

Waveform Trigger Source Long at June 5, 2026 12:13:32
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_20260605121332.IDFW
USB Sensor Support Disabled

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

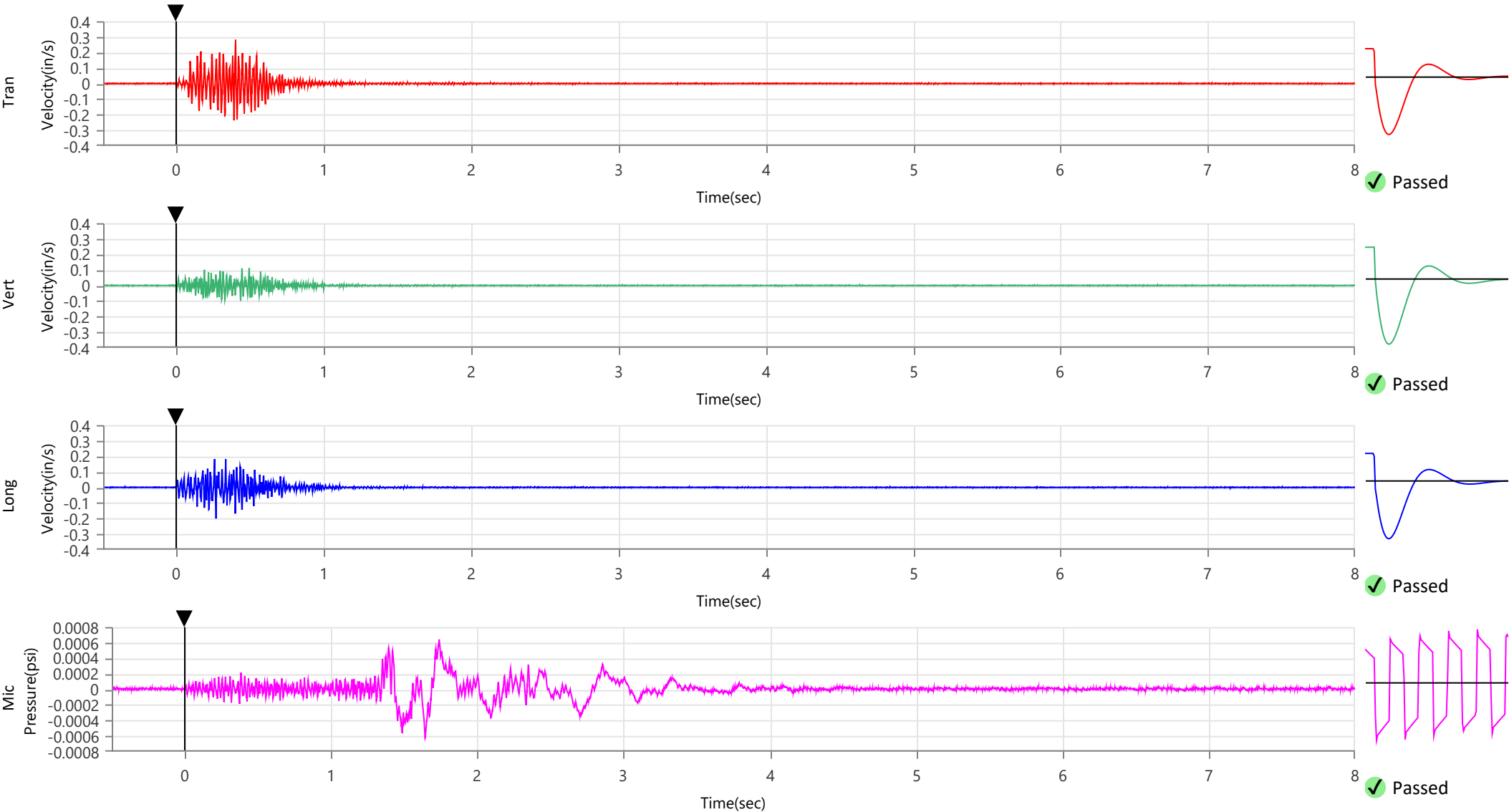
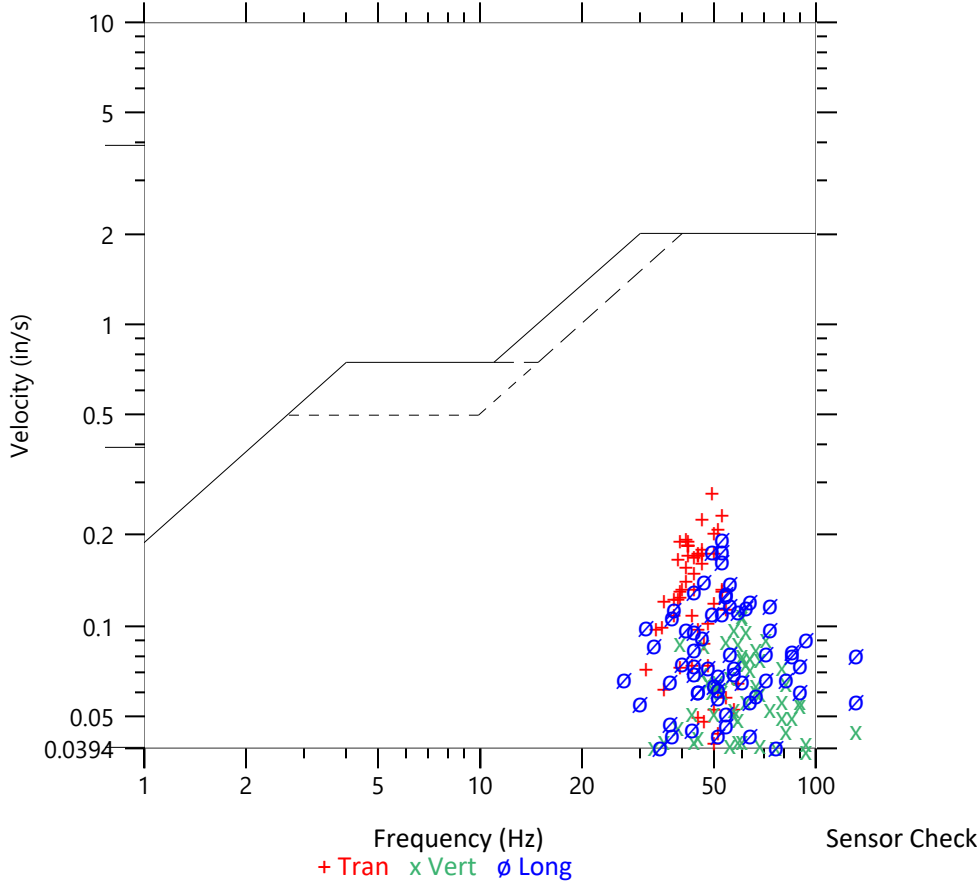
Extended Note N30.49572 W98.21577
Post Event Notes No text to be displayed.

Geophone
Peak Particle Velocity 0.2808 in/s
Zero Crossing Frequency 48.8 Hz
Time (Relative to Trigger) 0.400 sec
Peak Acceleration 0.247 g
Peak Displacement 0.001 in
Sensor Check ✓ Passed
Frequency 7.5 Hz
Overswing Ratio 4.4

Peak Vector Sum 0.3202 in/s at 0.399 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.000641 psi
Peak Sound Pressure Level 106.9 dB(L)
Time (Relative to Trigger) 1.739 sec
Zero Crossing Frequency 2.8 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1277 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



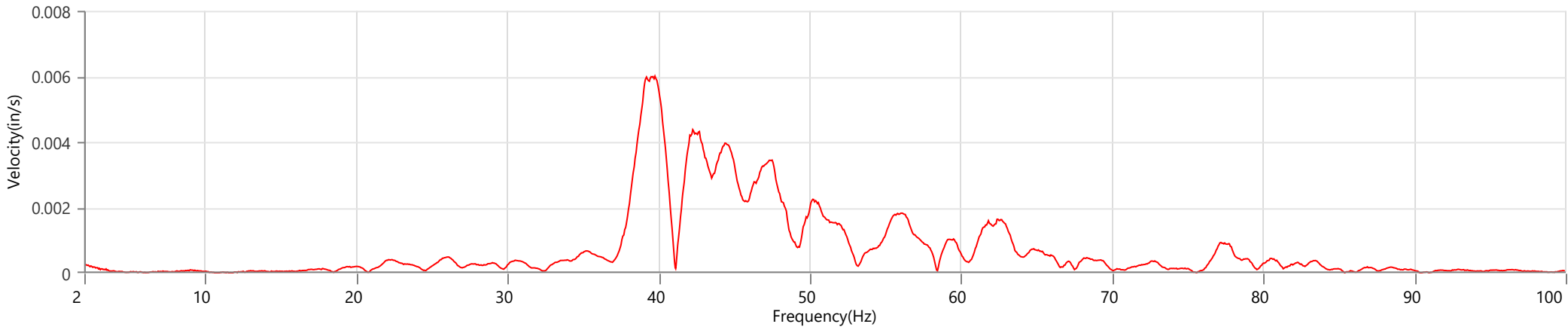
Waveform Trigger Source Long at June 5, 2026 12:13:32
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 1.mmb
Operator Operator

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_20260605121332.IDFW
USB Sensor Support Disabled

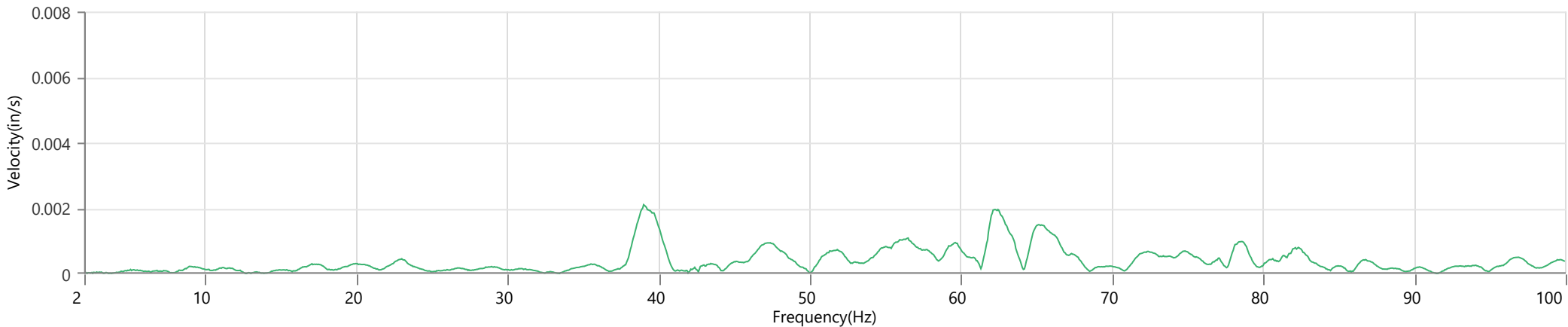
Notes
Location Station 1
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

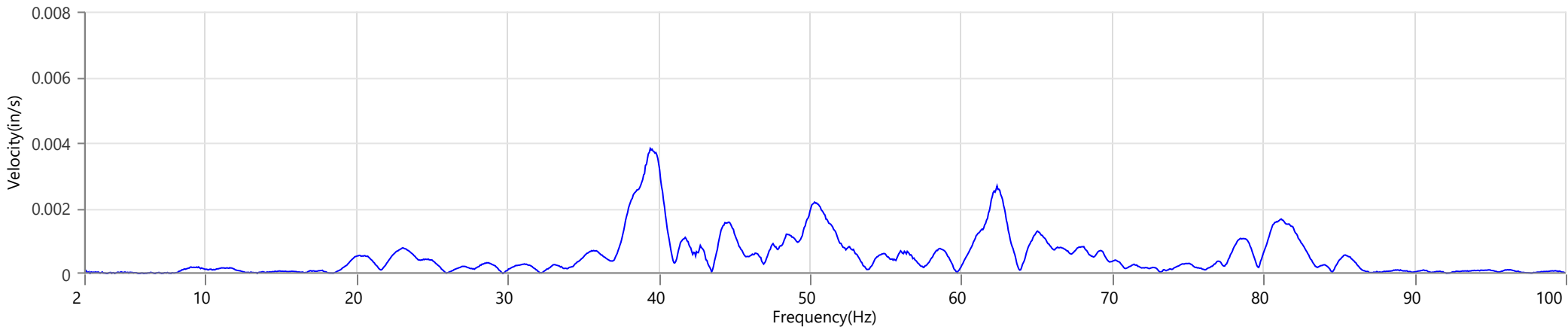
Tran - Dominant Frequency 39.8 Hz, Amplitude 0.0060 in/s (Peak Particle Velocity: 0.2808 in/s)



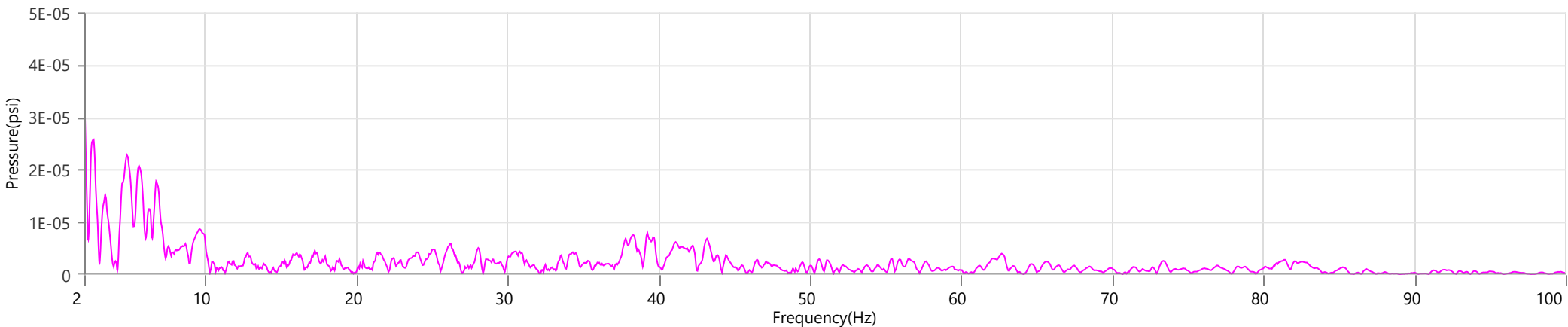
Vert - Dominant Frequency 39.0 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.1114 in/s)



Long - Dominant Frequency 39.4 Hz, Amplitude 0.0038 in/s (Peak Particle Velocity: 0.1998 in/s)



Mic - Dominant Frequency 2.0 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.000641 psi)



Waveform Trigger Source Long at June 5, 2026 12:13:32
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_20260605121332.IDFW
USB Sensor Support Disabled

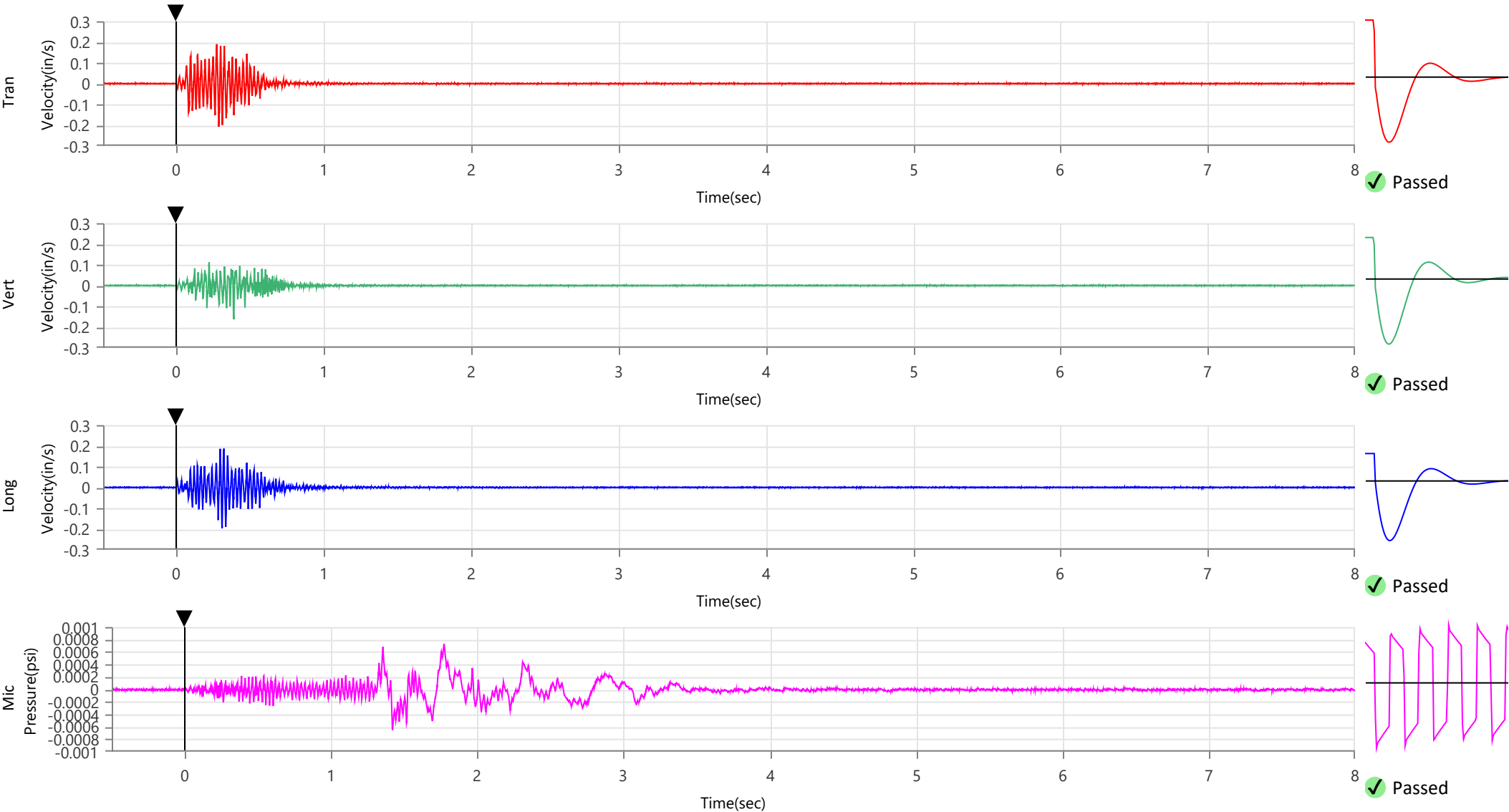
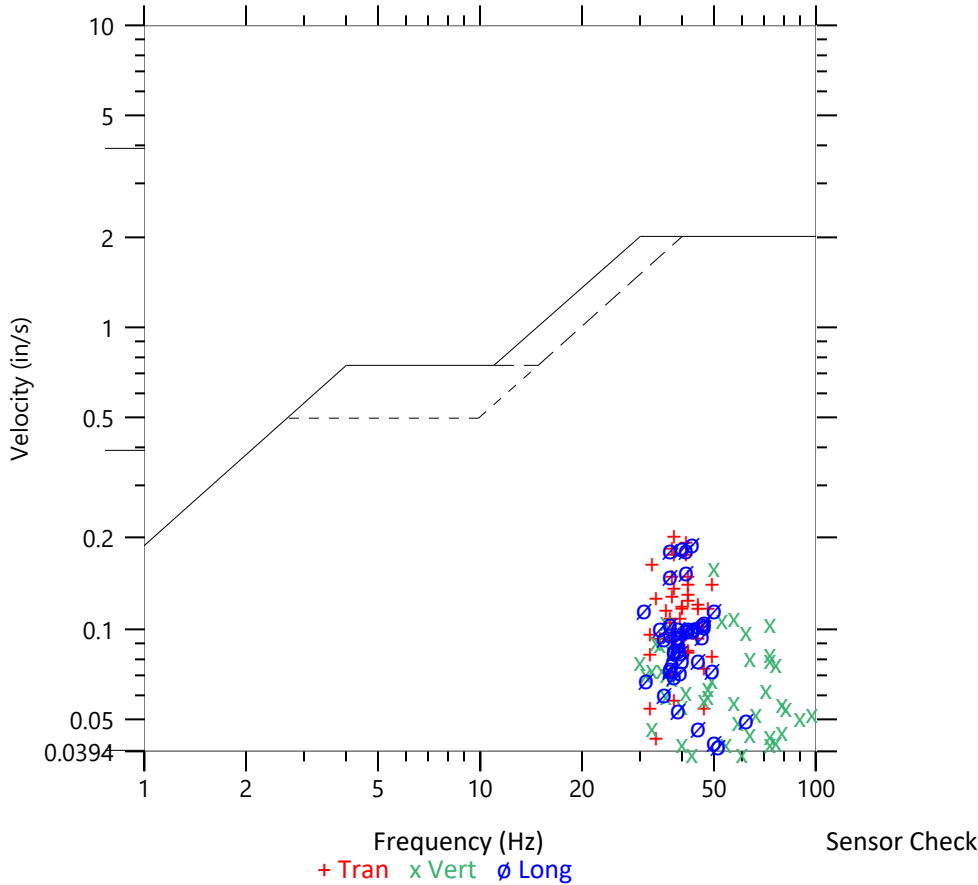
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.2076 in/s	0.1629 in/s	0.1961 in/s
Zero Crossing Frequency	37.9 Hz	50.0 Hz	42.7 Hz
Time (Relative to Trigger)	0.286 sec	0.388 sec	0.308 sec
Peak Acceleration	0.158 g	0.148 g	0.184 g
Peak Displacement	0.001 in	0.001 in	0.001 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.1 Hz	7.5 Hz	6.9 Hz
Overswing Ratio	4.6	3.8	4.8
Peak Vector Sum	0.2694 in/s at 0.310 sec		

ISEE Linear Microphone
Peak Sound Pressure Level 0.000731 psi
Peak Sound Pressure Level 108.0 dB(L)
Time (Relative to Trigger) 1.772 sec
Zero Crossing Frequency 2.8 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1568 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



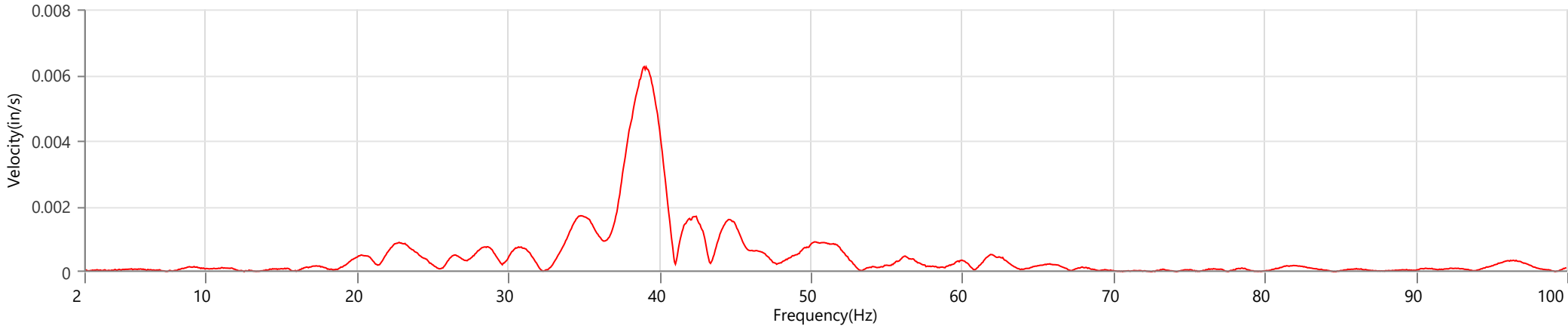
Waveform Trigger Source Long at June 5, 2026 12:13:32
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 3.mmb
Operator Operator

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_20260605121332.IDFW
USB Sensor Support Disabled

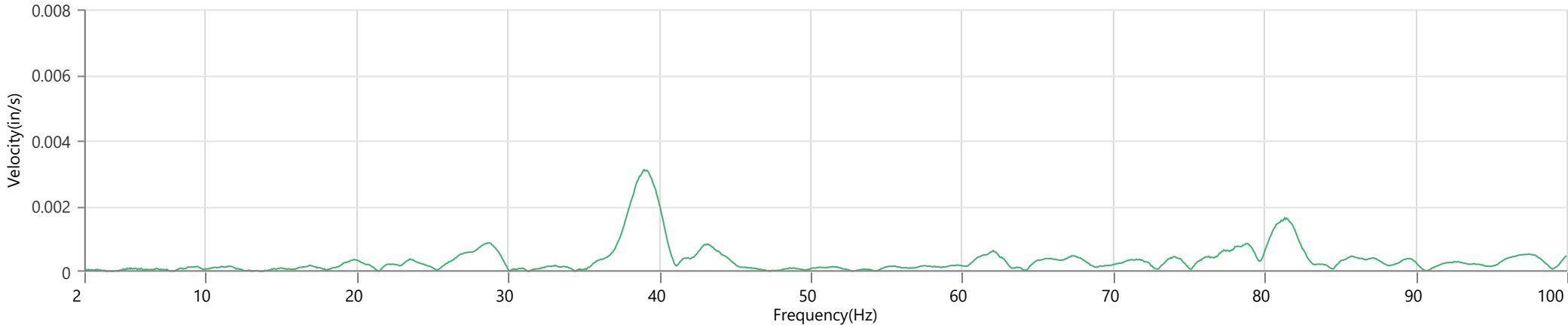
Notes
Location Station 3
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

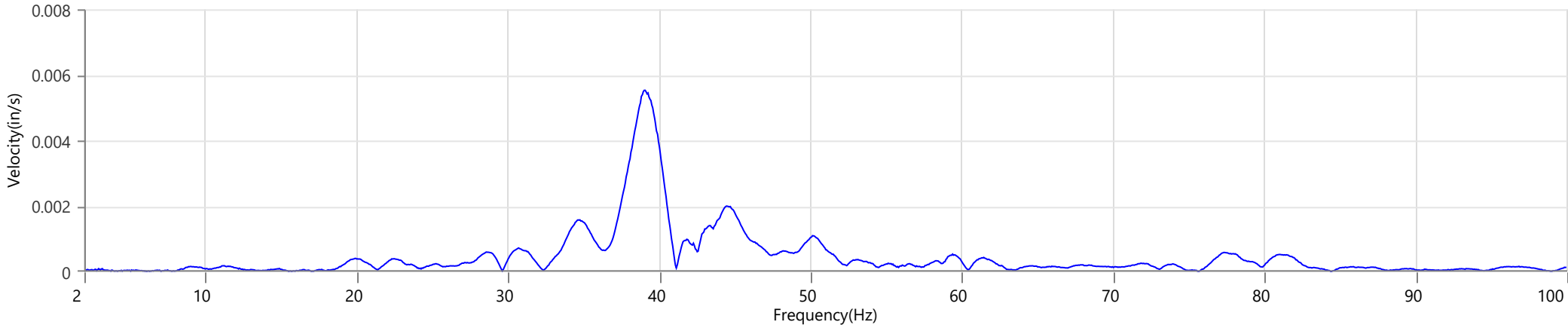
Tran - Dominant Frequency 39.0 Hz, Amplitude 0.0063 in/s (Peak Particle Velocity: 0.2076 in/s)



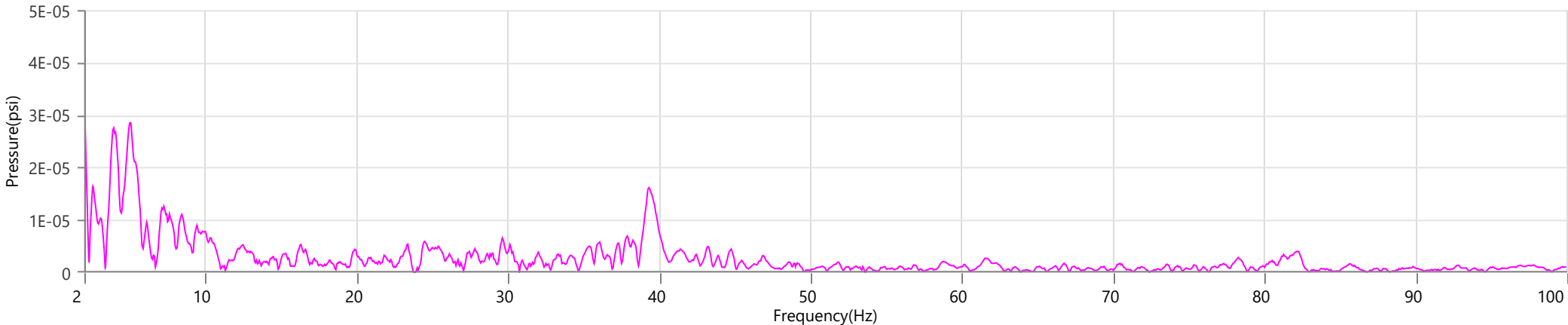
Vert - Dominant Frequency 39.0 Hz, Amplitude 0.0031 in/s (Peak Particle Velocity: 0.1629 in/s)



Long - Dominant Frequency 39.1 Hz, Amplitude 0.0055 in/s (Peak Particle Velocity: 0.1961 in/s)



Mic - Dominant Frequency 2.0 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000731 psi)



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

Vert at June 5, 2026 12:13:33
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_20260605121333.IDFW
Disabled

Notes
Location
Client
Company
General Notes

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

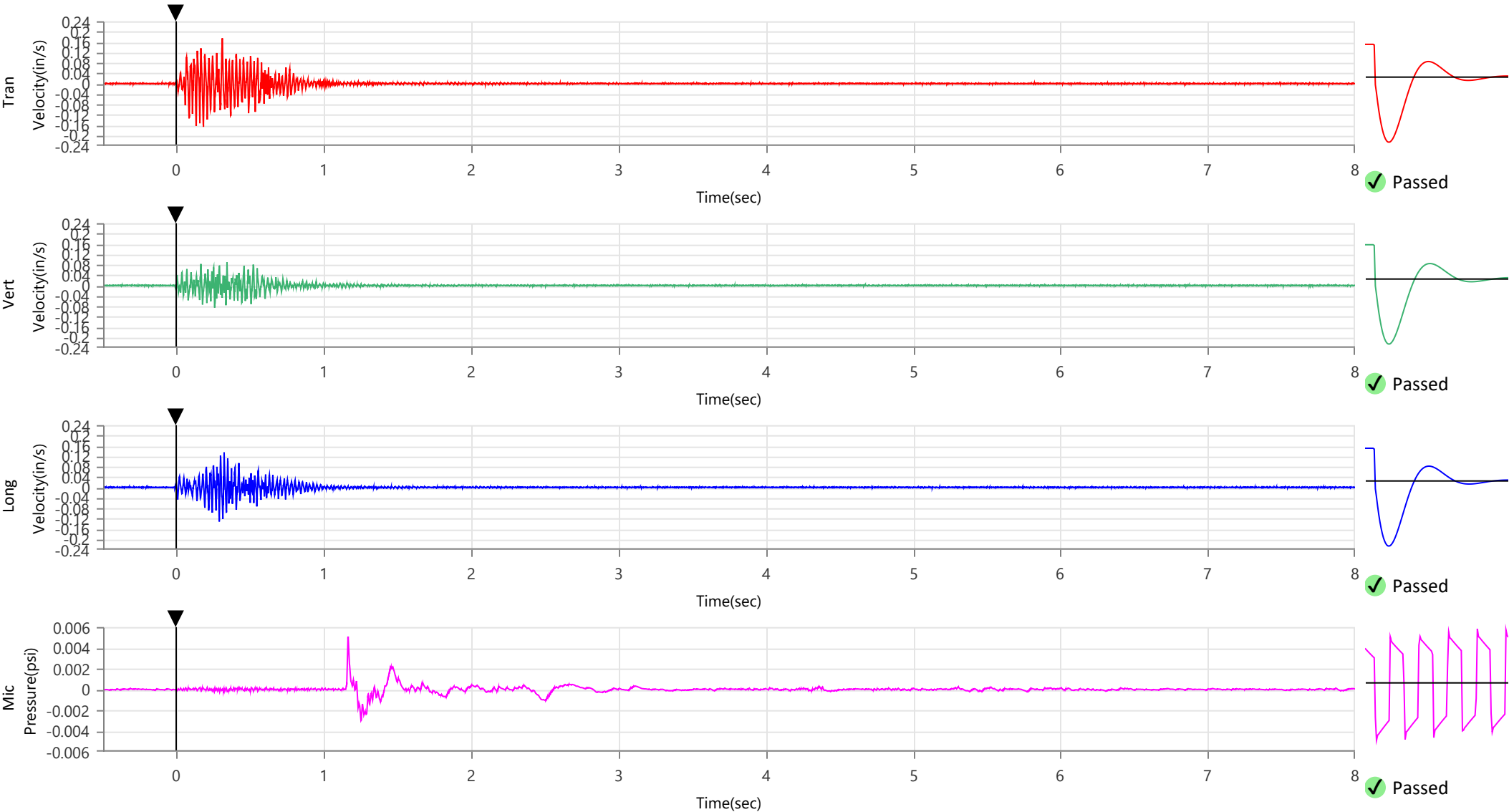
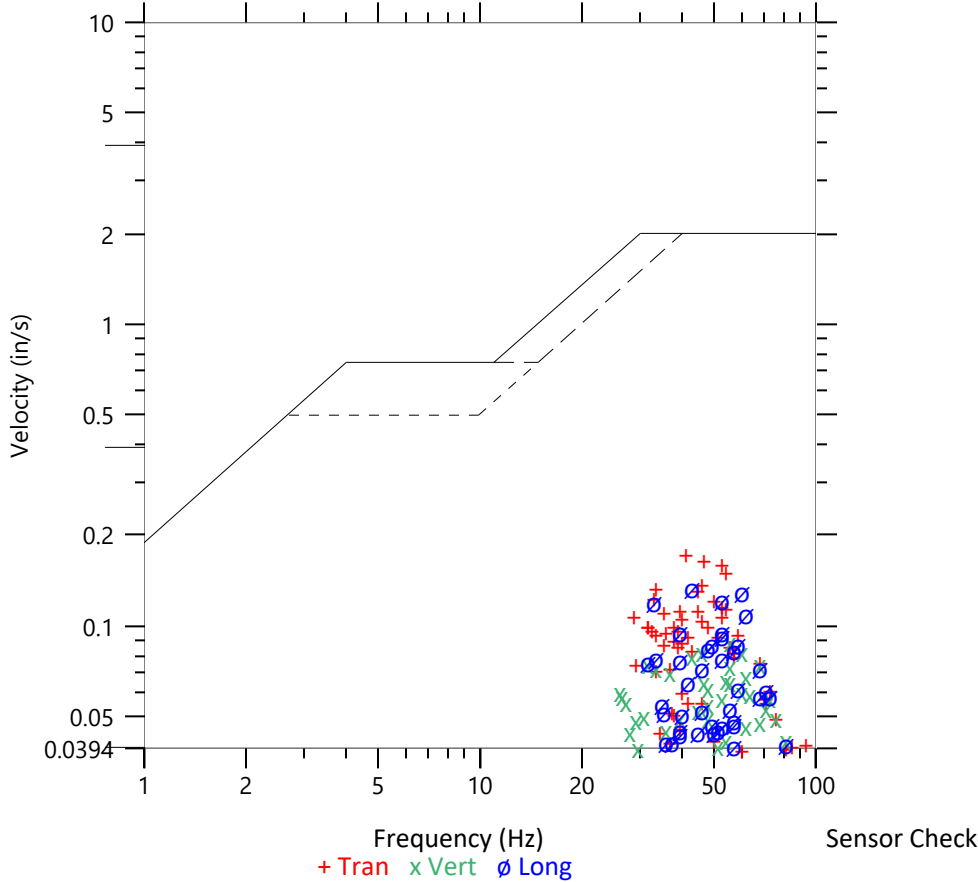
Extended Note N30.495113 W98.206539
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.1744 in/s	0.0900 in/s	0.1350 in/s
Zero Crossing Frequency	41.0 Hz	55.4 Hz	42.7 Hz
Time (Relative to Trigger)	0.310 sec	0.342 sec	0.322 sec
Peak Acceleration	0.165 g	0.102 g	0.138 g
Peak Displacement	0.001 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.5 Hz
Overswing Ratio	4.1	4.1	4.3
Peak Vector Sum	0.1903 in/s at 0.310 sec		

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

0.005088 psi
124.9 dB(L)
1.164 sec
8.3 Hz
✓ Passed
20.5 Hz
1283 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 5, 2026 12:13:33
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

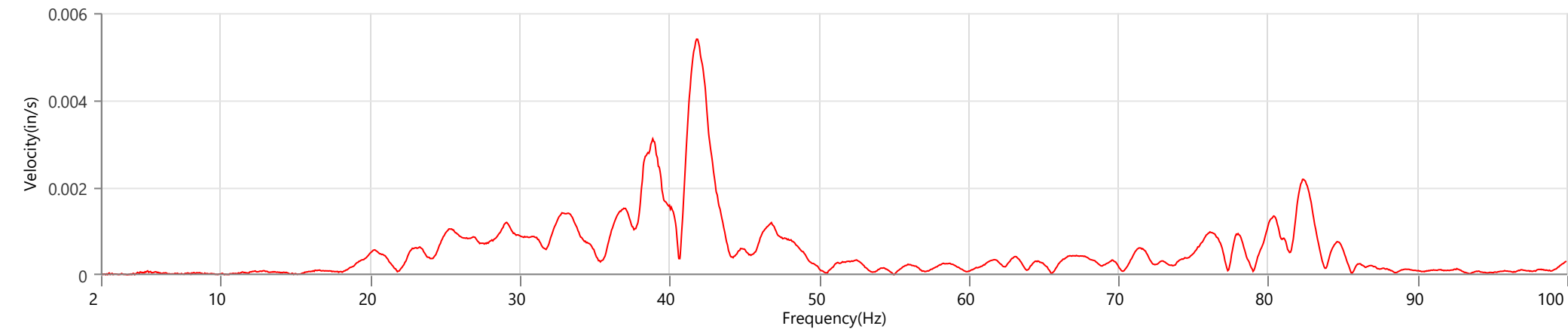
UM21525
Micromate ISEE 11.0CB
3.8 volts
April 6, 2026 by Instantel
UM21525_20260605121333.IDFW
Disabled

Notes
Location
Client
Company
General Notes

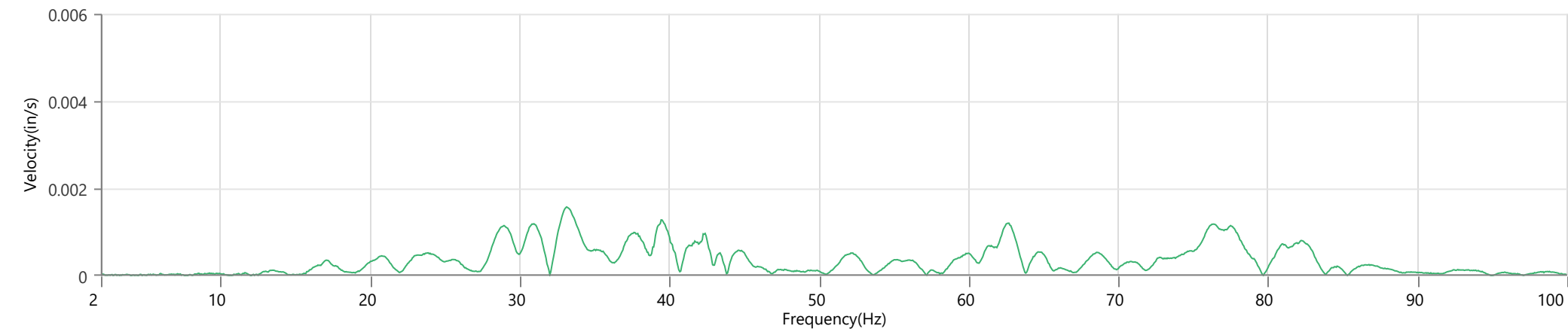
Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

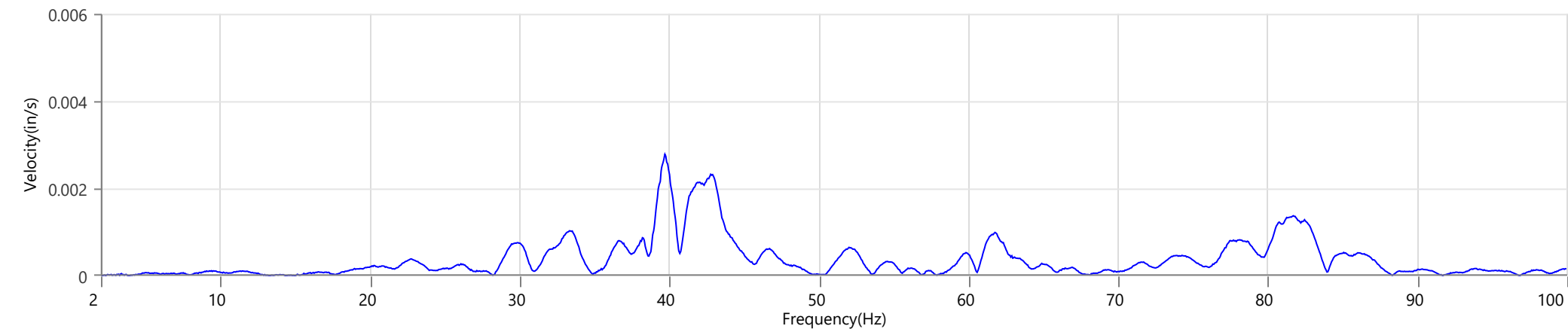
Tran - Dominant Frequency 41.8 Hz, Amplitude 0.0054 in/s (Peak Particle Velocity: 0.1744 in/s)



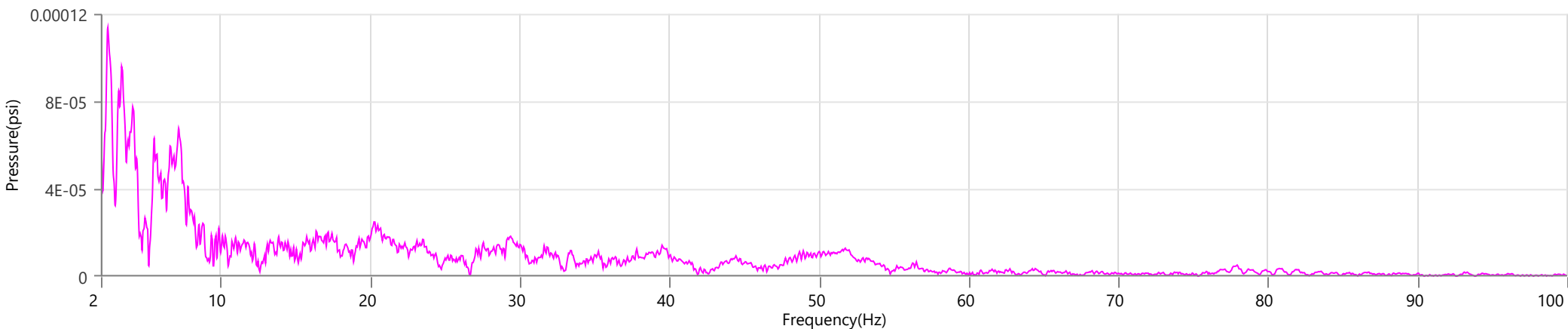
Vert - Dominant Frequency 33.1 Hz, Amplitude 0.0016 in/s (Peak Particle Velocity: 0.0900 in/s)



Long - Dominant Frequency 39.7 Hz, Amplitude 0.0028 in/s (Peak Particle Velocity: 0.1350 in/s)



Mic - Dominant Frequency 2.4 Hz, Amplitude 0.00011 psi (Peak Sound Pressure Level: 0.005088 psi)



Waveform Trigger Source Long at June 5, 2026 12:13:32
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_20260605121332.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

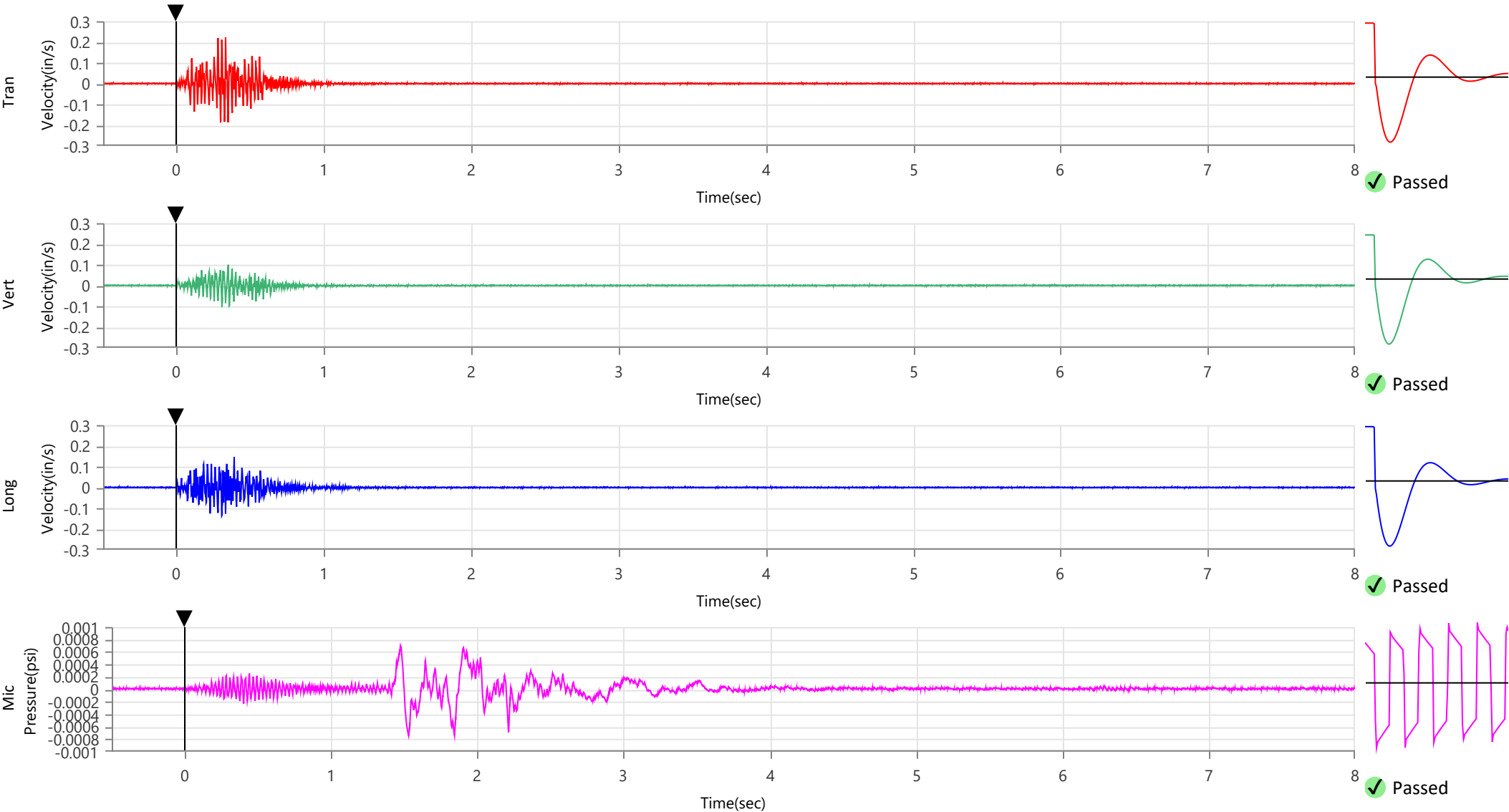
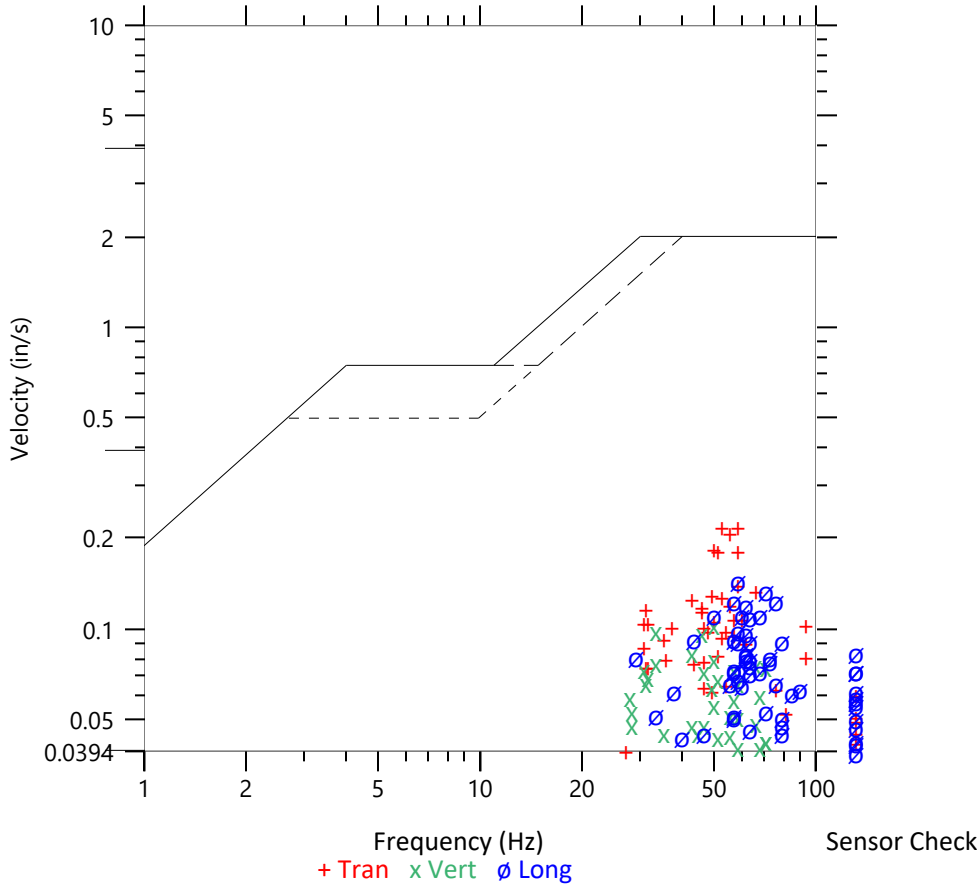
Post Event Notes No text to be displayed.

Geophone
Peak Particle Velocity 0.2222 in/s
Zero Crossing Frequency 52.5 Hz
Time (Relative to Trigger) 0.332 sec
Peak Acceleration 0.273 g
Peak Displacement 0.001 in
Sensor Check ✓ Passed
Frequency 7.5 Hz
Overswing Ratio 2.9

Peak Vector Sum 0.2696 in/s at 0.306 sec

ISEE Linear Microphone
Peak Sound Pressure Level 0.000745 psi
Peak Sound Pressure Level 108.2 dB(L)
Time (Relative to Trigger) 1.531 sec
Zero Crossing Frequency 4.3 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1267 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



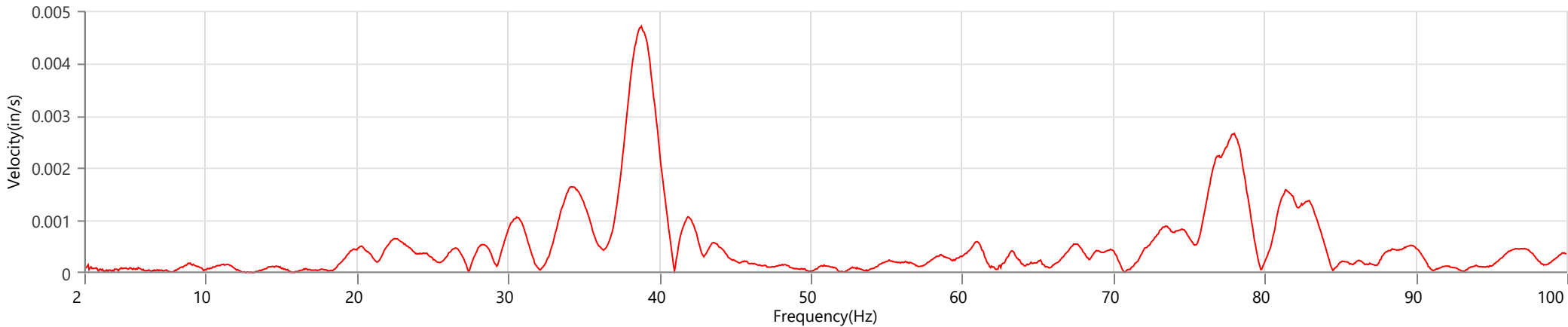
Waveform Trigger Source Long at June 5, 2026 12:13:32
Trigger Level(s) Geo 0.0200 in/s
Trigger Level (Mic) Mic 0.01029 psi, 131 dB(L)
Pre-Trigger/Record Time 0.50 sec/8.0 sec (Fixed)
Sample Rate 4096 sps
Setup File Name Spicewood Hwy 71 - Station 5.mmb
Operator Operator

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_20260605121332.IDFW
USB Sensor Support Disabled

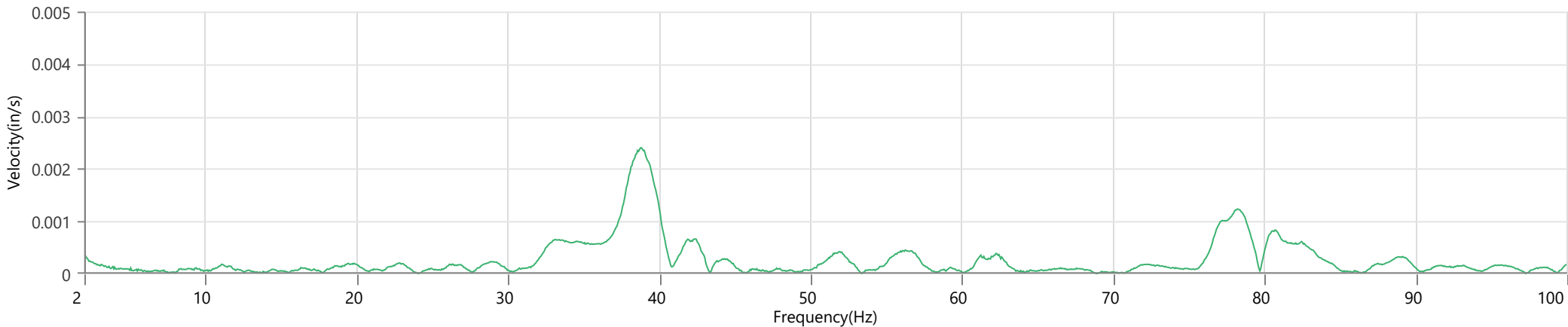
Notes
Location Station 5
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

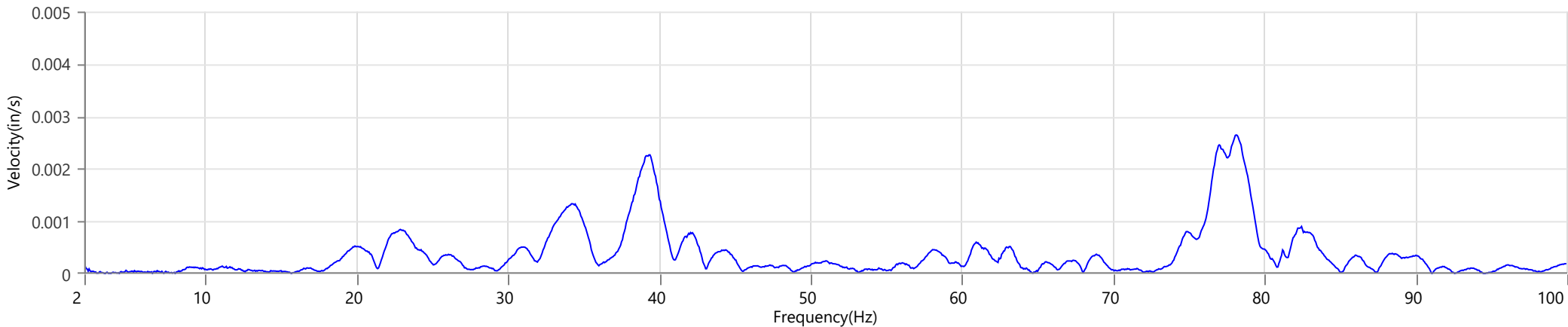
Tran - Dominant Frequency 38.8 Hz, Amplitude 0.0047 in/s (Peak Particle Velocity: 0.2222 in/s)



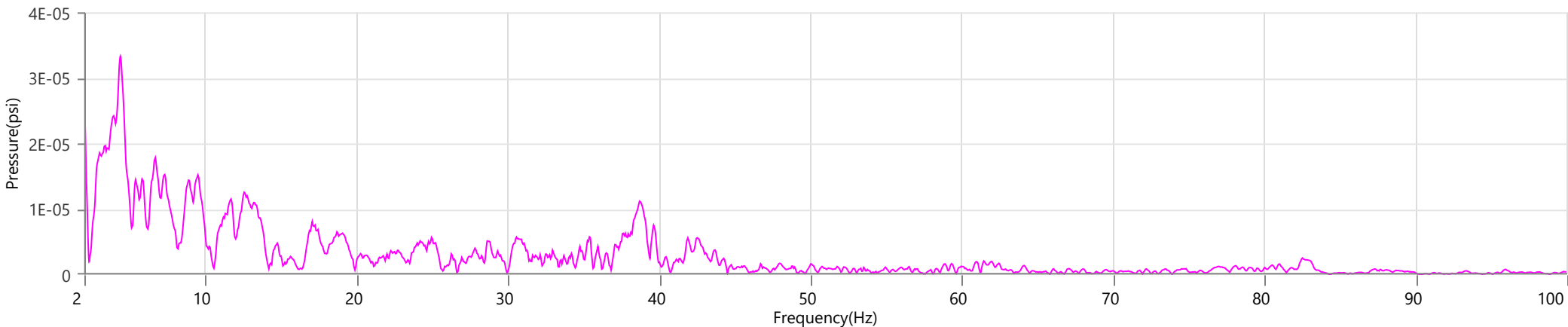
Vert - Dominant Frequency 38.8 Hz, Amplitude 0.0024 in/s (Peak Particle Velocity: 0.1040 in/s)



Long - Dominant Frequency 78.1 Hz, Amplitude 0.0026 in/s (Peak Particle Velocity: 0.1458 in/s)



Mic - Dominant Frequency 4.4 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000745 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

June 4, 2026 00:00:05

June 4, 2026 10:14:38

614.55/60 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_20260604000005.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

76.7 dB(A)

Jun 4, 2026

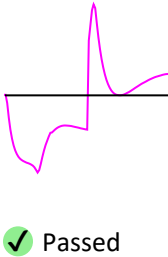
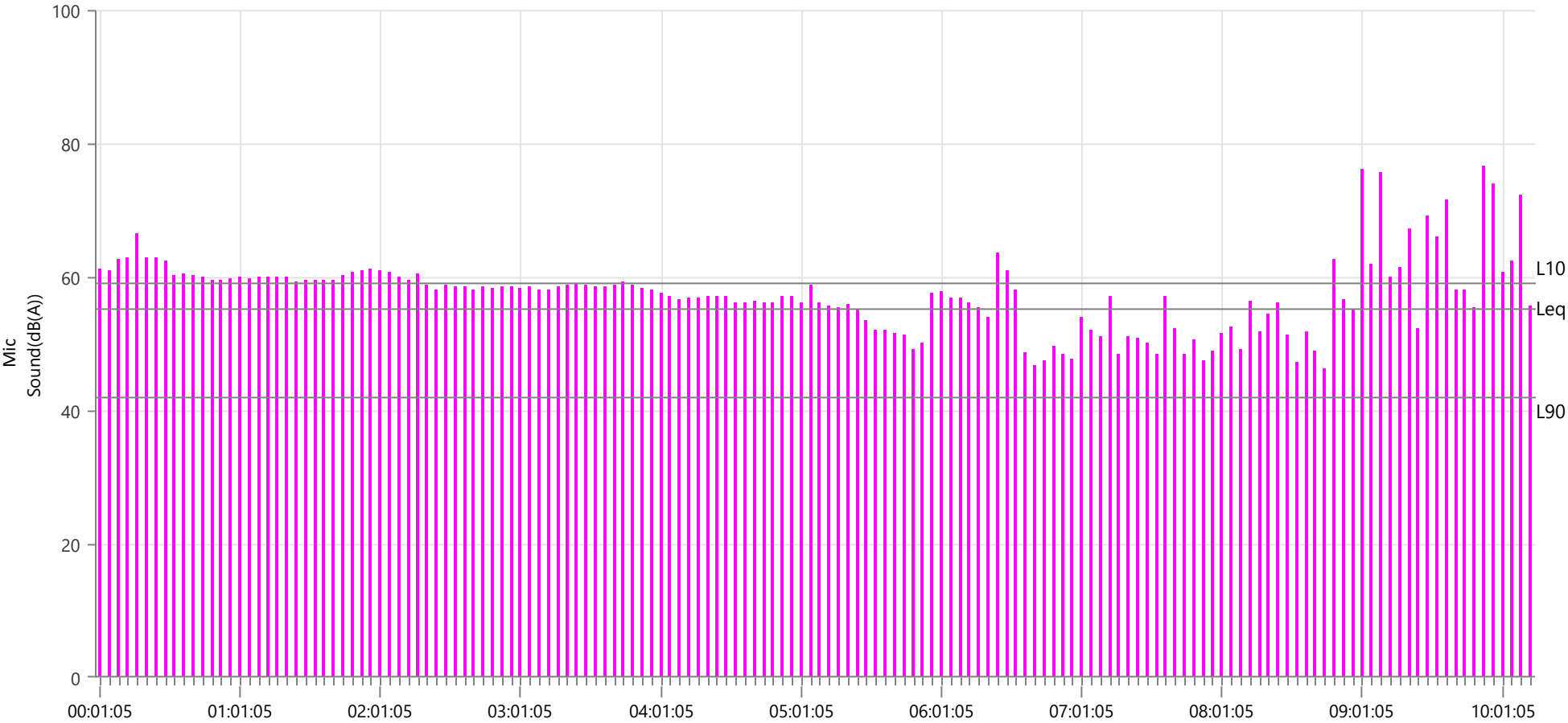
09:54:05

LMin L10 L90 Leq

37.1 59 42 55.2

✓ Passed

1054 mv



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

June 5, 2026 00:00:05

June 5, 2026 23:29:59

1409.91/60 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_20260605000005.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

86.8 dB(A)

Jun 5, 2026

11:12:05

LMin

L10

L90

Leq

33.7

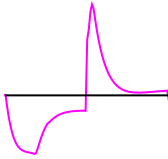
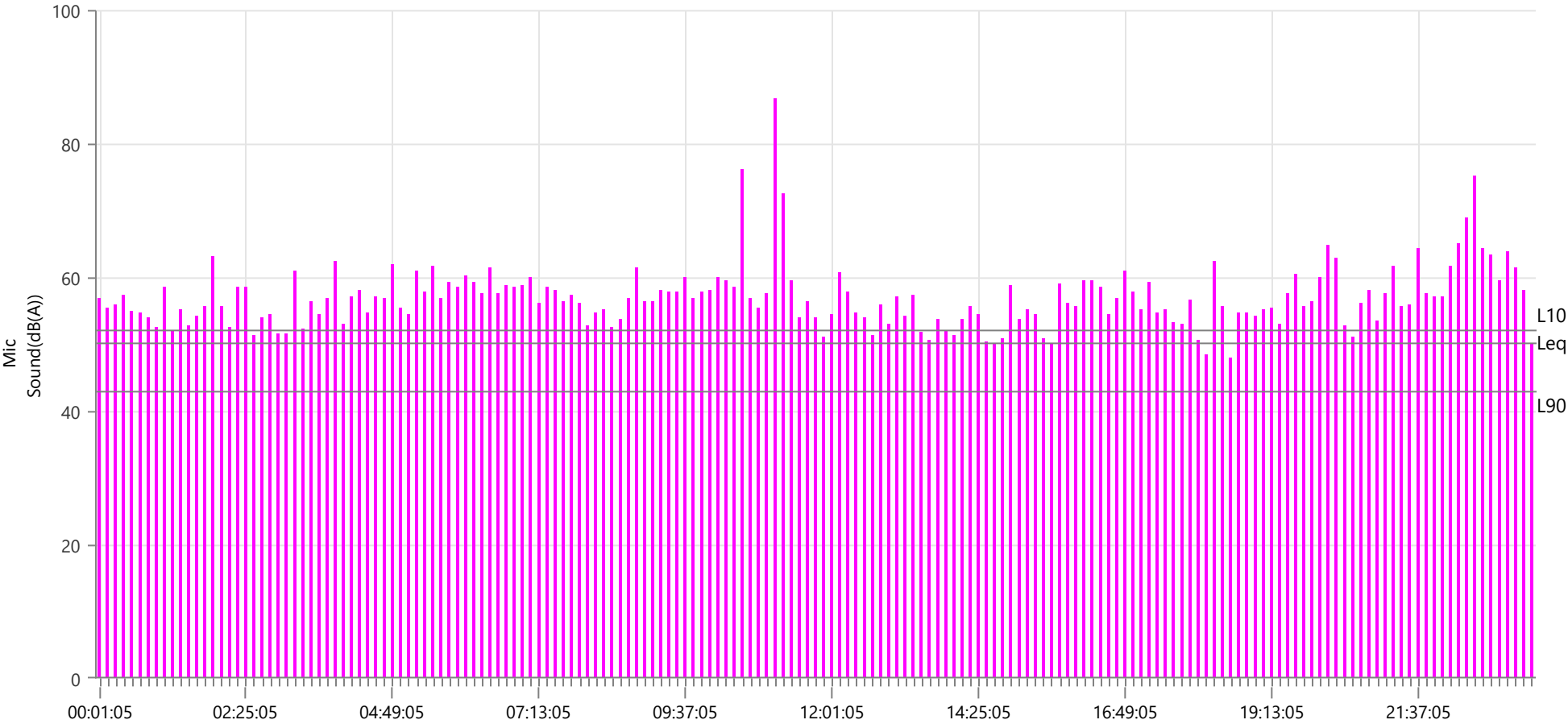
52

43

50.1

✓ Passed

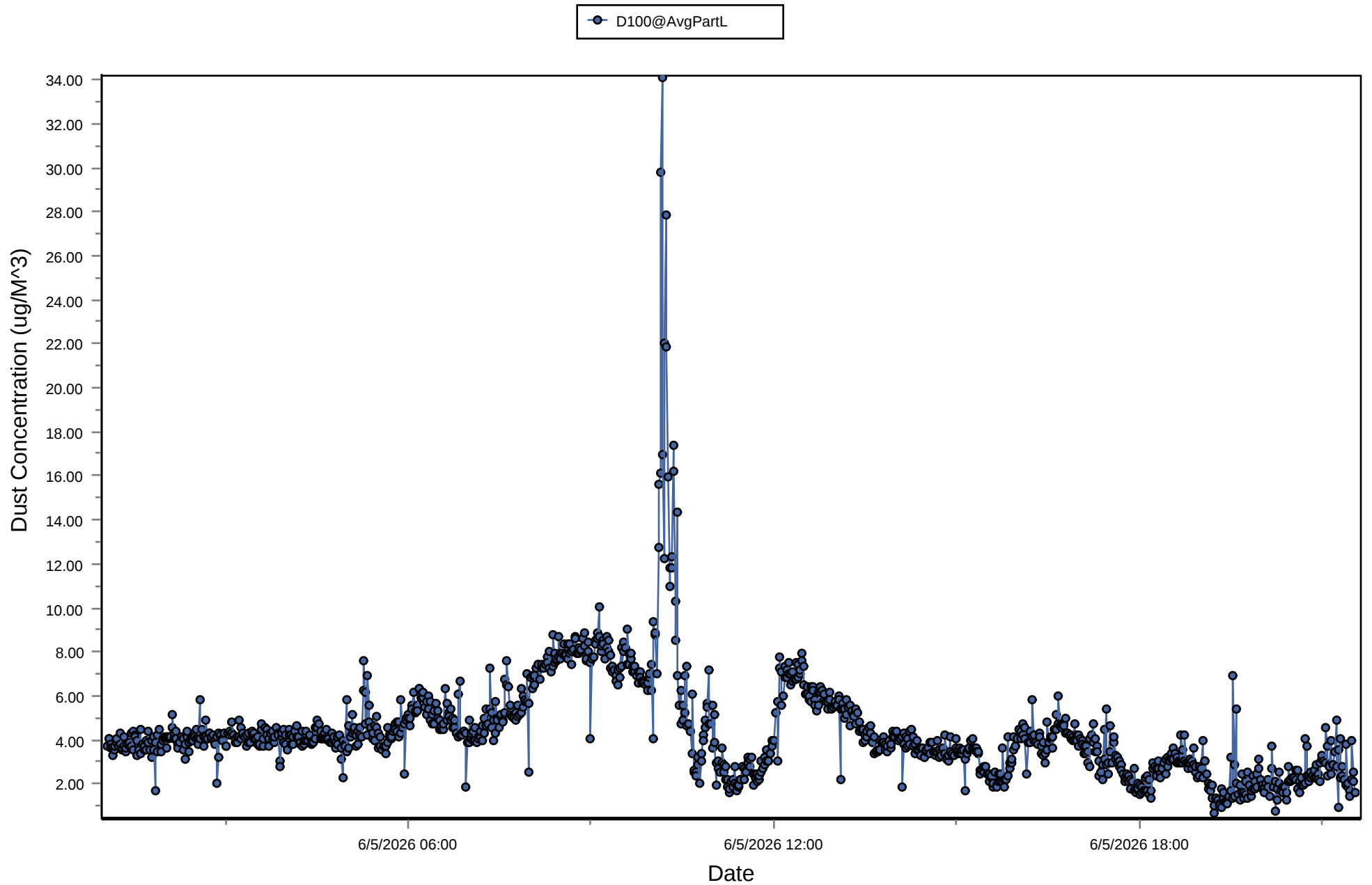
1083 mv



✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

