

Waveform Trigger Source Long at September 10, 2026 15:37:33
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_20260910153733.IDFW
USB Sensor Support Disabled

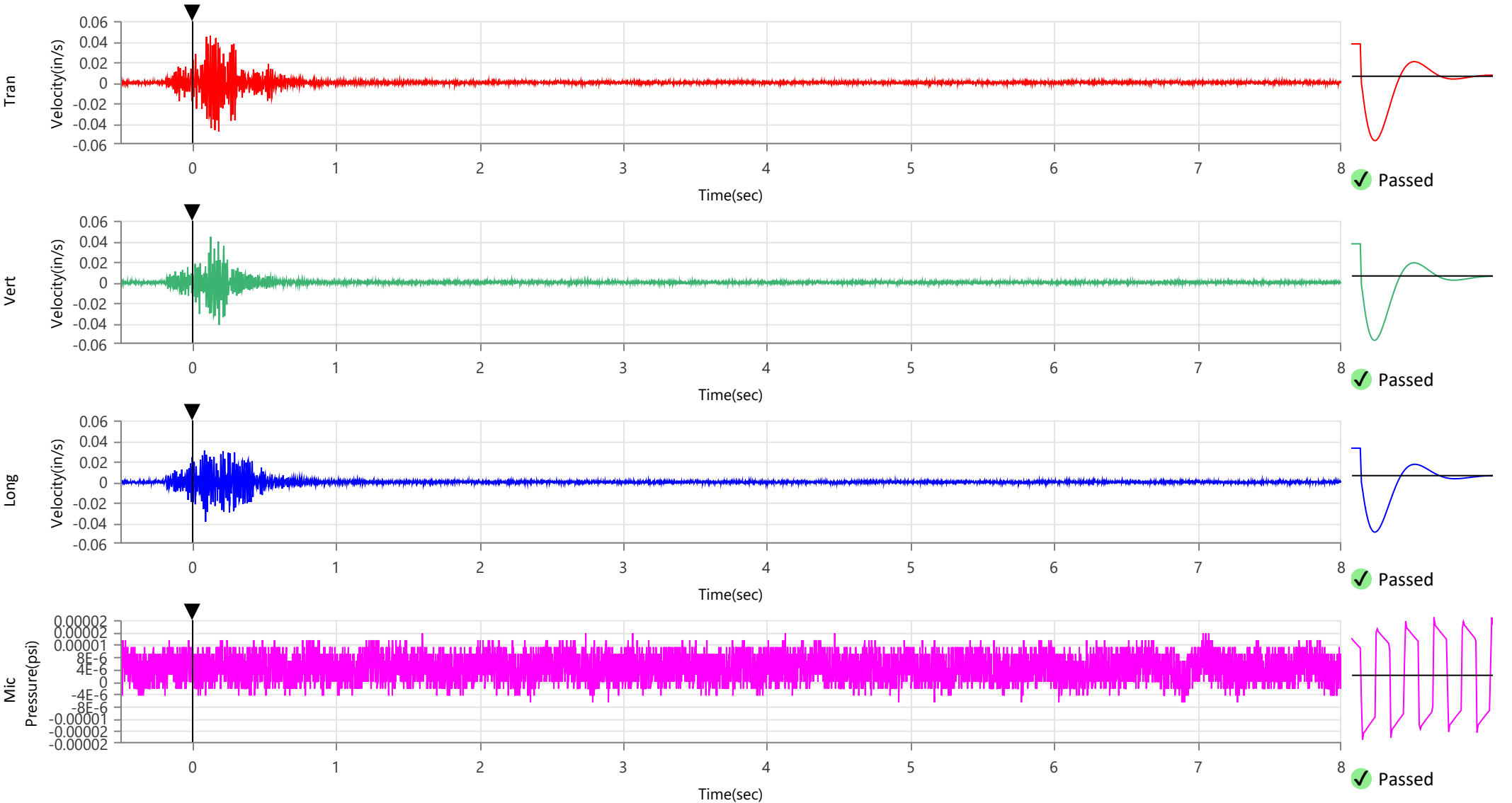
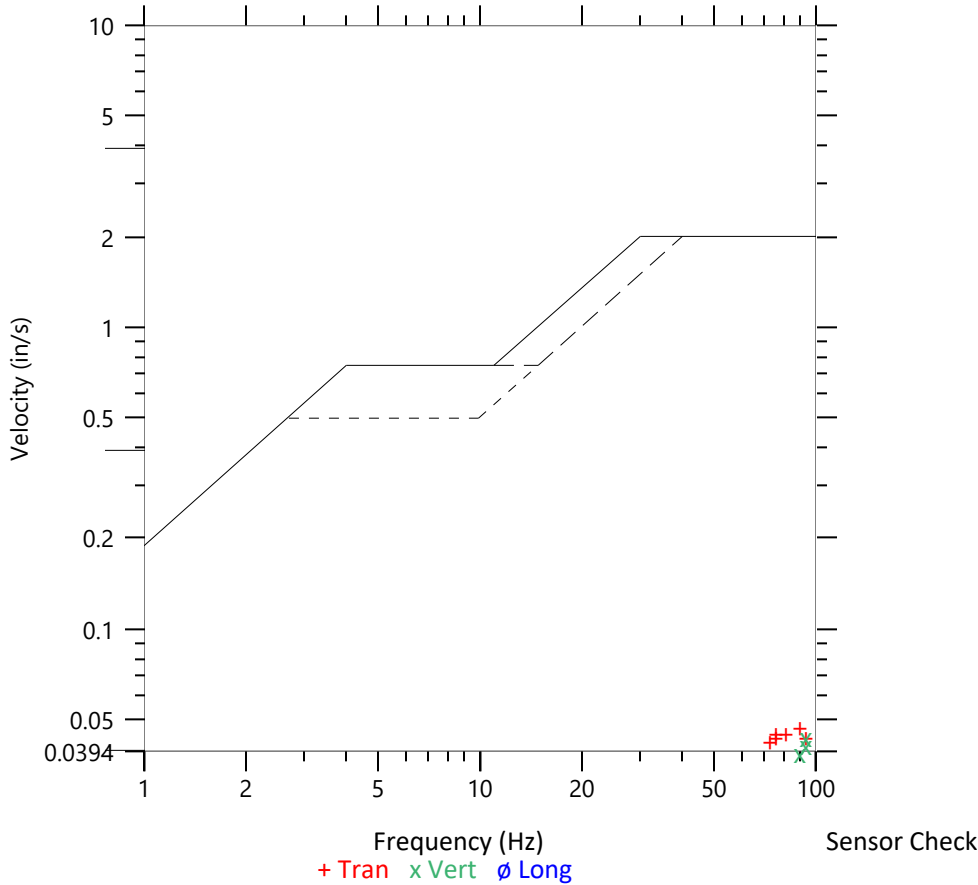
Notes
Location Station 1
Client Spicewood Crushed Stone
Company Hwy 71 Quarry
General Notes IGS, Inc.

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

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0478 in/s	0.0444 in/s	0.0388 in/s
Zero Crossing Frequency	89.0 Hz	93.1 Hz	81.9 Hz
Time (Relative to Trigger)	0.186 sec	0.129 sec	0.093 sec
Peak Acceleration	0.079 g	0.072 g	0.056 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.4	4.8	4.9
Peak Vector Sum	0.0564 in/s at 0.128 sec		

ISEE Linear Microphone
Peak Sound Pressure Level <0.000073 psi
Peak Sound Pressure Level <88 dB(L)
Time (Relative to Trigger) 1.602 sec
Zero Crossing Frequency >100 Hz
Sensor Check ✓ Passed
Frequency 19.7 Hz
Test Amplitude 1050 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



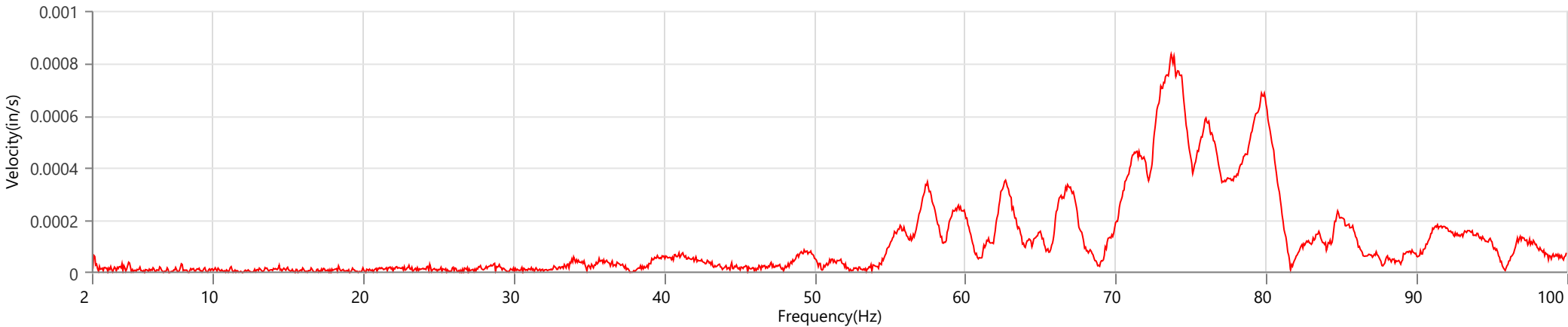
Waveform Trigger Source	Long at September 10, 2026 15:37:33	Serial Number	UM20084
Trigger Level(s)	Geo 0.0200 in/s	Model Number	Micromate ISEE 11.0CB
Trigger Level (Mic)	Mic 0.01029 psi, 131 dB(L)	Battery Level	3.8 volts
Pre-Trigger/Record Time	0.50 sec/8.0 sec (Fixed)	Unit Calibration	December 31, 2025 by Instantel
Sample Rate	4096 sps	Event File Name	UM20084_20260910153733.IDFW
Setup File Name	Spicewood Hwy 71 - Station 1.mmb	USB Sensor Support	Disabled
Operator	Operator		

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

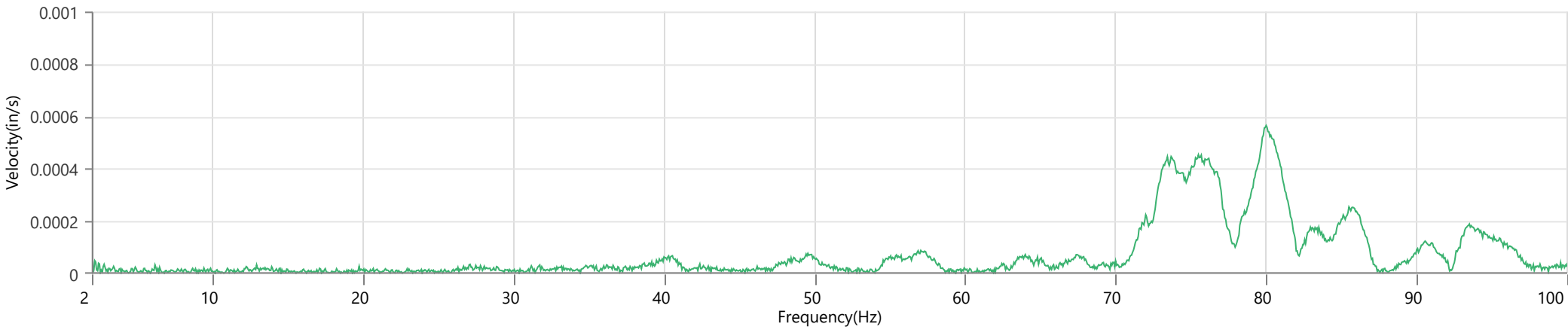
Extended Note N30.49572 W98.21577

Post Event Notes No text to be displayed.

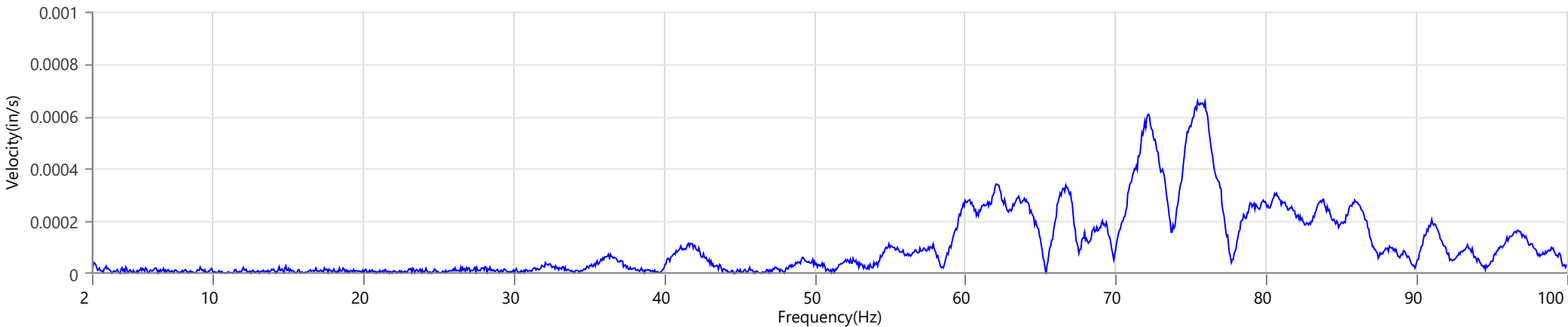
Tran - Dominant Frequency 73.7 Hz, Amplitude 0.0008 in/s (Peak Particle Velocity: 0.0478 in/s)



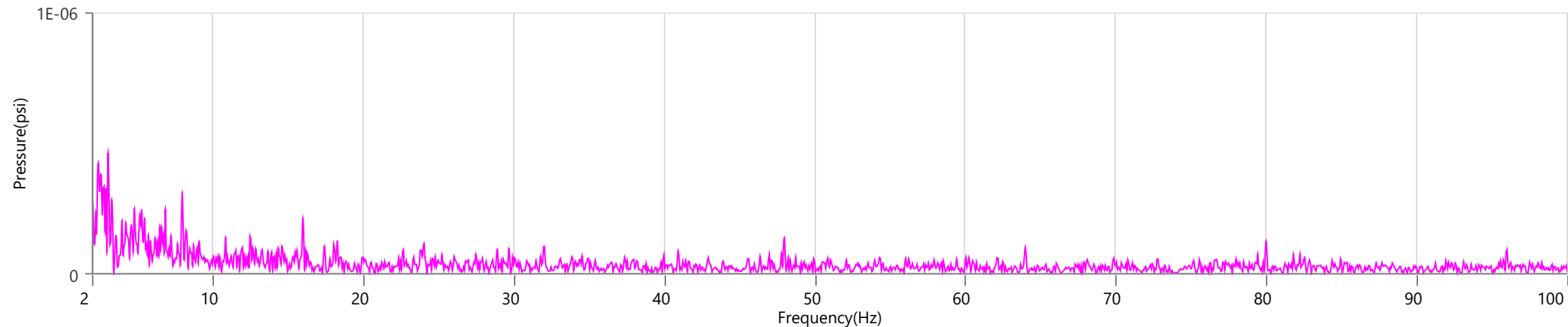
Vert - Dominant Frequency 80.0 Hz, Amplitude 0.0006 in/s (Peak Particle Velocity: 0.0444 in/s)



Long - Dominant Frequency 75.4 Hz, Amplitude 0.0007 in/s (Peak Particle Velocity: 0.0388 in/s)



Mic - Dominant Frequency 3.1 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000016 psi)



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

Vert at September 10, 2026 16:37:33
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 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_20260910163733.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
Peak Particle Velocity
Zero Crossing Frequency
Time (Relative to Trigger)
Peak Acceleration
Peak Displacement
Sensor Check
Frequency
Overswing Ratio

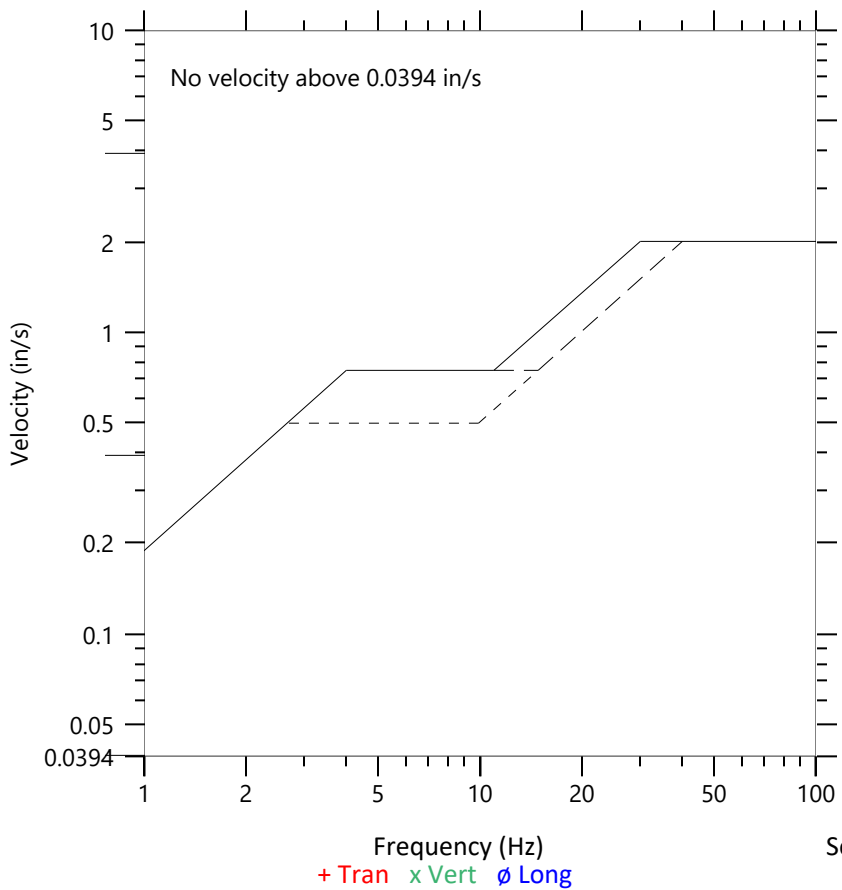
Tran	Vert	Long
0.0161 in/s	0.0298 in/s	0.0180 in/s
81.9 Hz	89.0 Hz	93.1 Hz
0.021 sec	0.031 sec	0.110 sec
0.036 g	0.049 g	0.033 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.7 Hz	7.3 Hz
4.2	4.2	3.9

Peak Vector Sum 0.0336 in/s at 0.110 sec

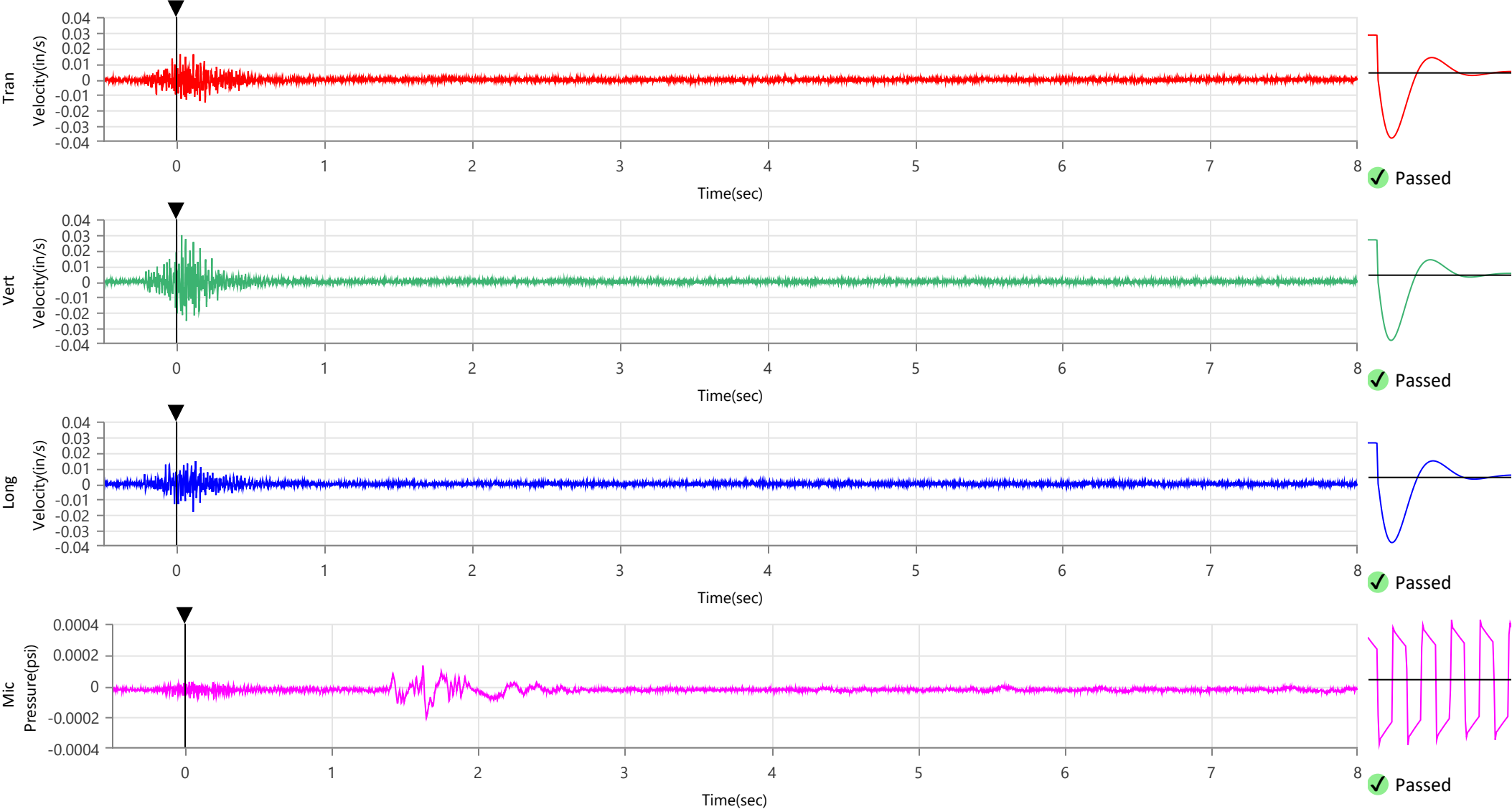
ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.000200 psi
96.8 dB(L)
1.647 sec
6.3 Hz
✓ Passed
19.7 Hz
1058 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



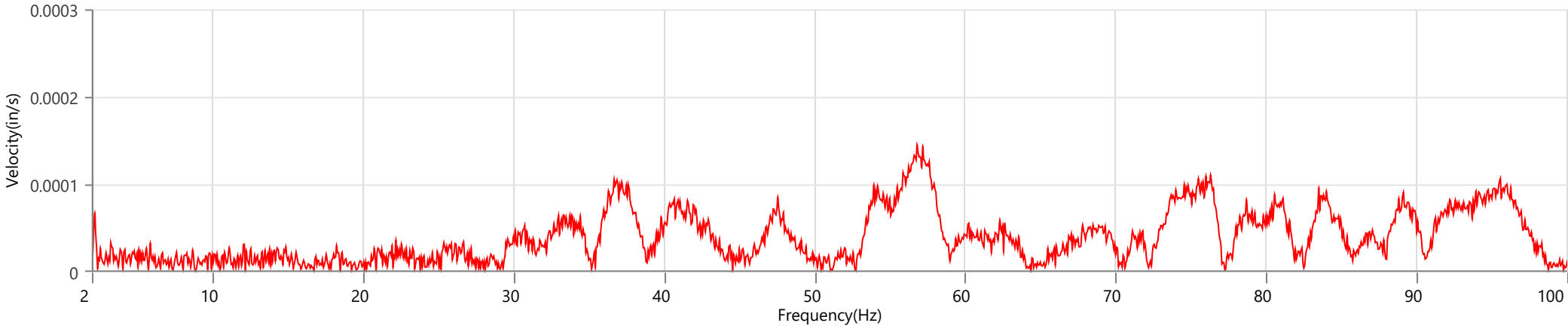
Waveform Trigger Source	Vert at September 10, 2026 16:37:33	Serial Number	UM21416
Trigger Level(s)	Geo 0.0200 in/s	Model Number	Micromate ISEE 11.0CB
Trigger Level (Mic)	Mic 0.01029 psi, 131 dB(L)	Battery Level	3.8 volts
Pre-Trigger/Record Time	0.50 sec/8.0 sec (Fixed)	Unit Calibration	May 5, 2026 by Instantel
Sample Rate	4096 sps	Event File Name	UM21416_20260910163733.IDFW
Setup File Name	Spicewood Hwy 71 - Station 2.mmb	USB Sensor Support	Disabled
Operator	Operator		

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

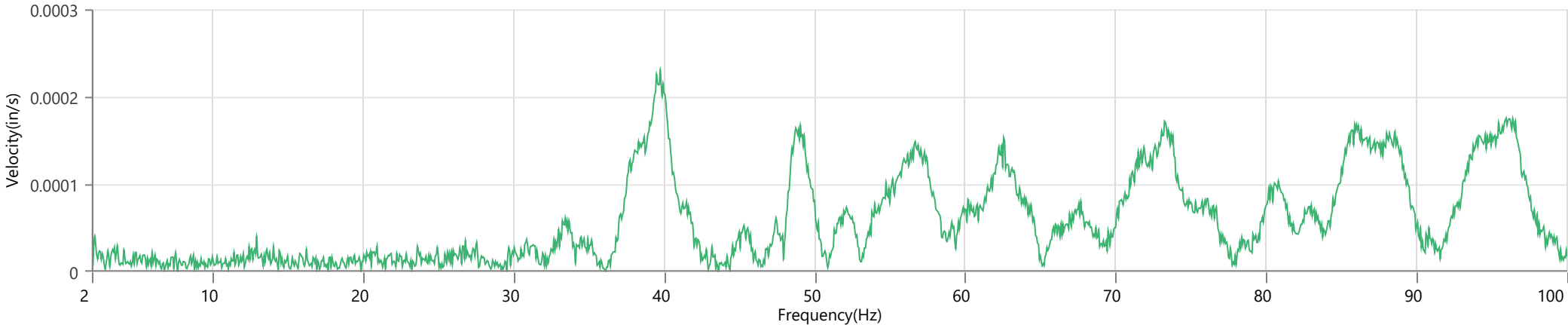
Extended Note N30.49650 W-98.21572

Post Event Notes No text to be displayed.

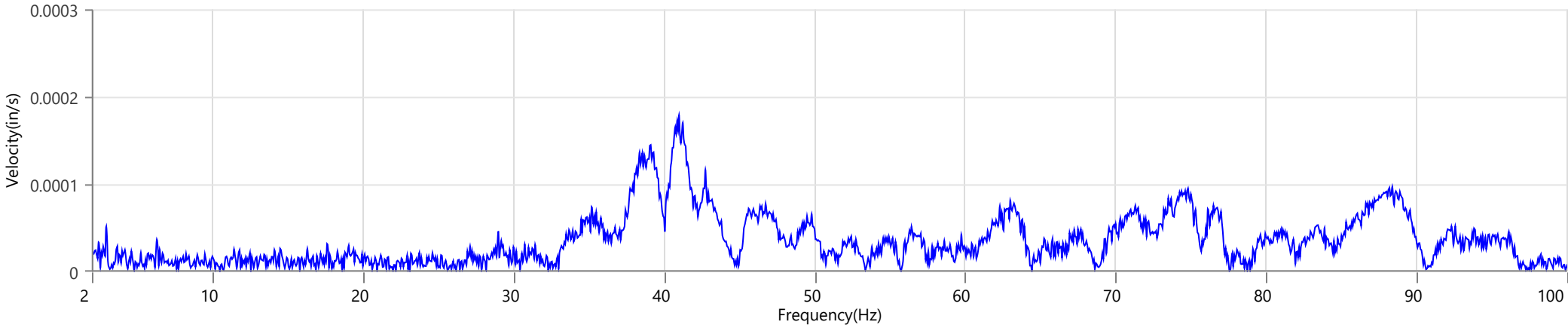
Tran - Dominant Frequency 56.8 Hz, Amplitude 0.0001 in/s (Peak Particle Velocity: 0.0161 in/s)



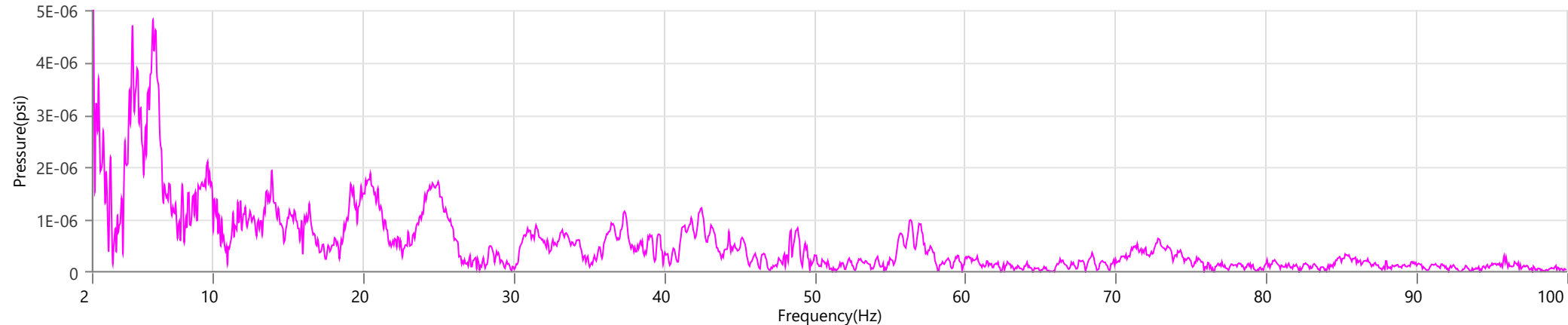
Vert - Dominant Frequency 39.8 Hz, Amplitude 0.0002 in/s (Peak Particle Velocity: 0.0298 in/s)



Long - Dominant Frequency 41.0 Hz, Amplitude 0.0002 in/s (Peak Particle Velocity: 0.0180 in/s)



Mic - Dominant Frequency 2.1 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000200 psi)



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

Vert at September 10, 2026 15:37:33
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 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_20260910153733.IDFW
Disabled

Notes
Location
Client
Company
General Notes

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

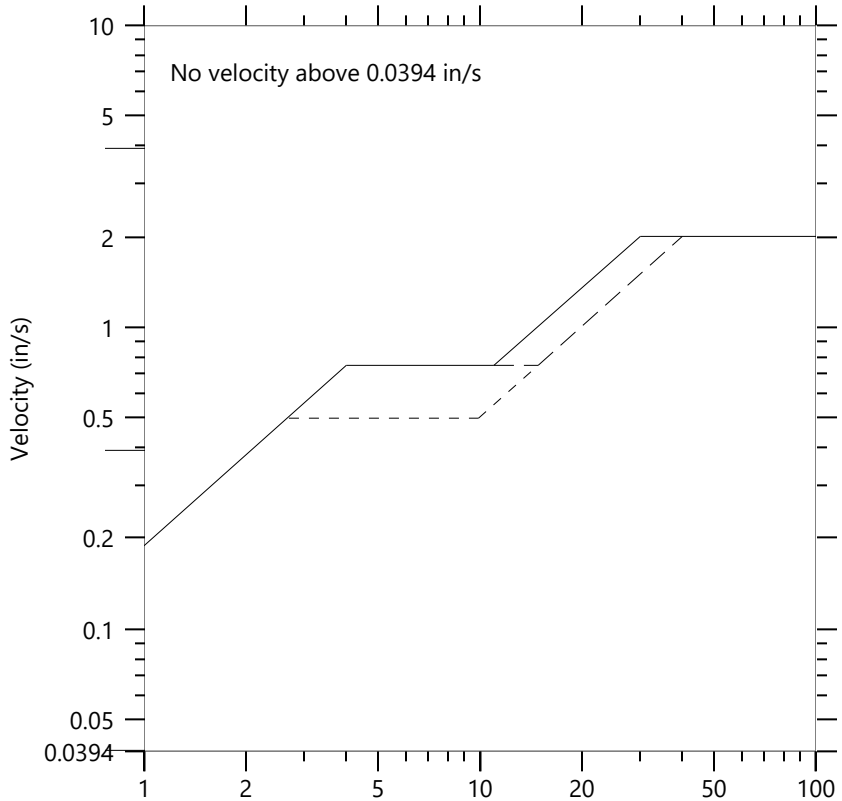
Extended Note N30.49821 W98.21578
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0298 in/s	0.0233 in/s	0.0251 in/s
Zero Crossing Frequency	51.2 Hz	>100 Hz	78.8 Hz
Time (Relative to Trigger)	0.134 sec	0.000 sec	0.053 sec
Peak Acceleration	0.082 g	0.039 g	0.049 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.5	4.4	4.1
Peak Vector Sum	0.0404 in/s at 0.133 sec		

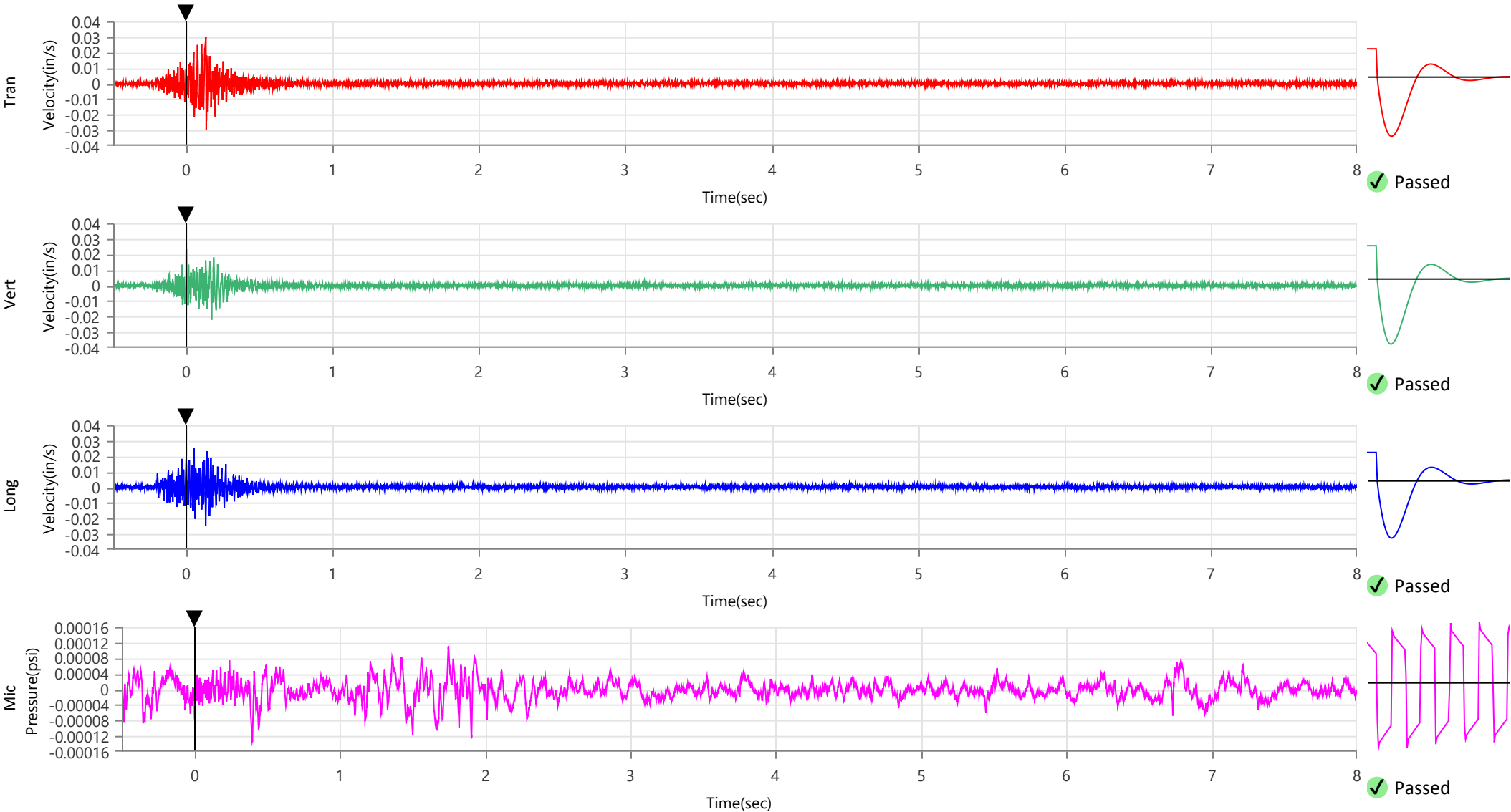
ISEE Linear Microphone
Peak Sound Pressure Level
Peak Sound Pressure Level
Time (Relative to Trigger)
Zero Crossing Frequency
Sensor Check
Frequency
Test Amplitude

0.000135 psi
93.4 dB(L)
0.399 sec
19.3 Hz
✓ Passed
19.7 Hz
1081 mv

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
+ Tran x Vert ø Long
Sensor Check





UM21515
Micromate ISEE 11.0CB
3.8 volts
December 23, 2025 by Instanтел
UM21515_20260910153733.IDFW
Disabled

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

Post Event Notes No text to be displayed.

The graph displays the velocity response across a frequency spectrum from 2 to 100 Hz. The y-axis, labeled 'Velocity(in/s)', has major ticks at 0, 0.0001, 0.0002, and 0.0003. The x-axis, labeled 'Frequency(Hz)', has major ticks every 10 units from 2 to 100. The data is represented by a green line that is highly oscillatory. A significant peak occurs at approximately 35 Hz, reaching a velocity of about 0.00027 in/s. Other notable peaks are observed at approximately 67 Hz (0.0001 in/s), 73 Hz (0.00011 in/s), and 91 Hz (0.0001 in/s). The baseline velocity is generally low, fluctuating between 0 and 0.00003 in/s for frequencies below 30 Hz and above 90 Hz.

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

Vert at September 10, 2026 15:37:32
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_20260910153732.IDFW
Disabled

Notes
Location
Client
Company
General Notes

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

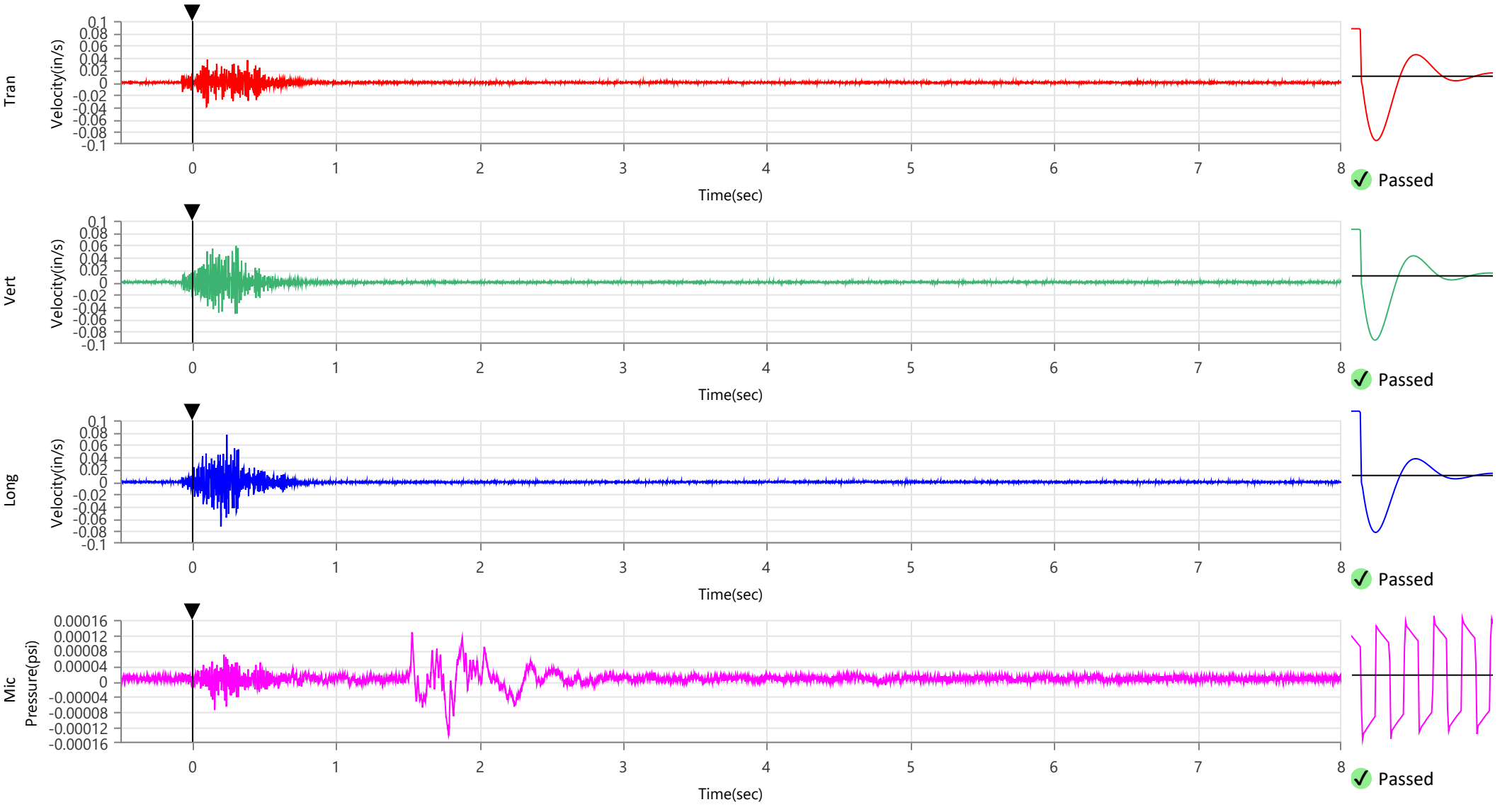
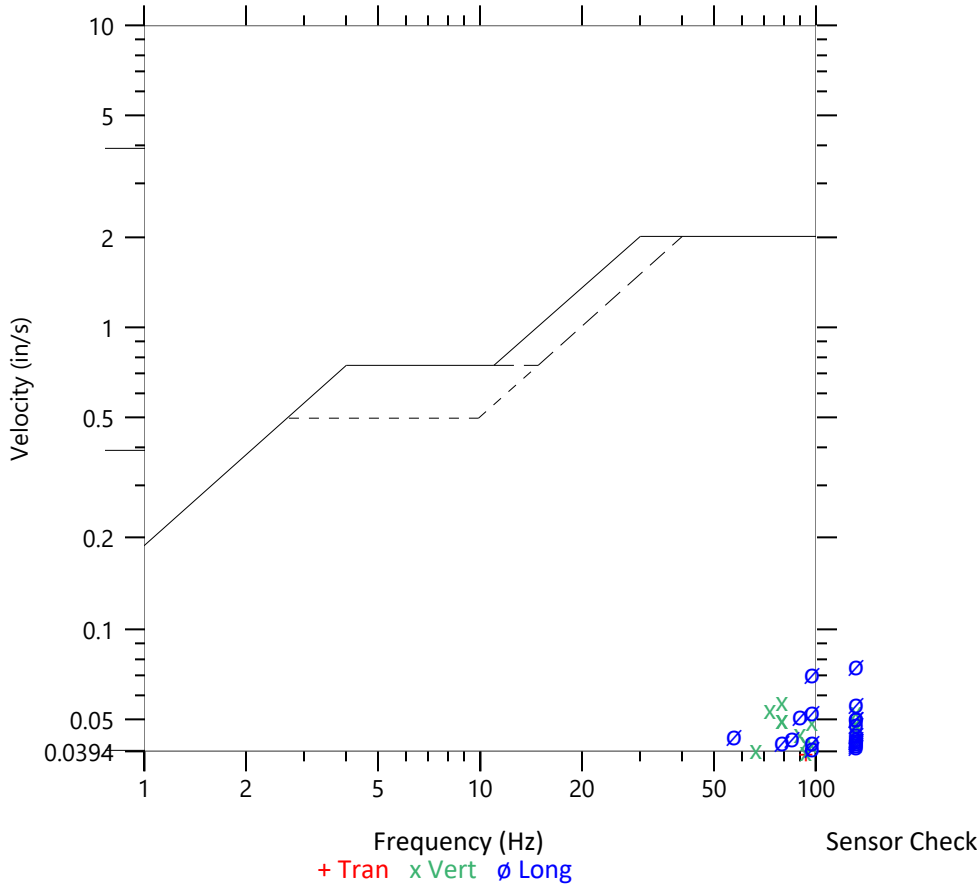
Extended Note N30.49911 W98.21538
Post Event Notes No text to be displayed.

Geophone	Tran	Vert	Long
Peak Particle Velocity	0.0394 in/s	0.0590 in/s	0.0766 in/s
Zero Crossing Frequency	93.1 Hz	78.8 Hz	>100 Hz
Time (Relative to Trigger)	0.100 sec	0.306 sec	0.242 sec
Peak Acceleration	0.063 g	0.095 g	0.142 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.3 Hz	7.7 Hz	7.3 Hz
Overswing Ratio	2.9	3.2	3.3
Peak Vector Sum	0.0781 in/s at 0.242 sec		

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

0.000140 psi
93.6 dB(L)
1.785 sec
10.6 Hz
✓ Passed
19.7 Hz
1026 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 September 10, 2026 15:37:32
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

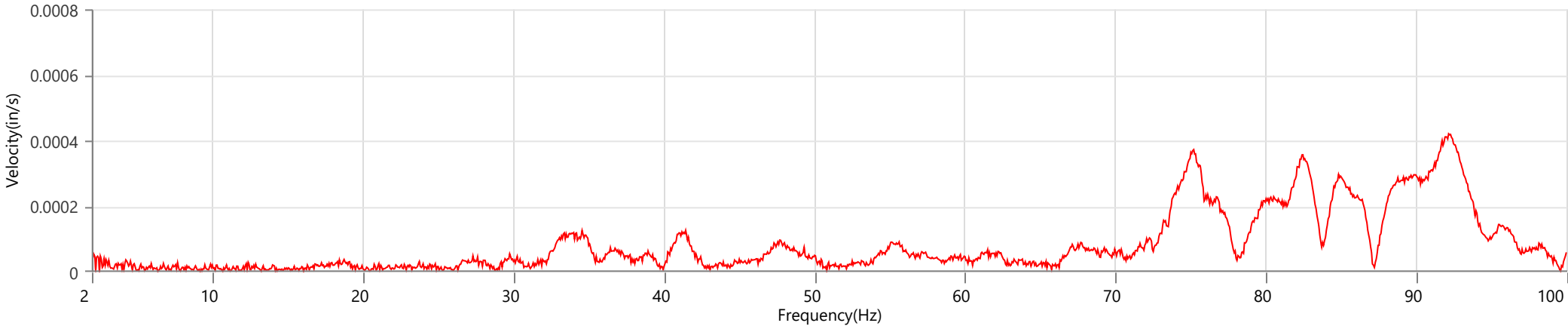
UM6323
Micromate ISEE 11.0CB
3.8 volts
January 6, 2026 by Instantel
UM6323_20260910153732.IDFW
Disabled

Notes
Location
Client
Company
General Notes

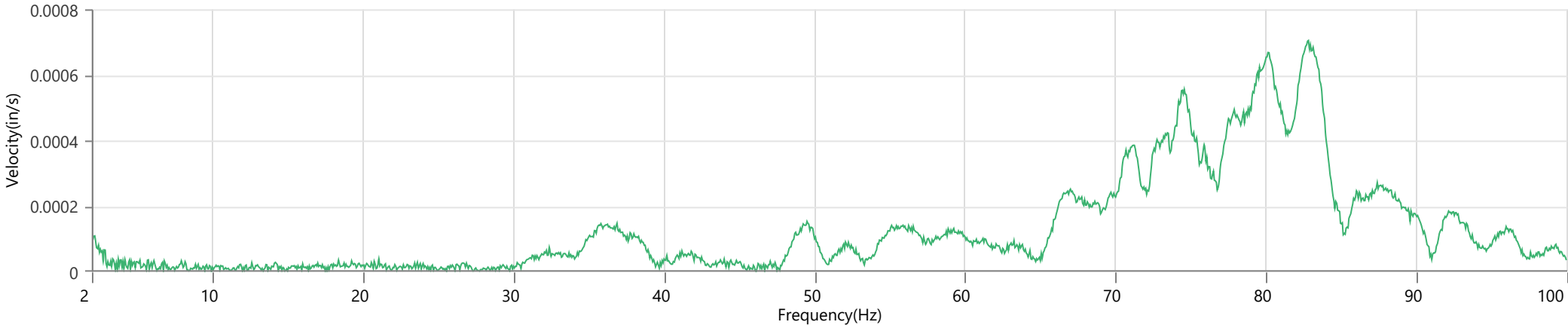
Station 5
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

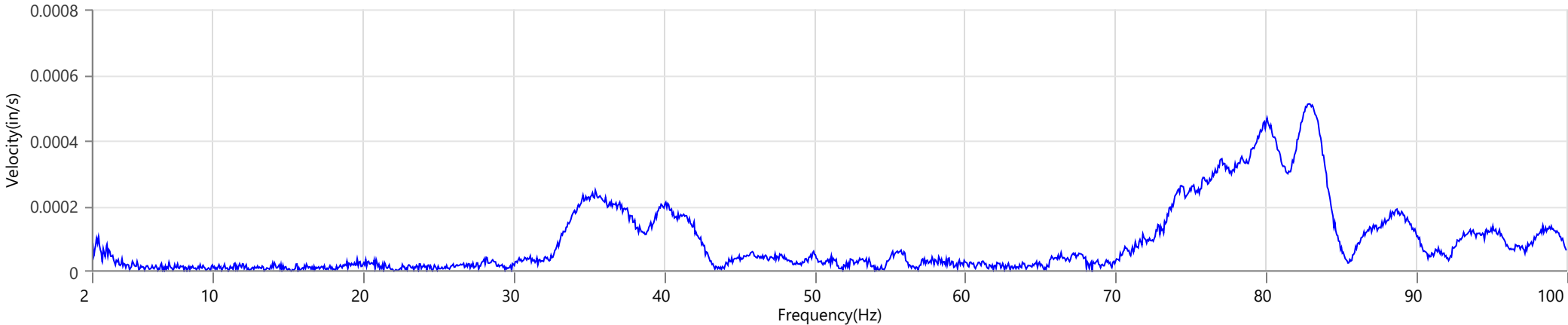
Tran - Dominant Frequency 92.1 Hz, Amplitude 0.0004 in/s (Peak Particle Velocity: 0.0394 in/s)



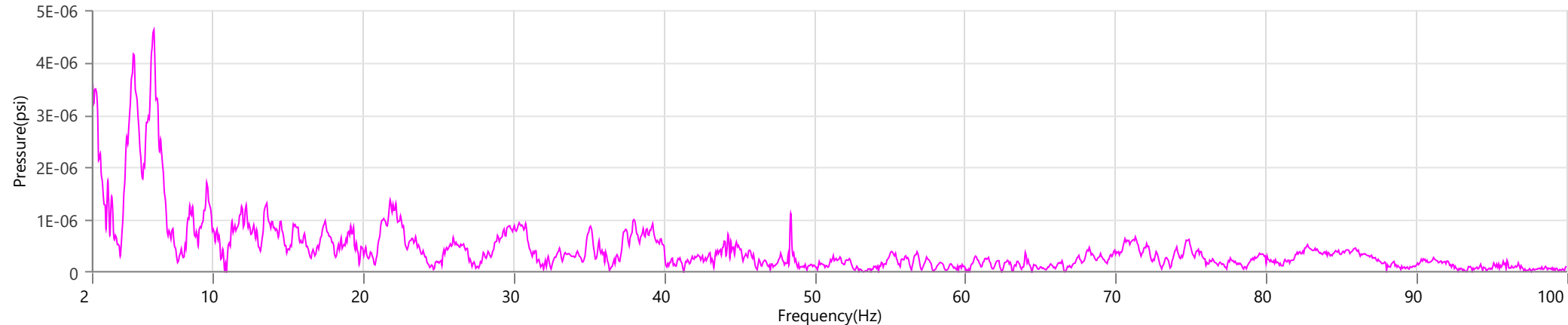
Vert - Dominant Frequency 82.8 Hz, Amplitude 0.0007 in/s (Peak Particle Velocity: 0.0590 in/s)



Long - Dominant Frequency 82.9 Hz, Amplitude 0.0005 in/s (Peak Particle Velocity: 0.0766 in/s)



Mic - Dominant Frequency 6.1 Hz, Amplitude 0.00000 psi (Peak Sound Pressure Level: 0.000140 psi)



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

Tran at September 10, 2026 15:37:32
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_20260910153732.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

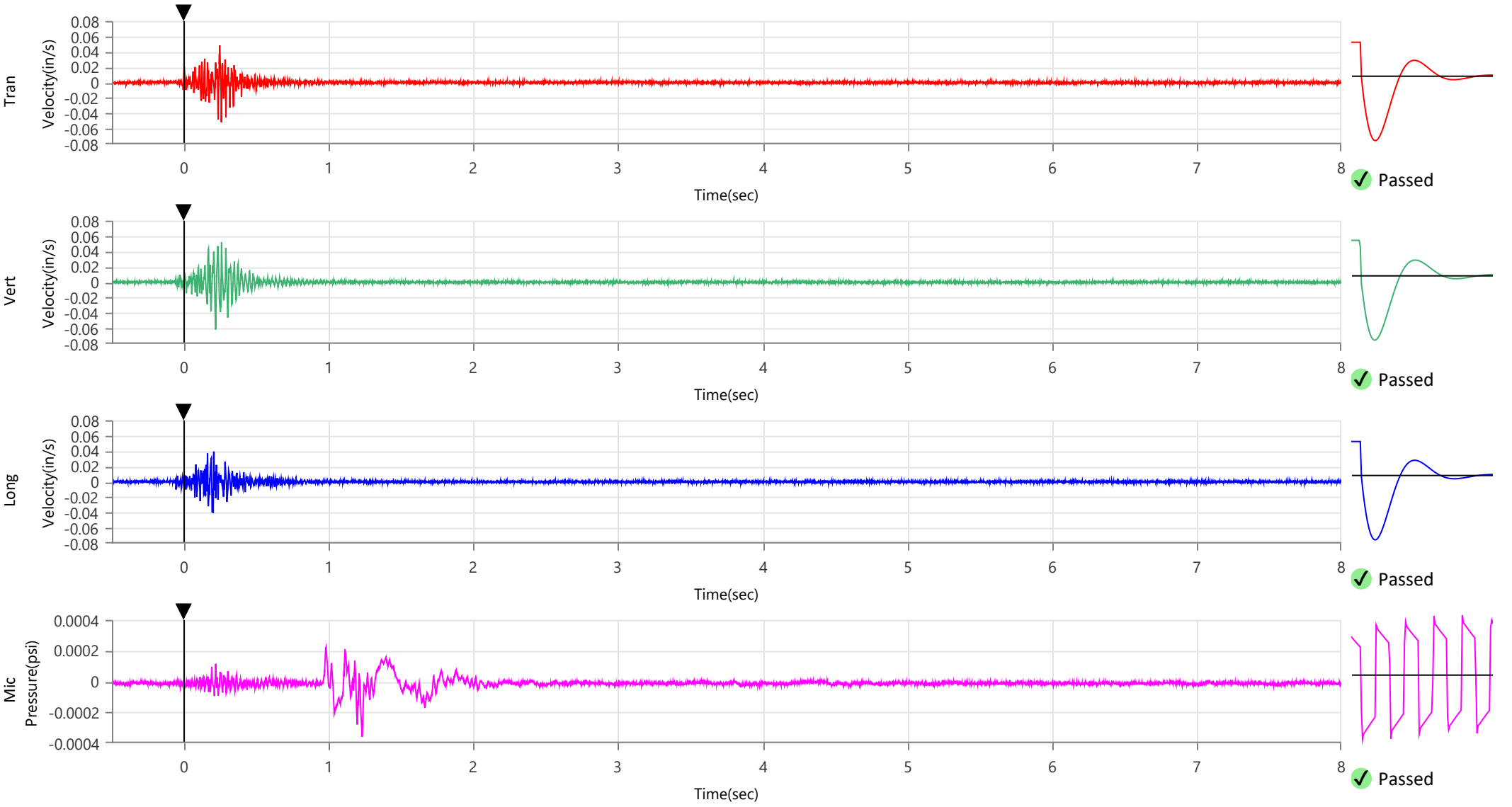
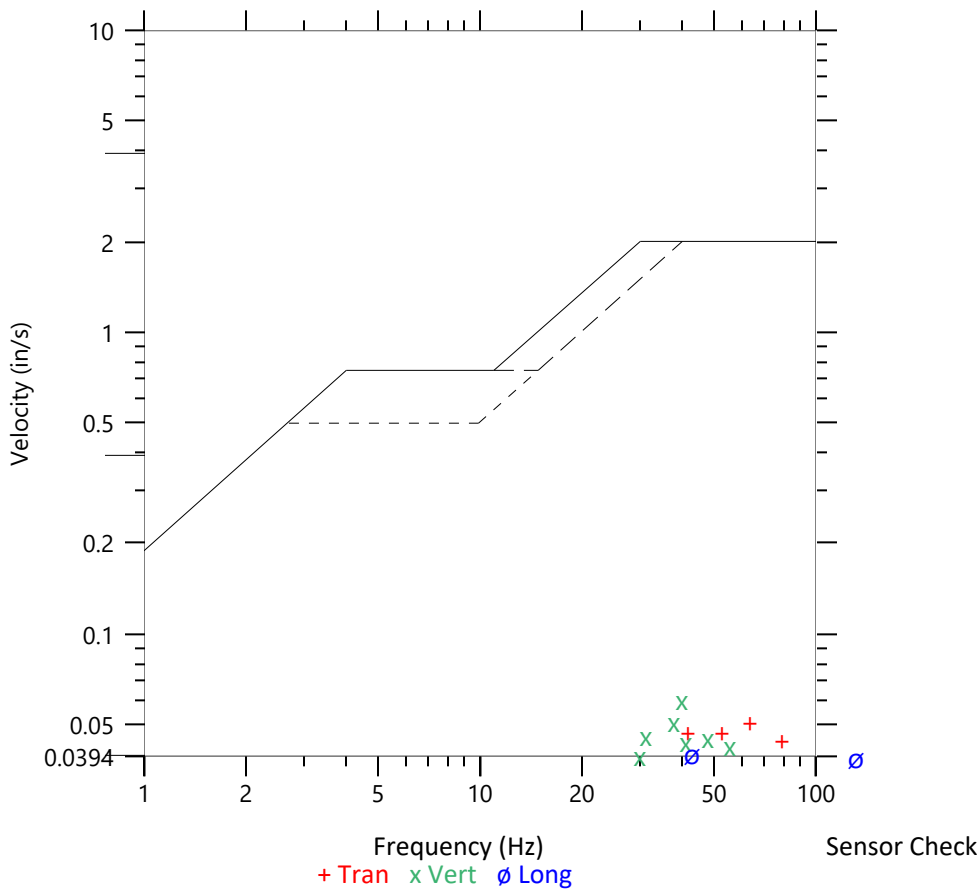
Tran	Vert	Long
0.0515 in/s	0.0614 in/s	0.0403 in/s
64.0 Hz	40.2 Hz	42.7 Hz
0.258 sec	0.218 sec	0.201 sec
0.059 g	0.066 g	0.076 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.5 Hz	7.3 Hz	7.3 Hz
4.0	4.0	4.2

Peak Vector Sum 0.0710 in/s at 0.258 sec

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

0.000360 psi
101.9 dB(L)
1.230 sec
10.1 Hz
✓ Passed
19.7 Hz
1081 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

Tran at September 10, 2026 15:37:32
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

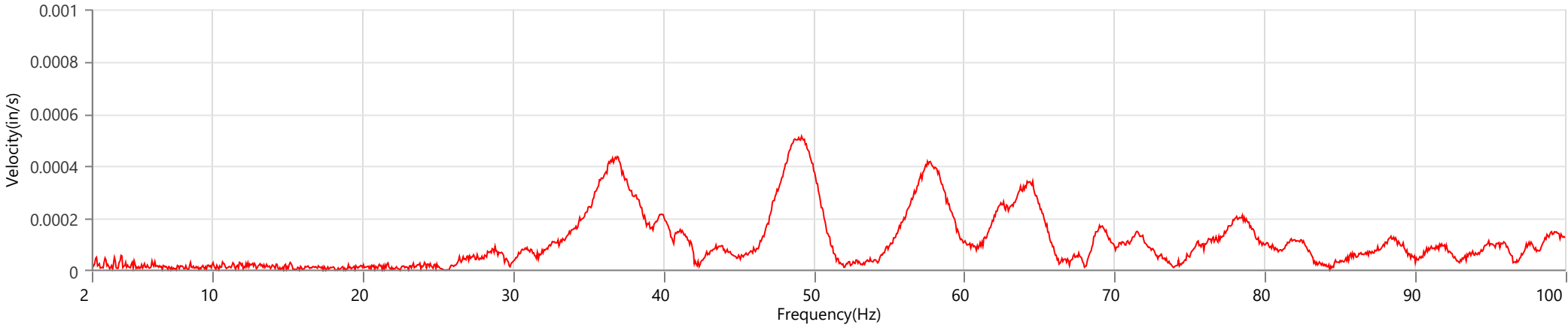
UM21525
Micromate ISEE 11.0CB
3.8 volts
April 6, 2026 by Instantel
UM21525_20260910153732.IDFW
Disabled

Notes
Location
Client
Company
General Notes

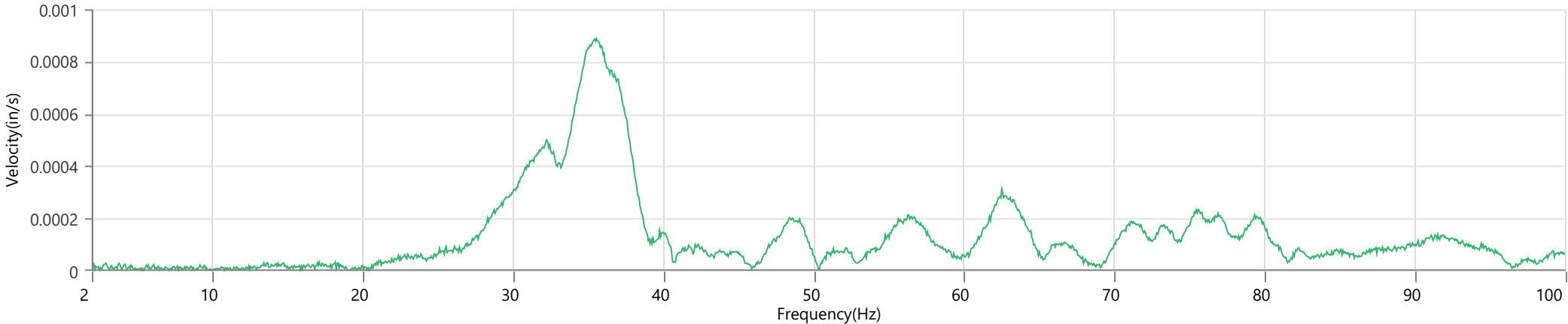
Station 6
Spicewood Crushed Stone
Hwy 71 Quarry
IGS, Inc.

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

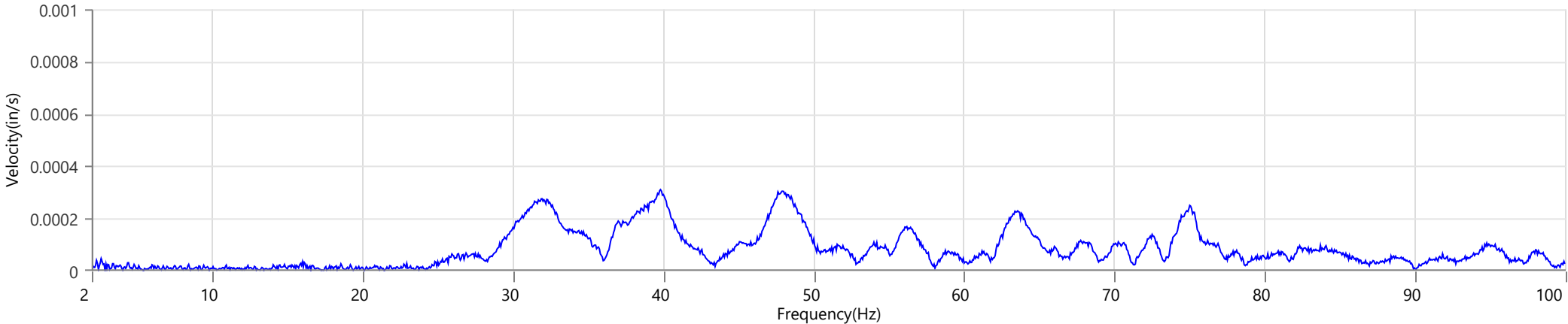
Tran - Dominant Frequency 49.2 Hz, Amplitude 0.0005 in/s (Peak Particle Velocity: 0.0515 in/s)



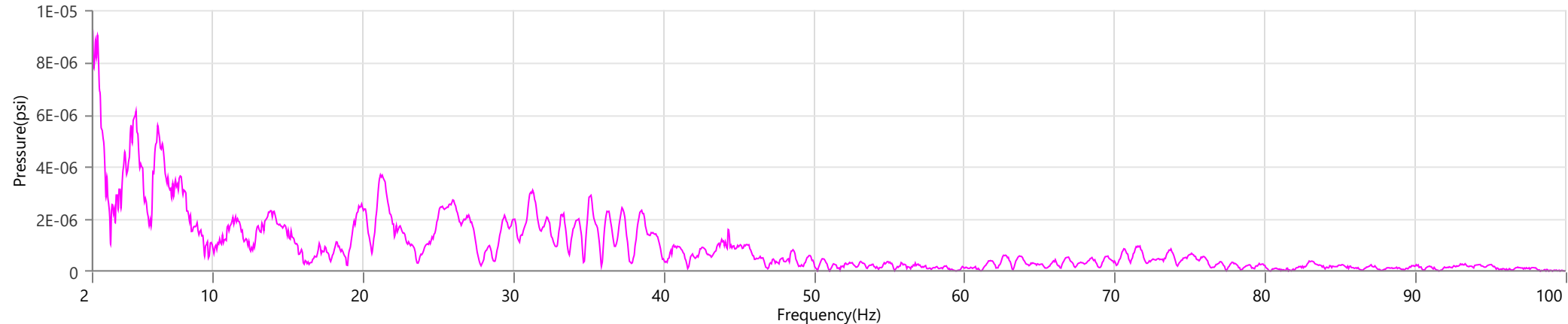
Vert - Dominant Frequency 35.6 Hz, Amplitude 0.0009 in/s (Peak Particle Velocity: 0.0614 in/s)



Long - Dominant Frequency 39.8 Hz, Amplitude 0.0003 in/s (Peak Particle Velocity: 0.0403 in/s)



Mic - Dominant Frequency 2.1 Hz, Amplitude 0.00001 psi (Peak Sound Pressure Level: 0.000360 psi)



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

September 10, 2026 00:00:06

September 10, 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_20260910000006.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

88.1 dB(A)

Sep 10, 2026

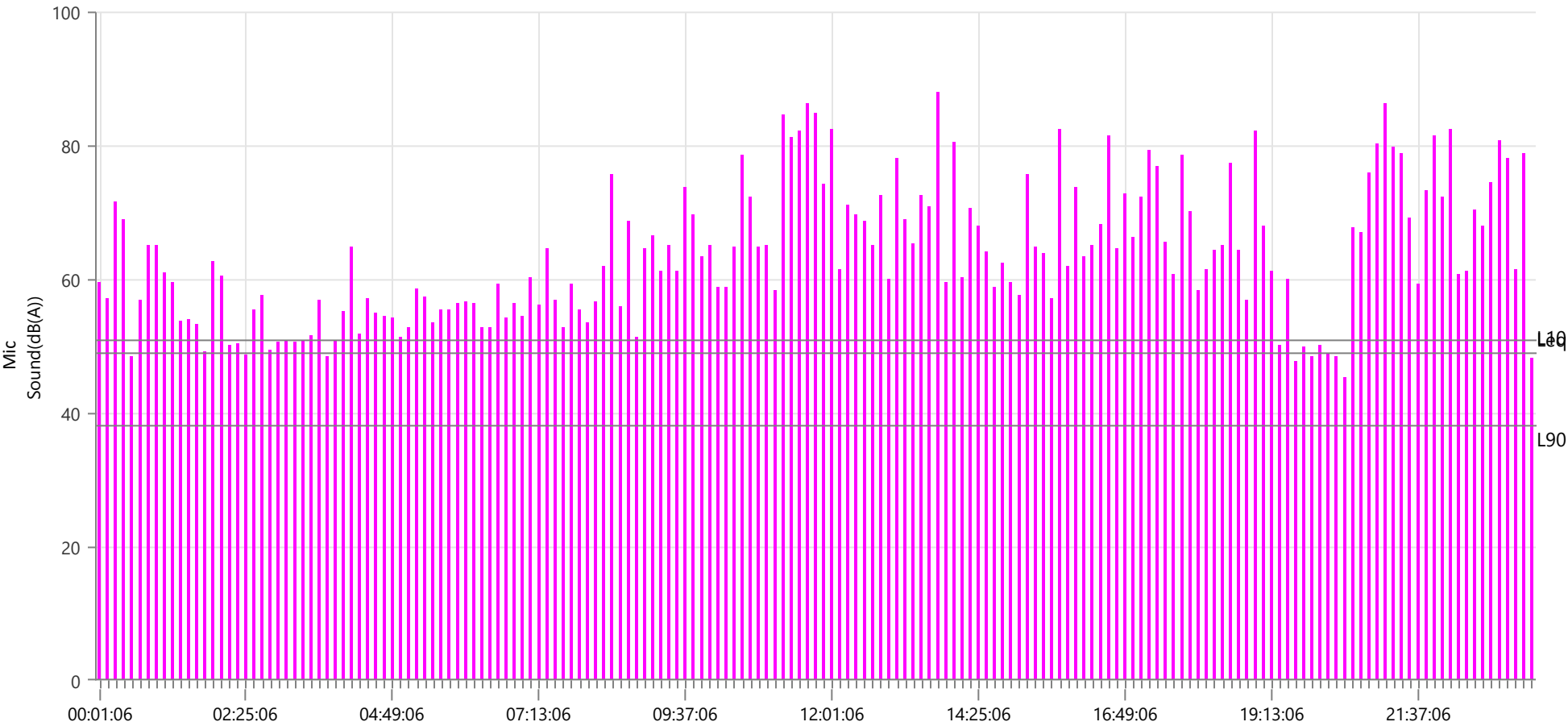
13:46:06

LMin L10 L90 Leq

33.3 49 38 50.8

✓ Passed

1108 mv



Start

Finish

Number of Intervals/Interval

Sample Rate

Setup File Name

Operator

September 10, 2026 00:00:05

September 10, 2026 23:30:00

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_20260910000005.IDFH

Disabled

Notes

Location

Client

Company

General Notes

Noise 3

Spicewood Crushed Stone

Hwy 71 Quarry

IGS, Inc.

Extended Note N30.490958 W98.213495

Post Event Notes No text to be displayed.

Sound Level Microphone

LMax

Date

Time

Sound(dB(A))

Sensor Check

Test Amplitude

A-Weight Slow

84.4 dB(A)

Sep 10, 2026

17:05:05

LMin

L10

L90

Leq

31.9

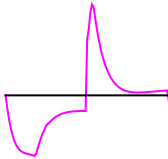
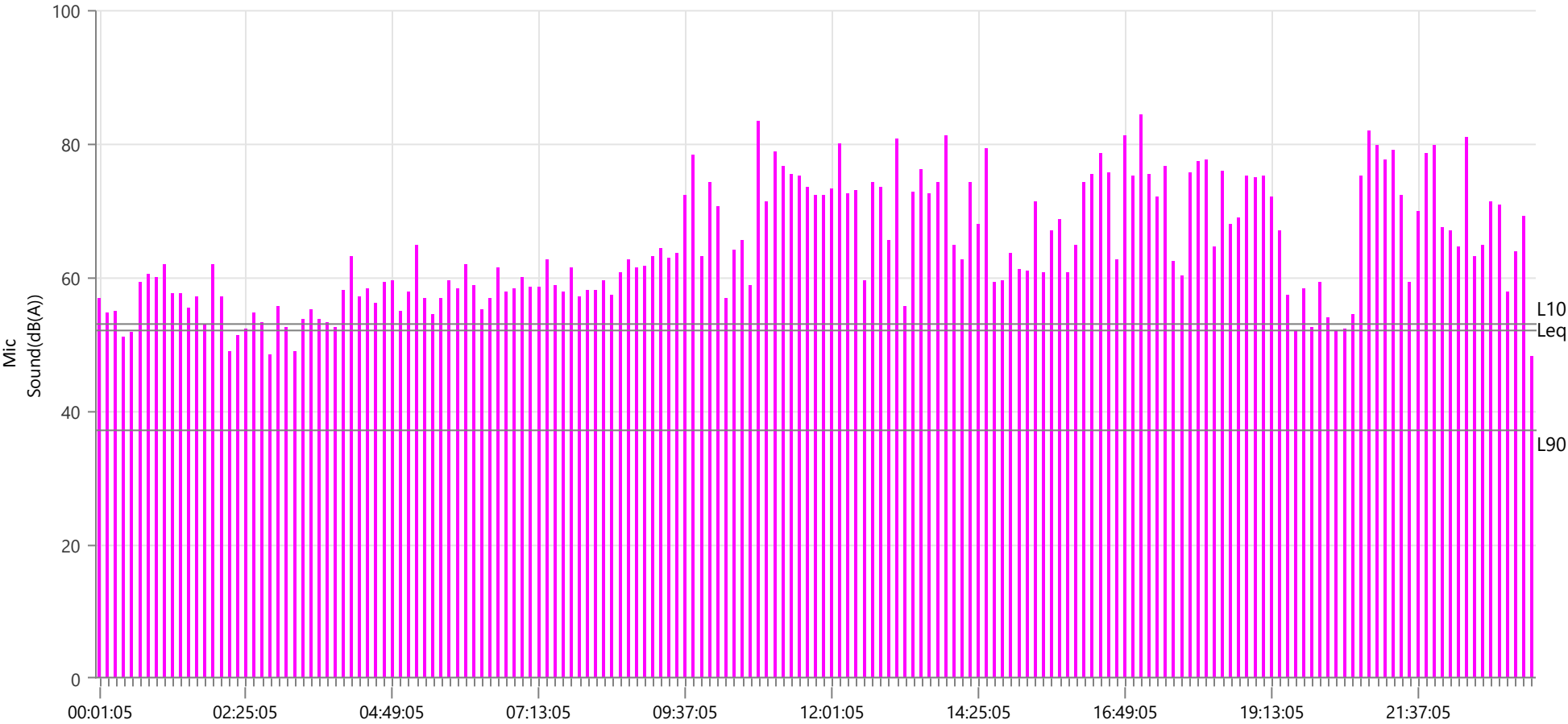
53

37

52.1

✓ Passed

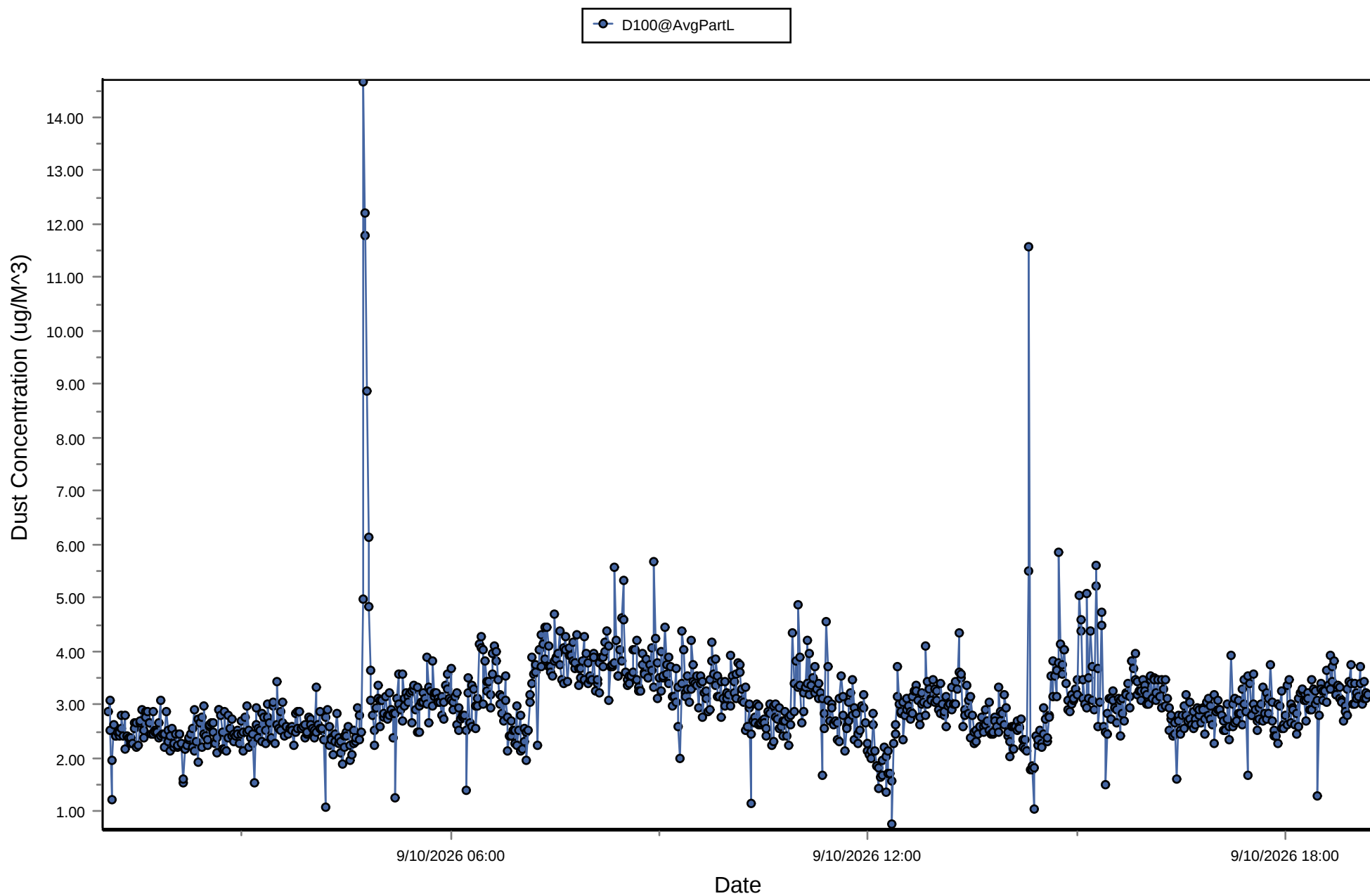
1109 mv



✓ Passed

Spicewood Crushed Stone - Hwy 71 Quarry

South Dust Monitor



Spicewood Crushed Stone - Hwy 71 Quarry

North Dust Monitor

