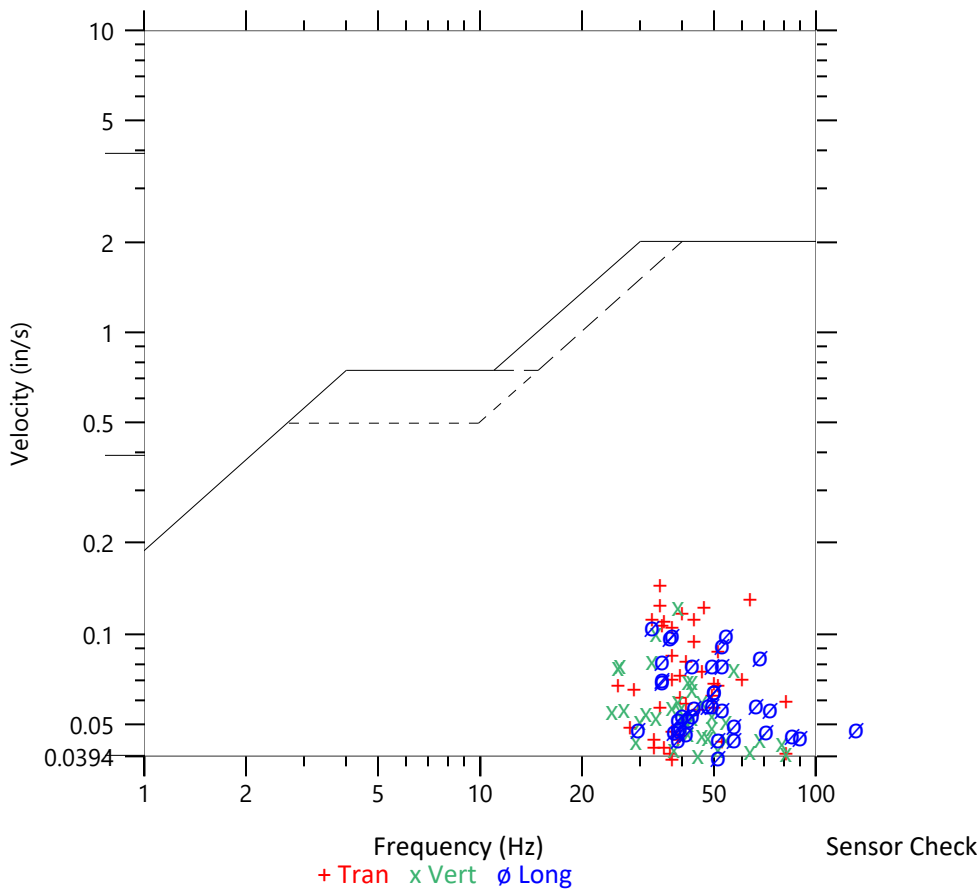
Tran	Vert	Long
0.1477 in/s	0.1263 in/s	0.1071 in/s
34.1 Hz	38.6 Hz	32.5 Hz
0.166 sec	0.374 sec	0.190 sec
0.138 g	0.099 g	0.122 g
0.001 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.3 Hz	7.5 Hz
4.1	4.1	4.3

Peak Vector Sum 0.1512 in/s at 0.166 sec

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

0.003436 psi
121.5 dB(L)
1.133 sec
12.1 Hz
✓ Passed
19.7 Hz
1266 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 June 26, 2026 11:25:35
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

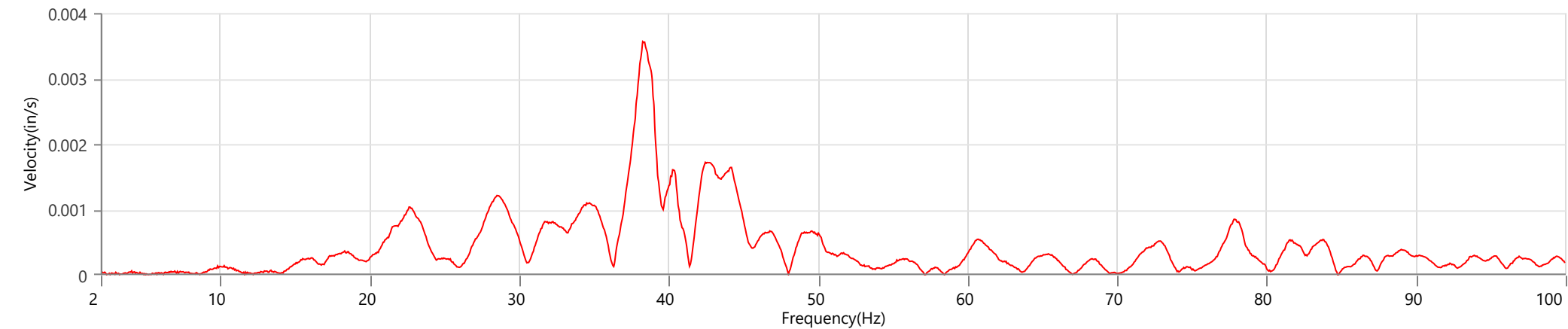
UM21525
Micromate ISEE 11.0CB
3.8 volts
April 6, 2026 by Instantel
UM21525_20260626112535.IDFW
Disabled

Notes
Location
Client
Company
General Notes

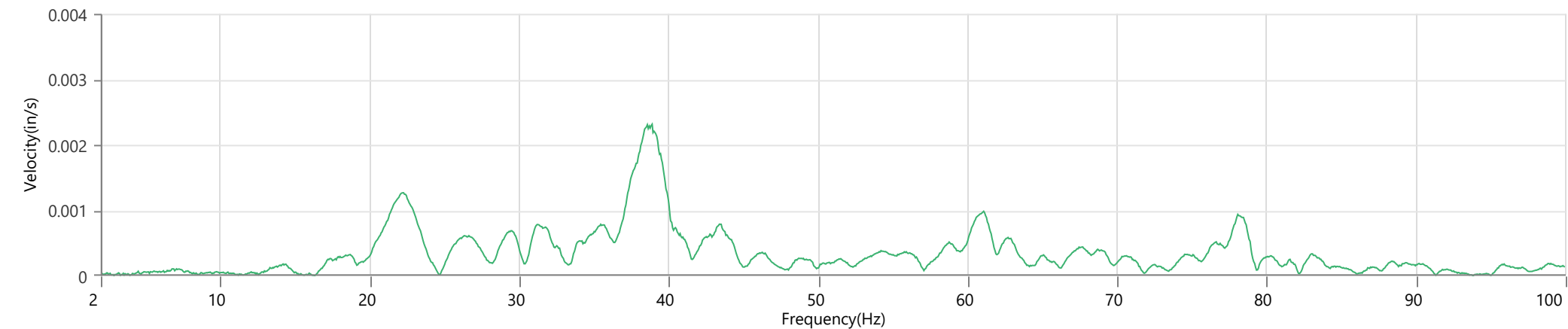
Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

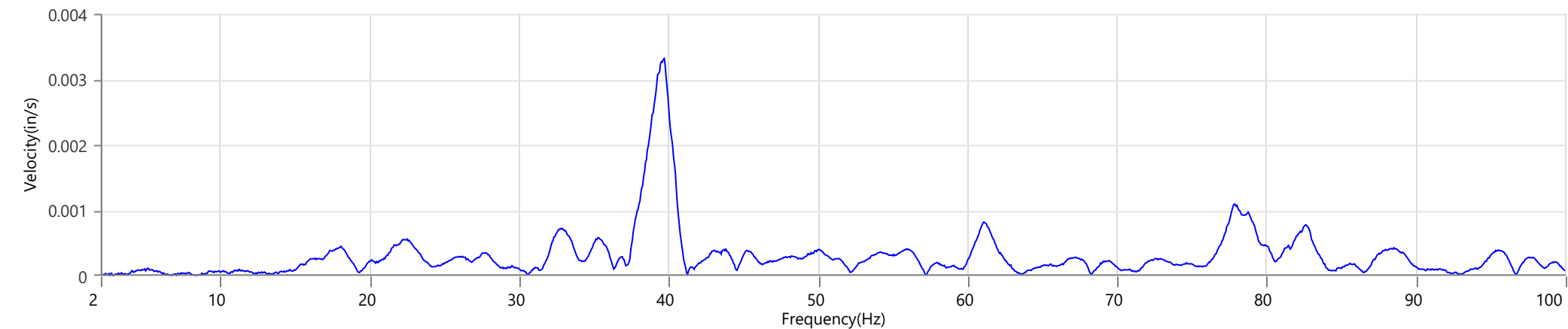
Tran - Dominant Frequency 38.2 Hz, Amplitude 0.0036 in/s (Peak Particle Velocity: 0.1477 in/s)



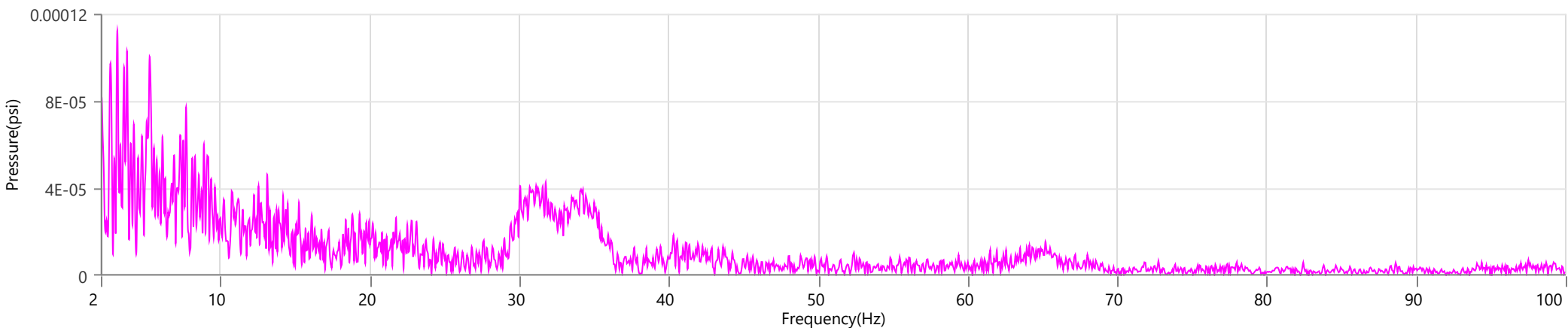
Vert - Dominant Frequency 38.9 Hz, Amplitude 0.0023 in/s (Peak Particle Velocity: 0.1263 in/s)



Long - Dominant Frequency 39.7 Hz, Amplitude 0.0033 in/s (Peak Particle Velocity: 0.1071 in/s)



Mic - Dominant Frequency 3.1 Hz, Amplitude 0.00011 psi (Peak Sound Pressure Level: 0.003436 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

June 26, 2026 00:00:06

June 26, 2026 23:29:59

1409.88/60 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

UM21399

Micromate ISEE 11.0CB

3.8 volts

March 25, 2026 by Instantel

UA10767, February 18, 2025 by Instantel

UM21399_20260626000006.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

95.2 dB(A)

Jun 26, 2026

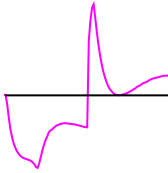
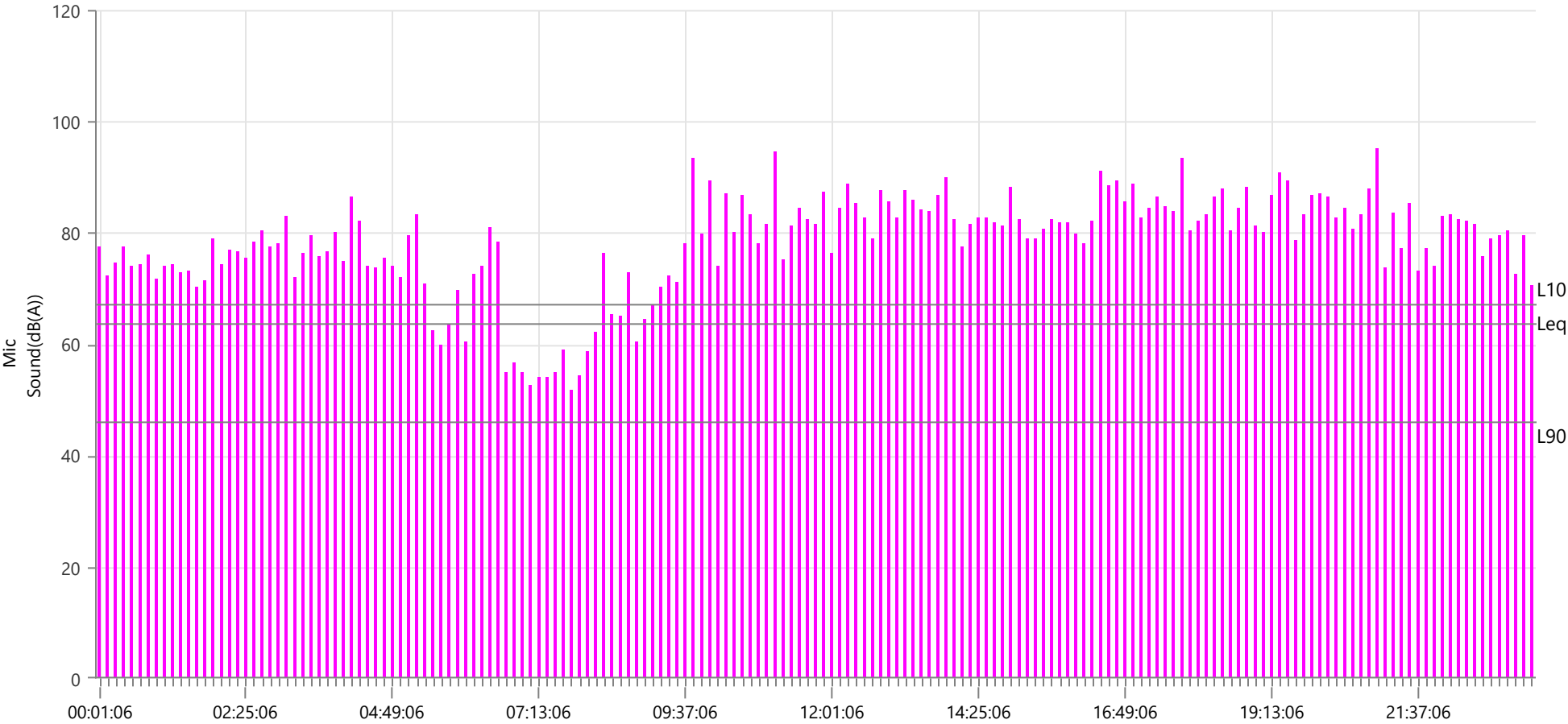
20:59:06

LMin L10 L90 Leq

36.7 67 46 63.6

✓ Passed

1123 mv



✓ Passed

Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

June 26, 2026 00:00:10

June 26, 2026 23:29:59

1409.82/60 sec

4096 sps

Spicewood Hwy 71 - Noise 3.mmb

Operator

Serial Number

Model Number

Battery Level

Unit Calibration

Microphone Calibration

Event File Name

USB Sensor Support

UM13925

Micromate ISEE 11.0CB

3.8 volts

April 6, 2026 by Instantel

UA10751, April 6, 2026 by Instantel

UM13925_20260626000010.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

Sound(dB(A))

Sensor Check

Test Amplitude

A-Weight Slow

91.1 dB(A)

Jun 26, 2026

10:25:10

LMin

L10

L90

Leq

36.1

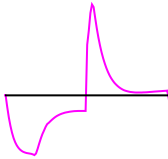
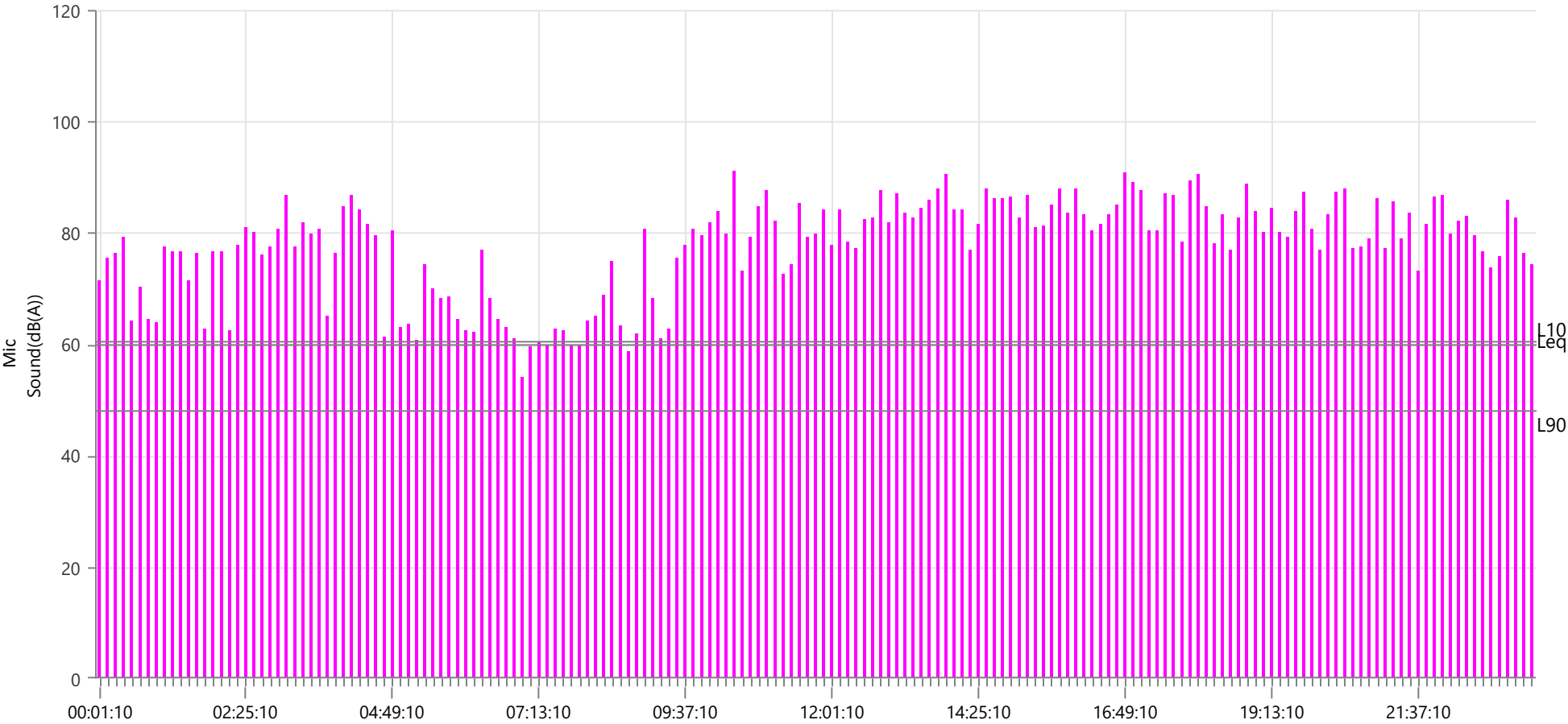
60

48

60.5

✓ Passed

1081 mv

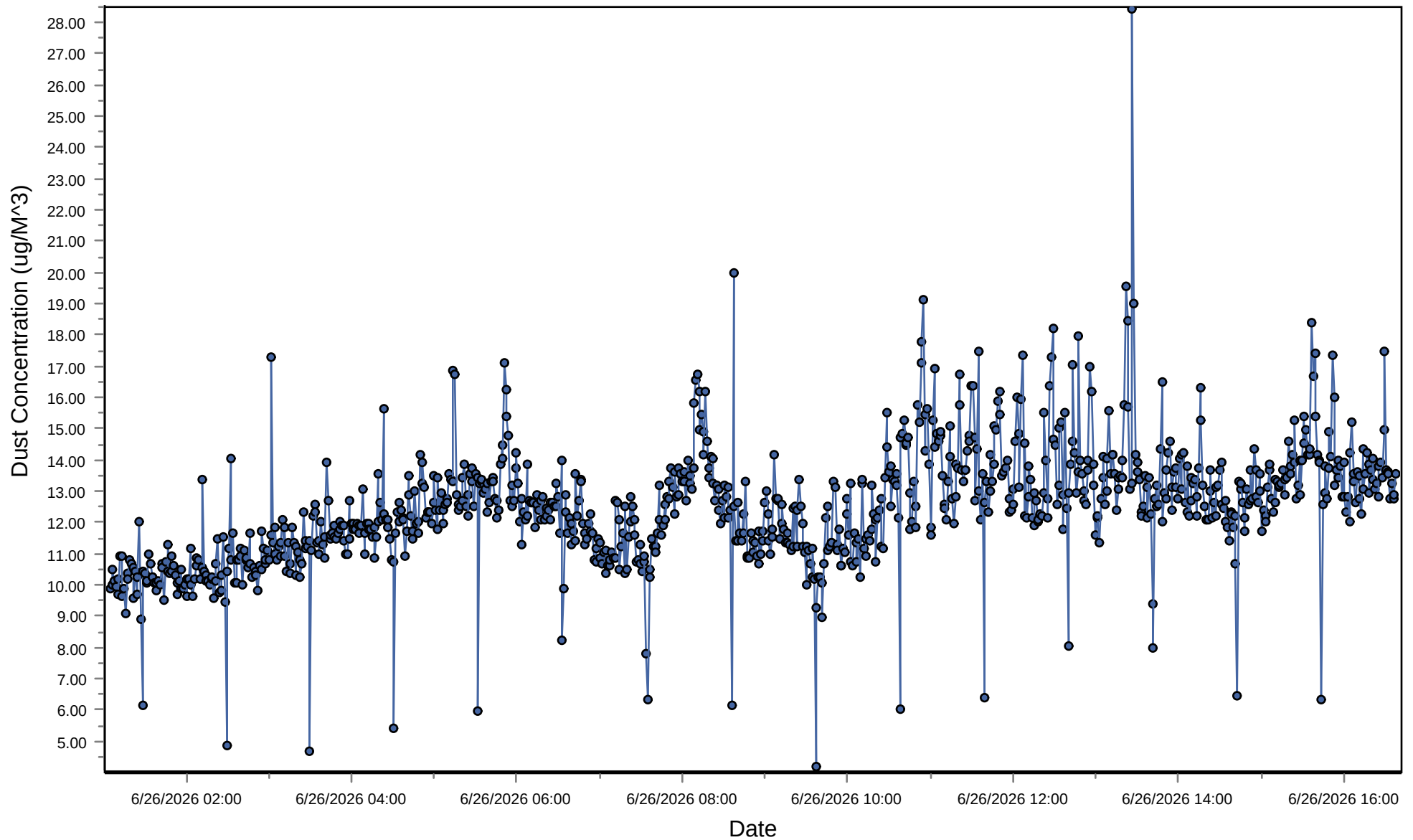


✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor

● D100@AvgPartL



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

