

CITY OF DOUBLE HORN

AGENDA

SPECIAL MEETING

CITY COUNCIL

THURSDAY JULY 1, 2021

7:00PM

SPICEWOOD COMMUNITY CENTER

Located at 7901 CR 404

SPICEWOOD, TEXAS 78669

THE CITY OF DOUBLE HORN COUNCIL MEETINGS ARE AVAILABLE TO ALL PERSONS REGARDLESS OF DISABILITY, IF YOU REQUIRE SPECIAL ASSISTANCE, PLEASE CONTACT CATHY SERENO AT 830-693-1508 AT LEAST 48 HOURS IN ADVANCE OF THE MEETING. THANK YOU.

Citizens will be given an opportunity to provide comments on any item listed on the regular agenda when the agenda item is called. Comments should be limited to (3) three minutes.

1. Call Meeting to Order
2. Rollcall to Confirm Quorum
3. Invocation
4. Pledge of Allegiance – U.S. & Texas
Texas Pledge: Honor the Texas flag; I pledge allegiance to thee, Texas, one state under God, one and indivisible.
5. Approval of Minutes –6/10/2021 Regular Council Meeting
6. Citizen Comments – This is an opportunity for the citizens to address the City Council concerning an issue of community interest not on the agenda. Any deliberation of an issue raised during Citizen Comments is limited to a statement of fact regarding the item; a statement concerning the policy regarding the item or a proposal to place the item on a future agenda Each citizen will be allowed 3 minutes to speak and must sign up before the meeting begins and indicate the subject the speaker wishes to address.
7. Regular Agenda – the Council will individually discuss, consider, and possibly take action on any or all of the following items:
 - A. Discuss and consider action to fill open position on City Council (replacing Glenn Leisey) for the unexpired term ending November 2021.
 - B. Spicewood Crushed Stone Update including a review of blast data & Hwy 71 Improvements.
Guest Speakers: Joe Crownover, Integrated Geotechnical Solutions, Inc & Matt Dalrymple, Dalrymple Mining
 - C. Discuss and consider other matters for inclusion on the agenda for the next regular meeting of the City Council
8. Close Regular Meeting

9. Open Executive Session.

Executive session in accordance with the Texas Government Code, Section 551.071 – Consultation with Attorney on pending litigation or on a matter in which the Attorney has a duty to the City under the Texas Disciplinary Rules of Professional Conduct that clearly conflicts with the provisions of the Open Meetings Law. The Council may require the citizens to vacate the meeting room, or teleconference line, during the executive session (alternatively a private line may be opened for executive session).

i) Consultation with Attorney regarding Litigation: State of Texas v. Double Horn et al.

10. Close Executive Session

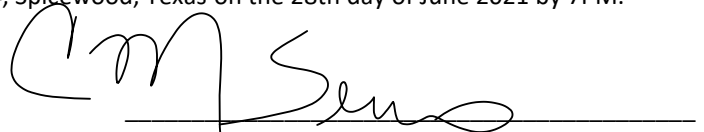
11. Open Regular Meeting

12. Consider action, if any, from Executive Session

13. Adjournment

The Council may go into closed session at any time to discuss an item on the agenda when permitted by Chapters 418 or 551, Texas Government Code, or Section 321.3022 of the Texas Tax Code. Before going into closed session, a quorum of the Council must be assembled in the meeting room, the meeting must be convened as an open meeting pursuant to proper notice, and the presiding officer must announce that a closed session will be held and must identify the sections of Chapter 551 or 418, Texas Government Code, or Section 321.3022 of the Texas Tax Code authorizing the closed session

I certify that the above notice of meeting was posted at 7901 CR 404, Spicewood, Texas on the 28th day of June 2021 by 7PM.

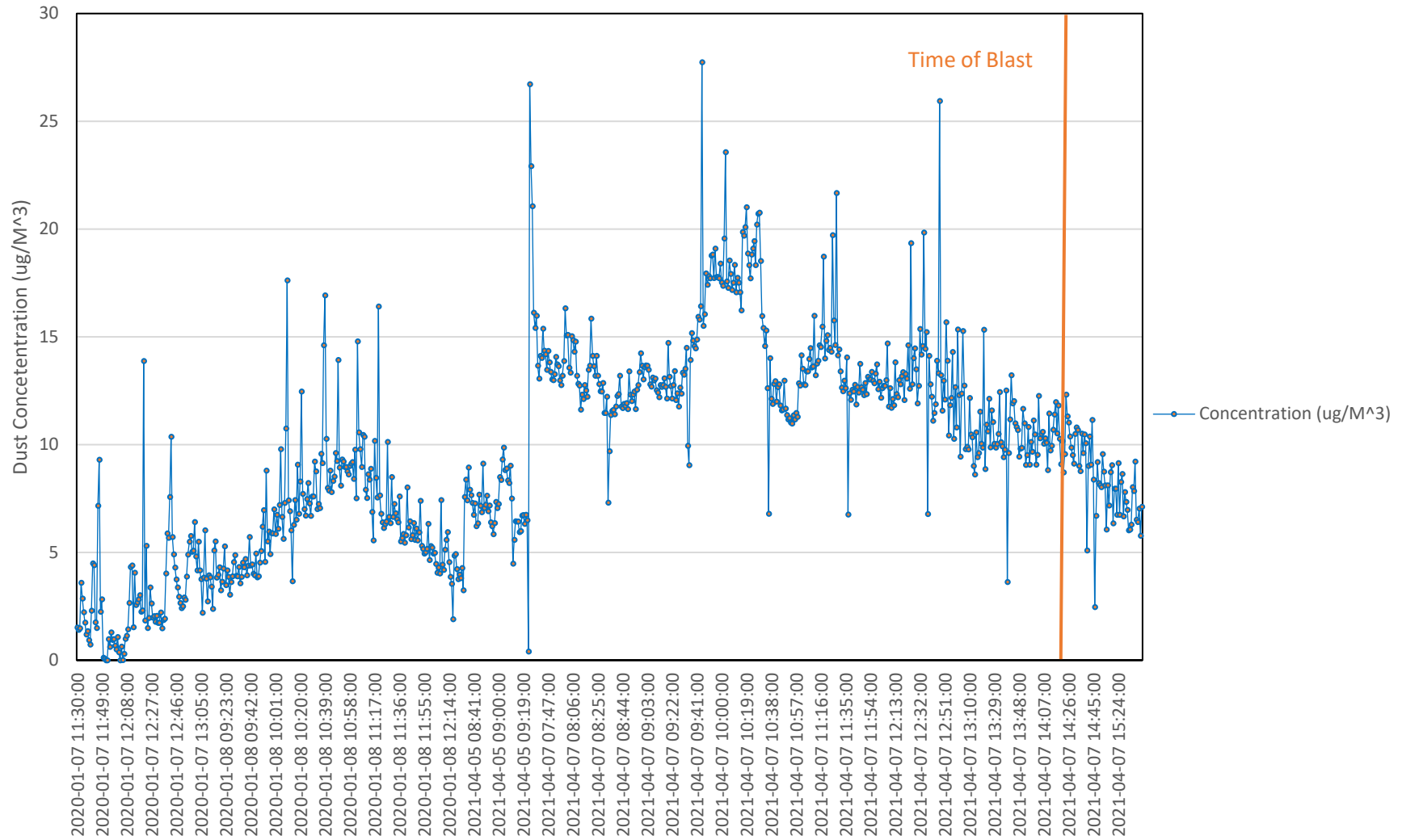
A handwritten signature in black ink, appearing to read "Cathy Sereno", is written over a horizontal line.

Cathy Sereno, Mayor



INTEGRATED
GEOTECHNICAL
SOLUTIONS, INC.

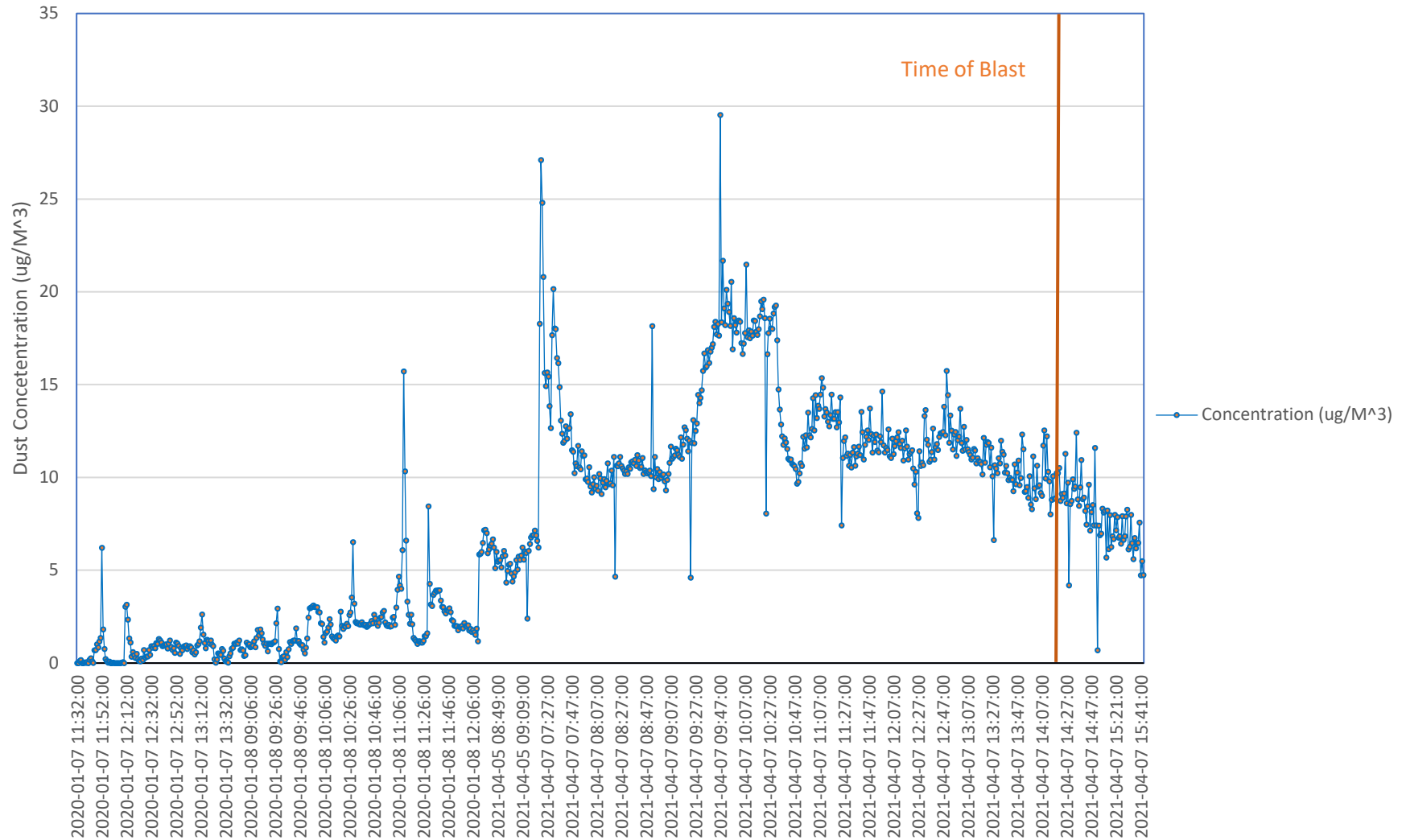
Spicewood Crushed Stone North Dust Monitor Blast: April 7, 2021 2:16 pm Concentration (ug/M³)





INTEGRATED
GEOTECHNICAL
SOLUTIONS, INC.

Spicewood Crushed Stone
South Dust Monitor
Blast: April 7, 2021 2:16 pm
Concentration (ug/M³)







Client: Spicewood Crushed Stone	Date: 4/07/2021	
Project: Double Horn, Tx Quarry	Technician: Joe Crownover / Cody Fletcher	
Location: Double Horn, Texas	Dept Office: 7:00 am	Arrive Site: 7:15 am
Blast GPS: 30°29'44.6", -98°12'34.0"	Dept Site: 3:15 pm	Arrive Office: 6:15 pm

Seismograph Monitoring Parameters

Record Mode: Waveform	Trigger Level: 0.03 in/sec	Trigger Source: Geo / Mic	Record Time: 5 Seconds
------------------------------	-----------------------------------	----------------------------------	-------------------------------

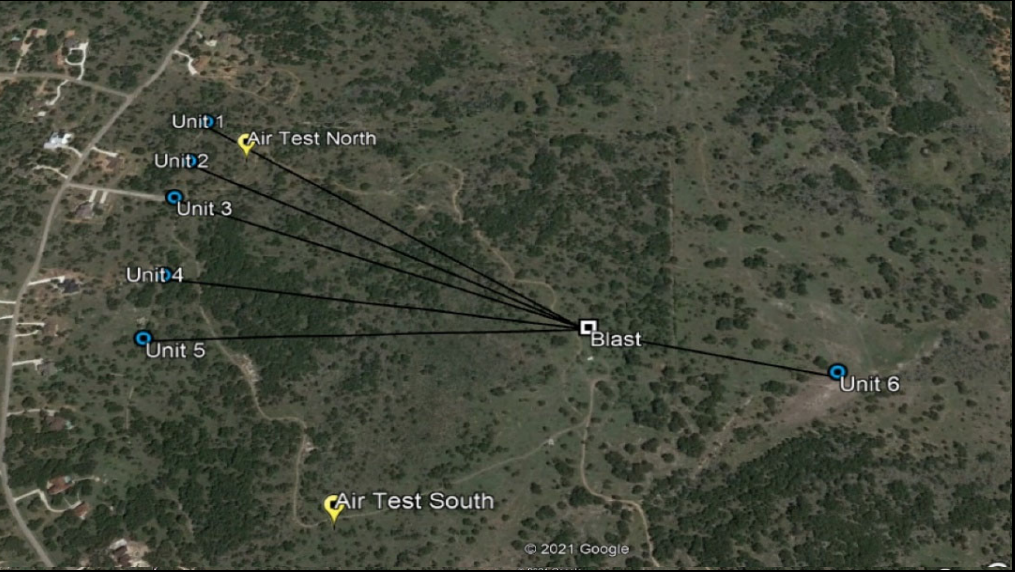
Notes: Partly Cloudy skies, 85 deg. Wind S 7 mph. Josh Cates blaster-in-charge. Blast time 2:16 PM.

Vibration Event Results

Location ID: Unit 1	PPV: .063 in/sec	Location ID: Unit 4	PPV: .0469 in/sec
Seismo S/N: UM7087 Cal: 08/14/20	Freq: 44.5 Hz	Seismo S/N: UM7372 Cal: 03/26/21	Freq: 97.5 Hz
GPS: 30°29'56.62", 98°12'56.27"	AO: 105.2 dBL	GPS: 30°29'43.19", 98°12'56.77"	AO: 108.2 dBL
Dist to Blast: 2,298 ft.	Freq: 9.1 Hz	Dist to Blast: 1,984 ft.	Freq: 8.2 Hz

Location ID: Unit 2	PPV: .049 in/sec
Seismo S/N: UM6668 Cal: 08/17/2020	Freq: 100 Hz
GPS: 30°29'53.95", 98°12'56.70"	AO: 106.6 dBL
Dist to Blast: 2,202 ft.	Freq: 9.3 Hz

Location ID: Unit 3	PPV: .0770 in/sec
Seismo S/N: UM13412 Cal: 03/17/21	Freq: 100 Hz
GPS: 30°29'51.58", 98°12'57.02"	AO: 105.0dBL
Dist to Blast: 2,137 ft.	Freq: 8.1 Hz





Client: Spicewood Crushed Stone

Date: 4/07/2021

Project: Double Horn, Tx Quarry

Technician: Joe Crownover / Cody Fletcher

Location: Double Horn, Texas

Dept Office: 7:00 am

Arrive Site: 7:15 am

Blast GPS: 30°29'44.6", -98°12'34.0"

Dept Site: 3:15 pm

Arrive Office: 6:15 pm

Seismograph Monitoring Parameters

Record Mode:	Waveform	Trigger Level:	0.03 in/sec	Trigger Source:	Geo / Mic	Record Time:	5 Seconds
---------------------	----------	-----------------------	-------------	------------------------	-----------	---------------------	-----------

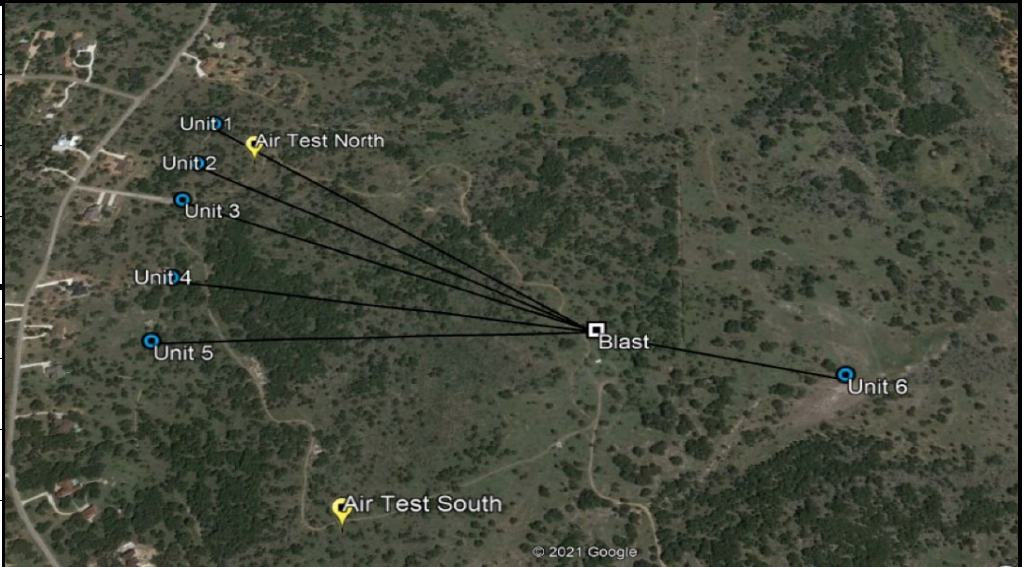
Notes: Partly Cloudy skies, 85 deg. Wind S 7 mph. Josh Cates blaster-in-charge. Blast time 2:16 PM.

Vibration Event Results

Location ID:	Unit 5	PPV:	.069 in/sec	Location ID:		PPV:	in/sec
Seismo S/N:	UM6476 Cal: 09/21/20	Freq:	78.8 Hz	Seismo S/N:		Freq:	Hz
GPS:	30°29'43.19", -98°12'56.77"	AO:	108.2 dBL	GPS:		AO:	dBL
Dist to Blast:	2,010 ft.	Freq:	8.6 Hz	Dist to Blast:		Freq:	Hz

Location ID:	Unit 6	PPV:	.098 in/sec
Seismo S/N:	UM8046 Cal: 03/19/21	Freq:	97.5 Hz
GPS:	30°29'42.54", -98°12'21.10"	AO:	119.8 dBL
Dist to Blast:	1,147 ft.	Freq:	19.5 Hz

Location ID:		PPV:	in/sec
Seismo S/N:		Freq:	Hz
GPS:		AO:	dBL
Dist to Blast:		Freq:	Hz



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

Vert at April 7, 2021 14:16:19
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 5.mmb
 Operator

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

UM6476
 Micromate ISEE 10.90
 3.8 volts
 September 21, 2020 by Instantel
 UM6476_20210407141619.IDFW
 Disabled

Notes

Location Spicewood Double Horn - Unit 5
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

Extended Note N30.49553, W-98.21577

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
0.0689 in/s	0.0580 in/s	0.0614 in/s
78.8 Hz	>100 Hz	93.1 Hz
0.160 sec	0.076 sec	0.179 sec
0.092 g	0.148 g	0.125 g
0.001 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.7 Hz	7.5 Hz	7.5 Hz
3.0	3.6	3.4

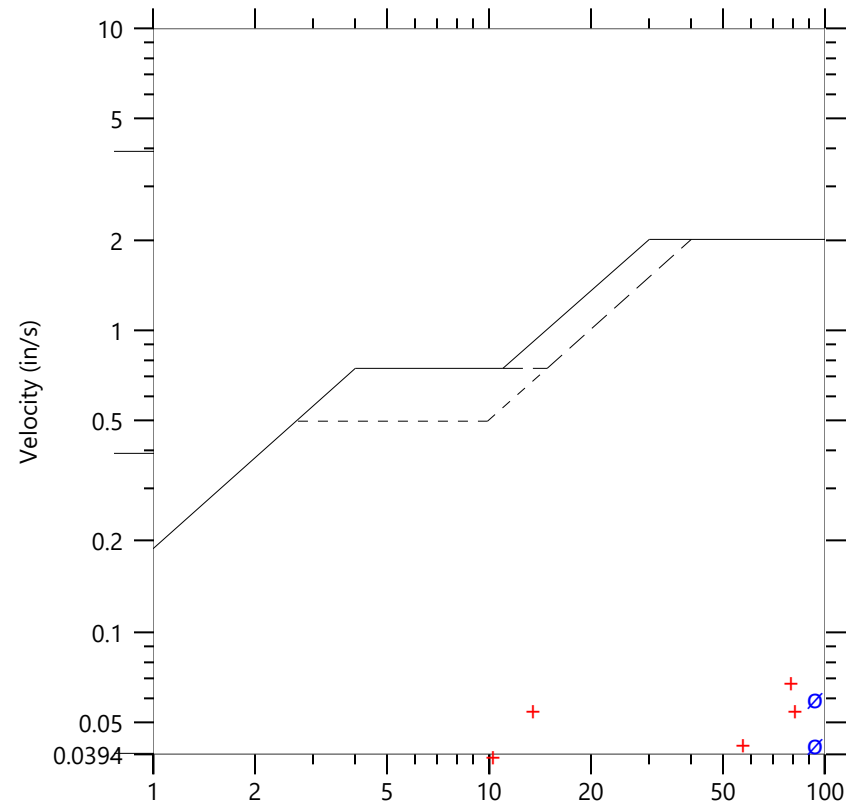
Peak Vector Sum 0.0760 in/s at 0.160 sec

ISEE Linear Microphone

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

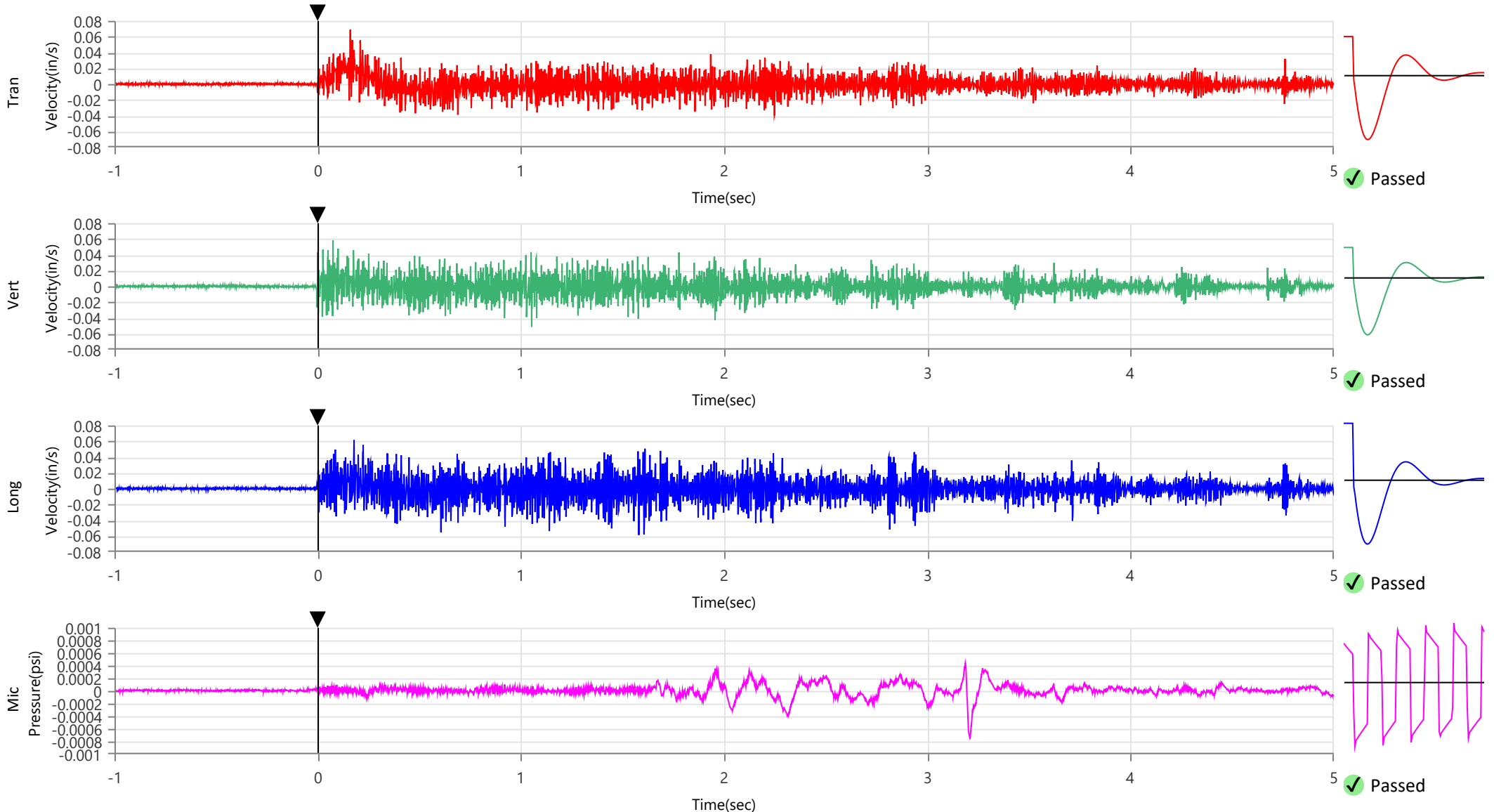
0.000749 psi
 108.2 dB(L)
 3.211 sec
 8.6 Hz
 ✓ Passed
 19.7 Hz
 1268 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert o Long

Sensor Check



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

Vert at April 7, 2021 14:16:19
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 5.mmb
 Operator

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

UM6476
 Micromate ISEE 10.90
 3.8 volts
 September 21, 2020 by Instantel
 UM6476_20210407141619.IDFW
 Disabled

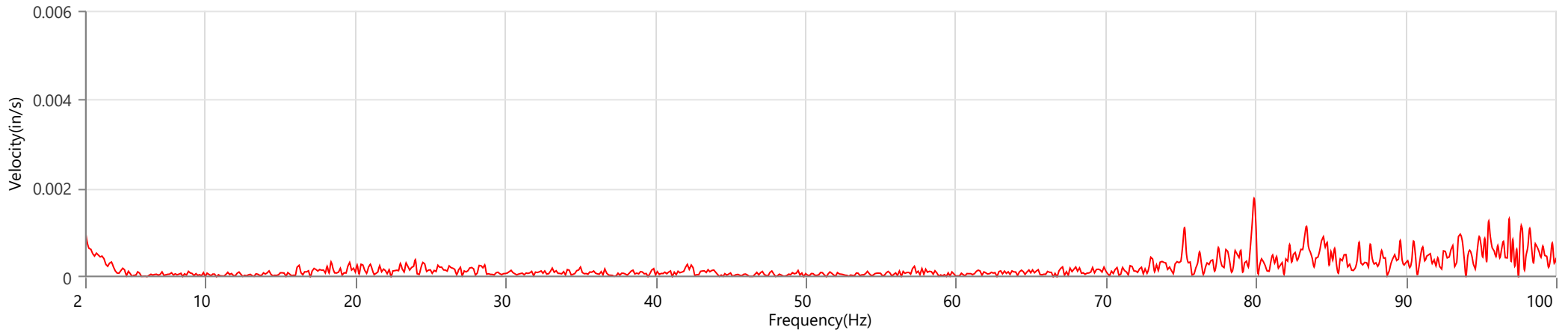
Notes

Location Spicewood Double Horn - Unit 5
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

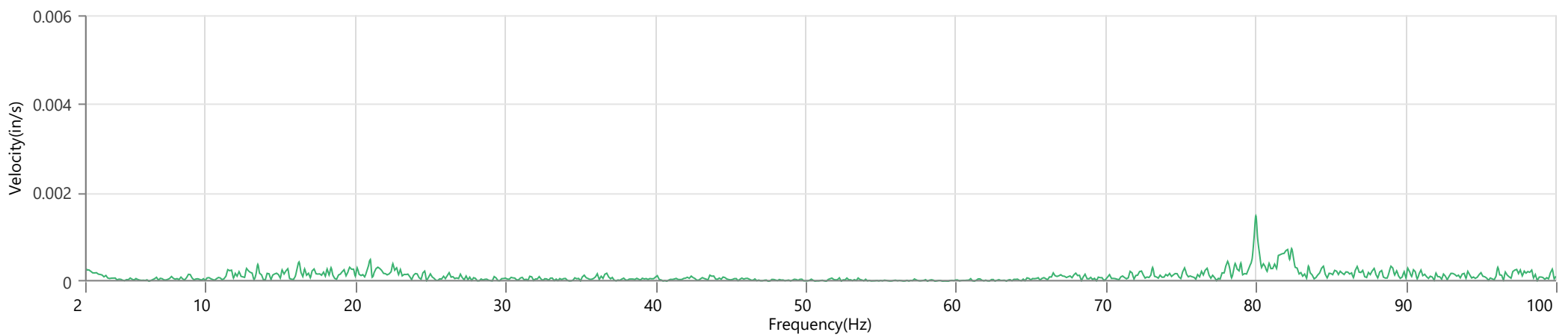
Extended Note N30.49553, W-98.21577

Post Event Notes No text to be displayed.

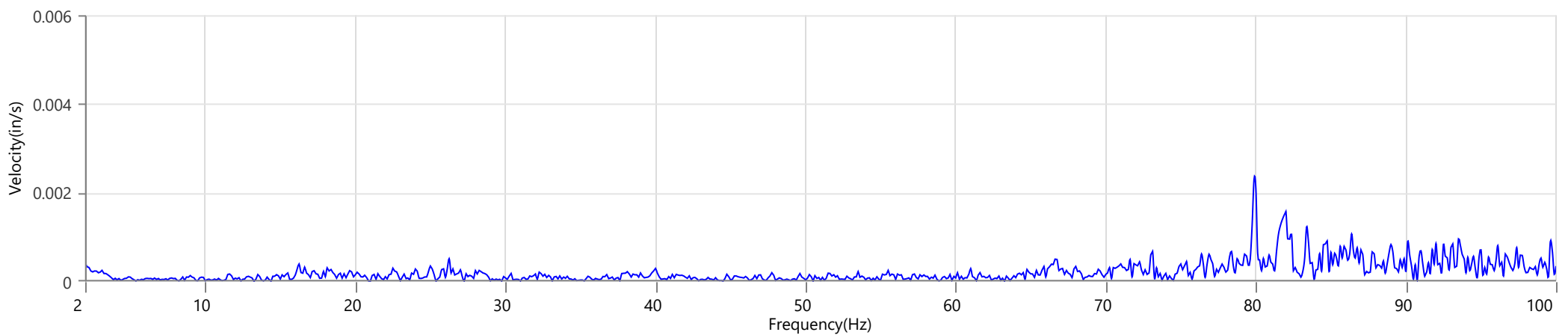
Tran - Dominant Frequency 79.9 Hz, Amplitude 0.0018 in/s (Peak Particle Velocity: 0.0689 in/s)



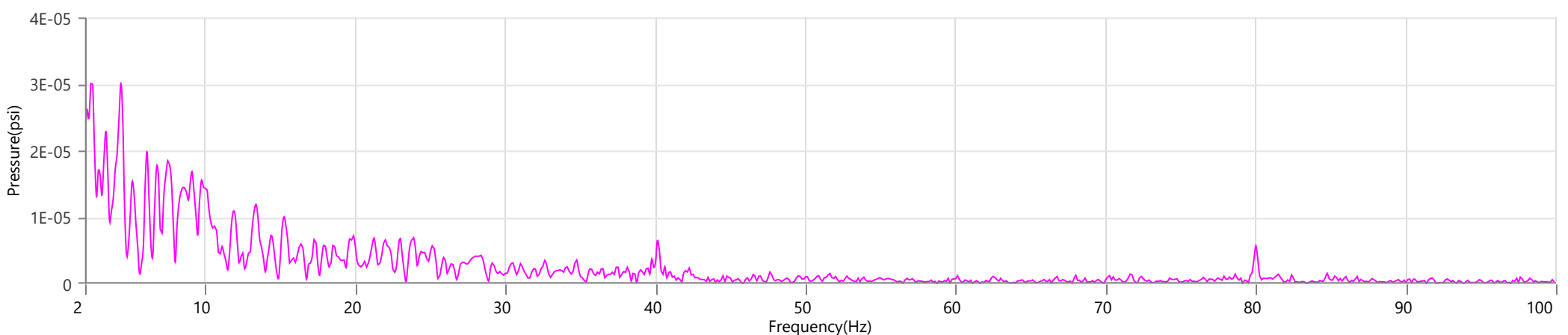
Vert - Dominant Frequency 80.0 Hz, Amplitude 0.0015 in/s (Peak Particle Velocity: 0.0580 in/s)



Long - Dominant Frequency 79.9 Hz, Amplitude 0.0023 in/s (Peak Particle Velocity: 0.0614 in/s)



Mic - Dominant Frequency 2.4 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000749 psi)



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

Long at April 7, 2021 14:16:18
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 2.mmb
 Operator

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

UM6668
 Micromate ISEE 10.89
 3.8 volts
 August 17, 2020 by Instantel
 UM6668_20210407141618.IDFW
 Disabled

Notes

Location Spicewood Double Horn - Unit 2
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

Extended Note N30.49832, W-98.21574

Post Event Notes No text to be displayed.

Geophone

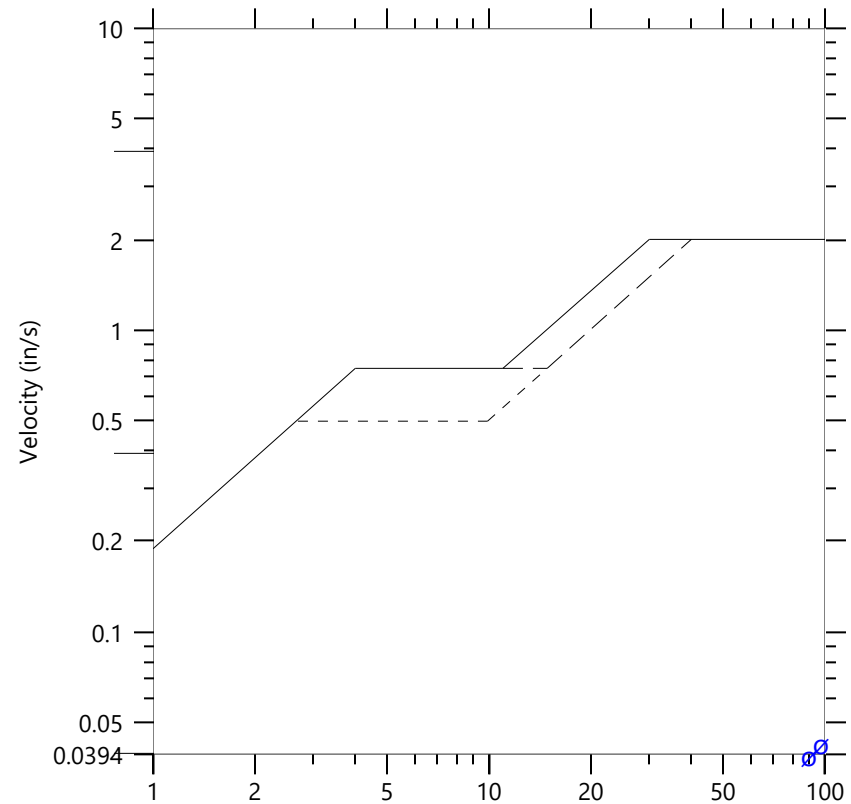
	Tran	Vert	Long
Peak Particle Velocity	0.0487 in/s	0.0388 in/s	0.0462 in/s
Zero Crossing Frequency	>100 Hz	37.2 Hz	>100 Hz
Time (Relative to Trigger)	0.019 sec	0.026 sec	0.301 sec
Peak Acceleration	0.115 g	0.066 g	0.102 g
Peak Displacement	0.000 in	0.000 in	0.000 in
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.5 Hz	7.3 Hz
Overswing Ratio	3.2	3.4	4.5

Peak Vector Sum 0.0567 in/s at 0.027 sec

ISEE Linear Microphone

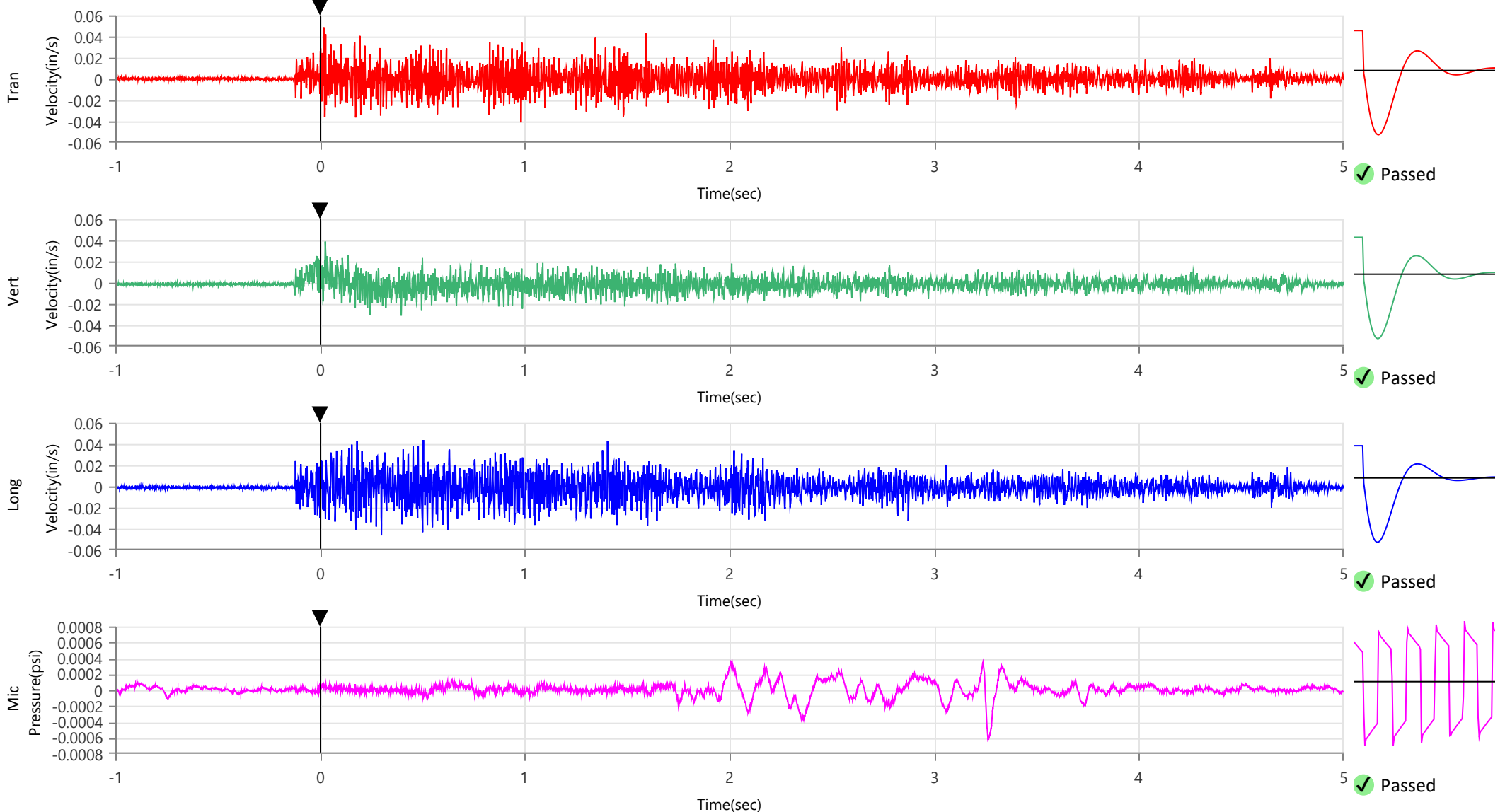
Peak Sound Pressure Level 0.000623 psi
 Peak Sound Pressure Level 106.6 dB(L)
 Time (Relative to Trigger) 3.263 sec
 Zero Crossing Frequency 9.3 Hz
 Sensor Check ✓ Passed
 Frequency 19.7 Hz
 Test Amplitude 1249 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



Sensor Check

+ Tran x Vert o Long



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

Long at April 7, 2021 14:16:18
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 2.mmb
 Operator

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

UM6668
 Micromate ISEE 10.89
 3.8 volts
 August 17, 2020 by Instantel
 UM6668_20210407141618.IDFW
 Disabled

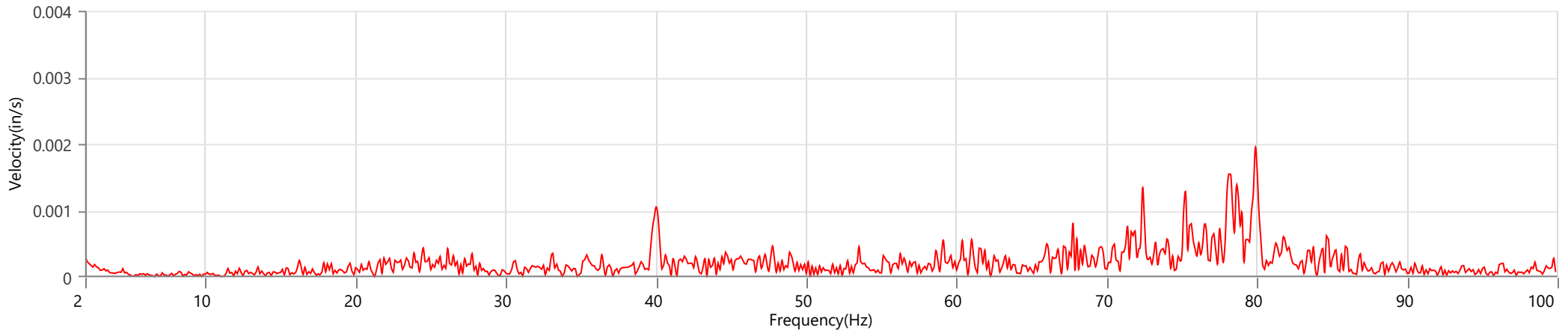
Notes

Location Spicewood Double Horn - Unit 2
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

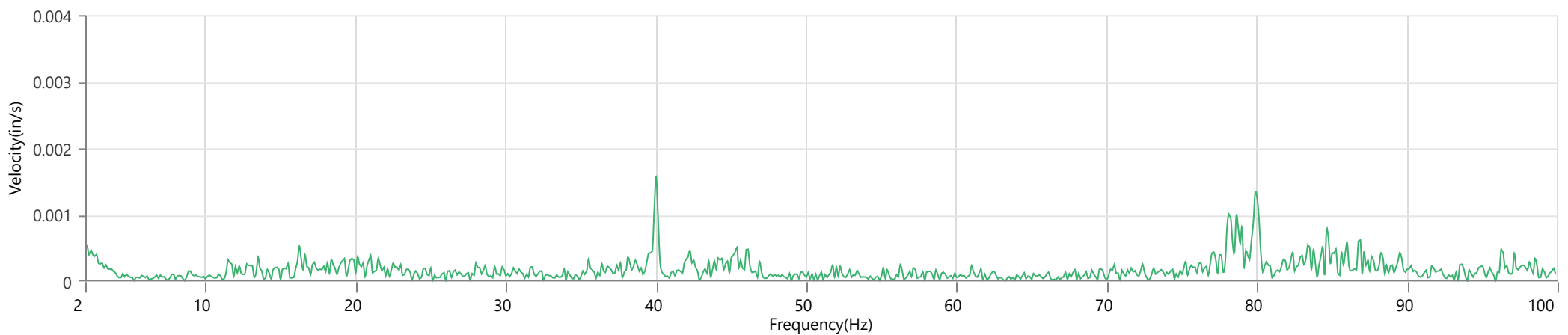
Extended Note N30.49832, W-98.21574

Post Event Notes No text to be displayed.

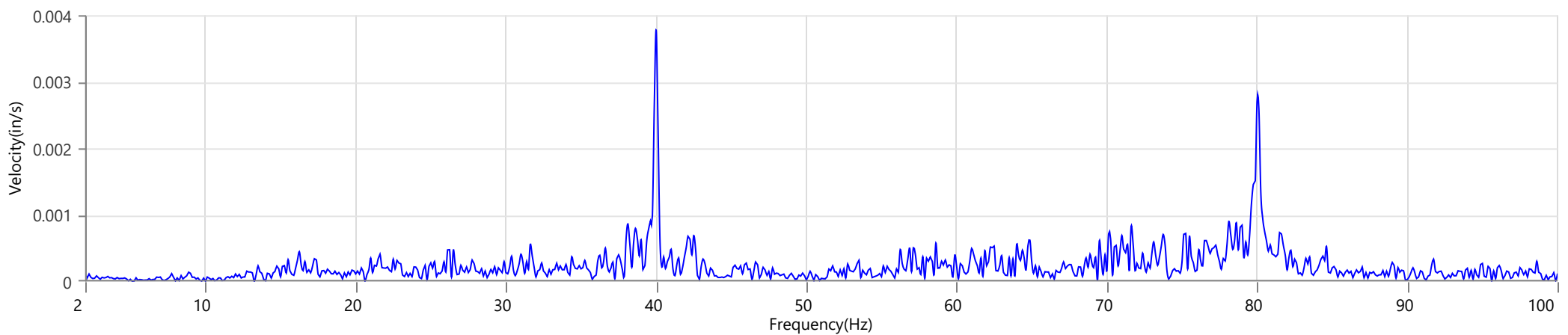
Tran - Dominant Frequency 79.9 Hz, Amplitude 0.0019 in/s (Peak Particle Velocity: 0.0487 in/s)



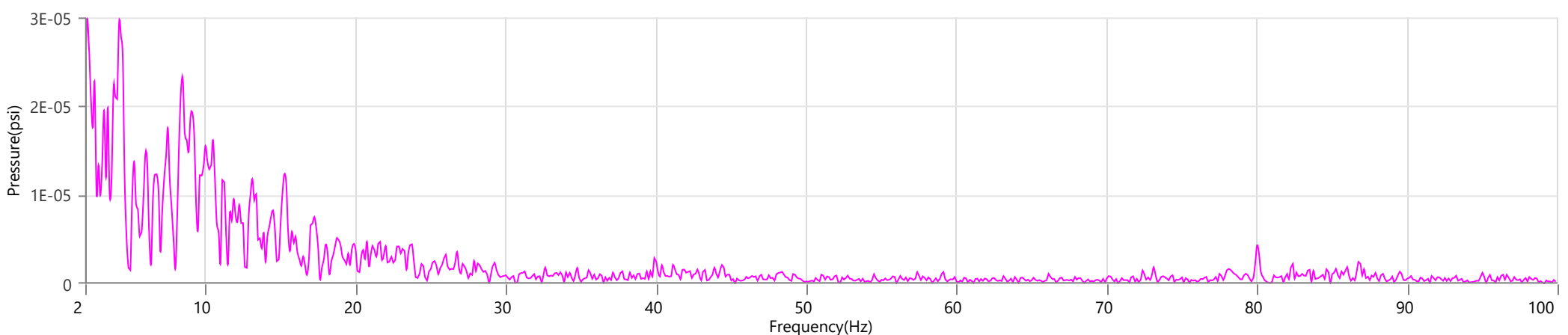
Vert - Dominant Frequency 40.0 Hz, Amplitude 0.0016 in/s (Peak Particle Velocity: 0.0388 in/s)



Long - Dominant Frequency 40.0 Hz, Amplitude 0.0038 in/s (Peak Particle Velocity: 0.0462 in/s)



Mic - Dominant Frequency 2.1 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000623 psi)



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

Long at April 7, 2021 14:16:19
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 1.mmb
 Operator

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

UM7087
 Micromate ISEE 10.89
 3.8 volts
 August 14, 2020 by Instantel
 UM7087_20210407141619.IDFW
 Disabled

Notes

Location: Spicewood Double Horn - Unit 1
 Client: Spicewood Crushed Stone
 Company: Double Horn, Texas
 General Notes: IGS, Inc

Extended Note N30.49908, W-98.21566

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
0.0496 in/s	0.0630 in/s	0.0478 in/s
>100 Hz	44.5 Hz	55.4 Hz
0.673 sec	0.067 sec	0.118 sec
0.109 g	0.076 g	0.109 g
0.000 in	0.000 in	0.002 in
✓ Passed	✓ Passed	✓ Passed
7.1 Hz	7.3 Hz	7.7 Hz
3.5	3.6	3.0

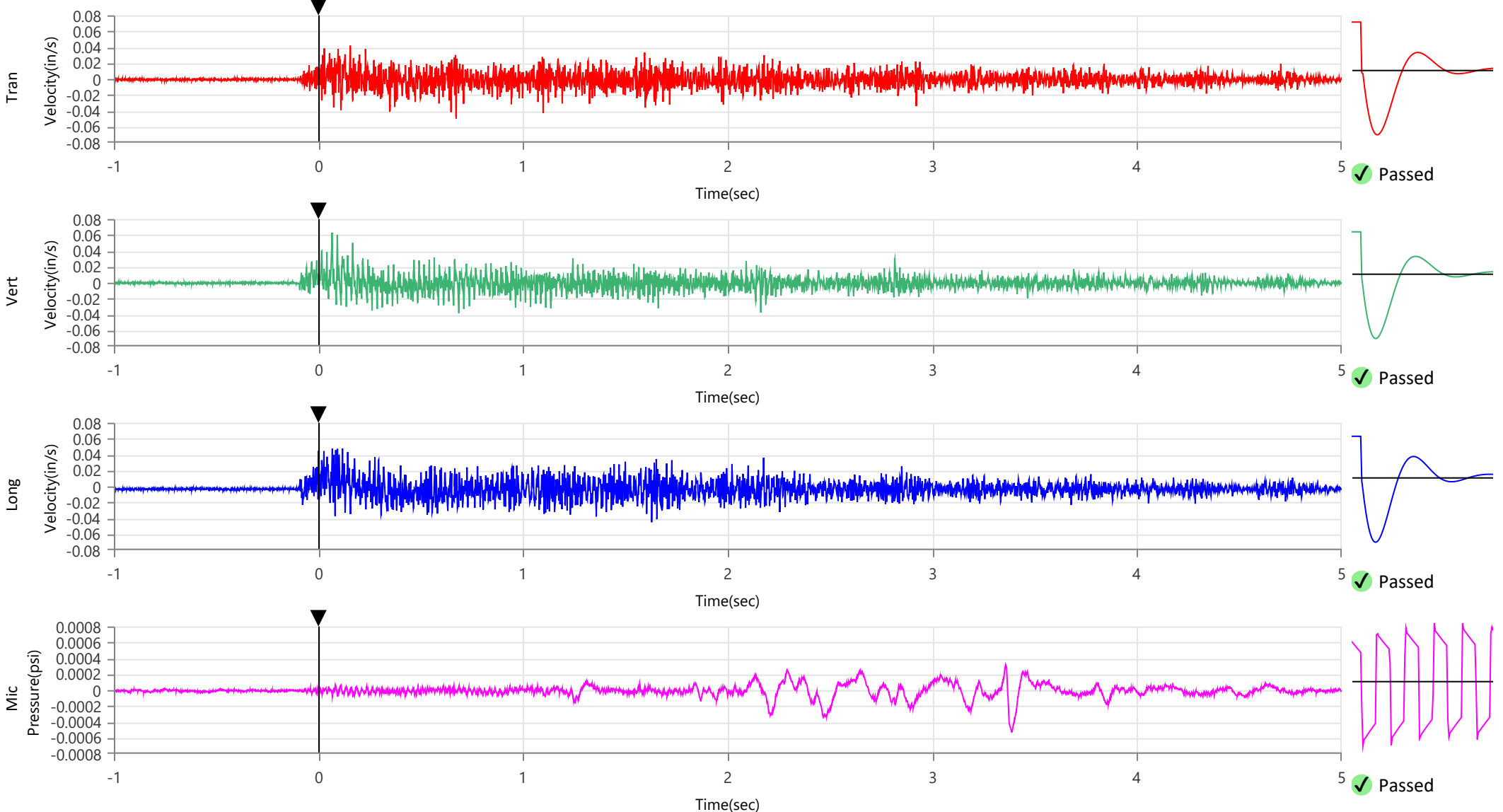
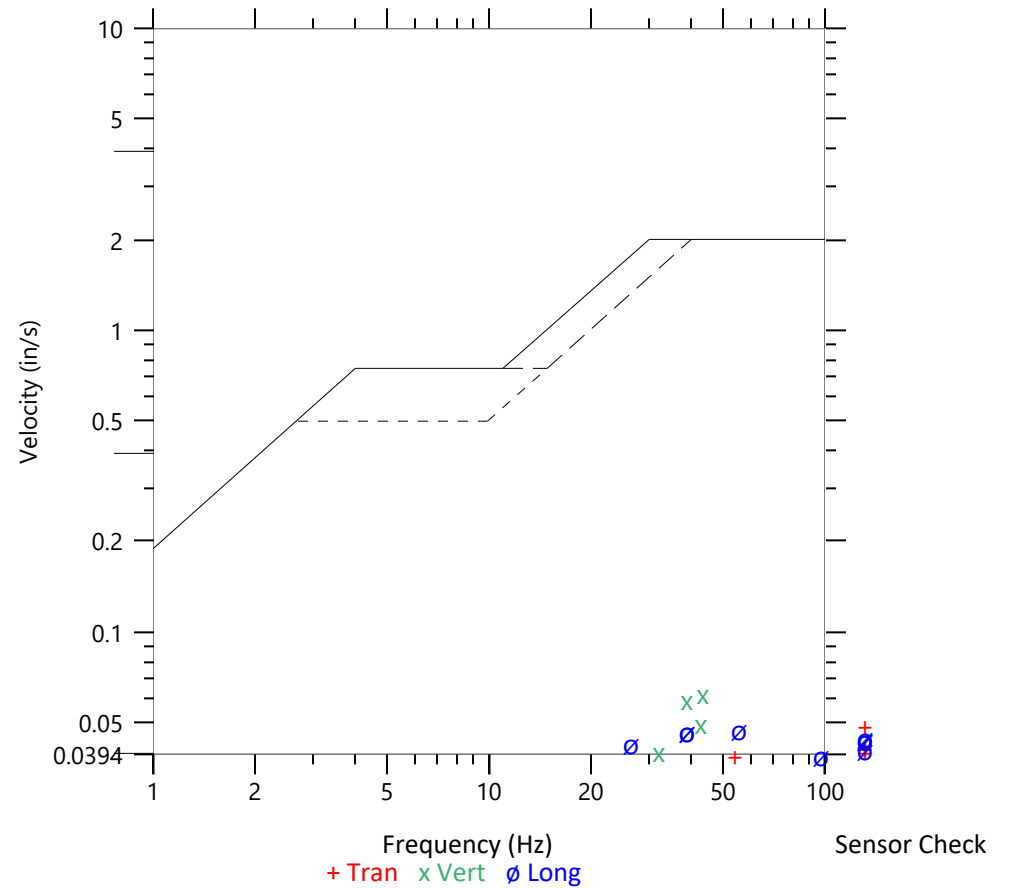
Peak Vector Sum: 0.0767 in/s at 0.067 sec

ISEE Linear Microphone

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

0.000527 psi
 105.2 dB(L)
 3.387 sec
 9.1 Hz
 ✓ Passed
 19.7 Hz
 1262 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Long at April 7, 2021 14:16:19
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 1.mmb
 Operator

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

UM7087
 Micromate ISEE 10.89
 3.8 volts
 August 14, 2020 by Instantel
 UM7087_20210407141619.IDFW
 Disabled

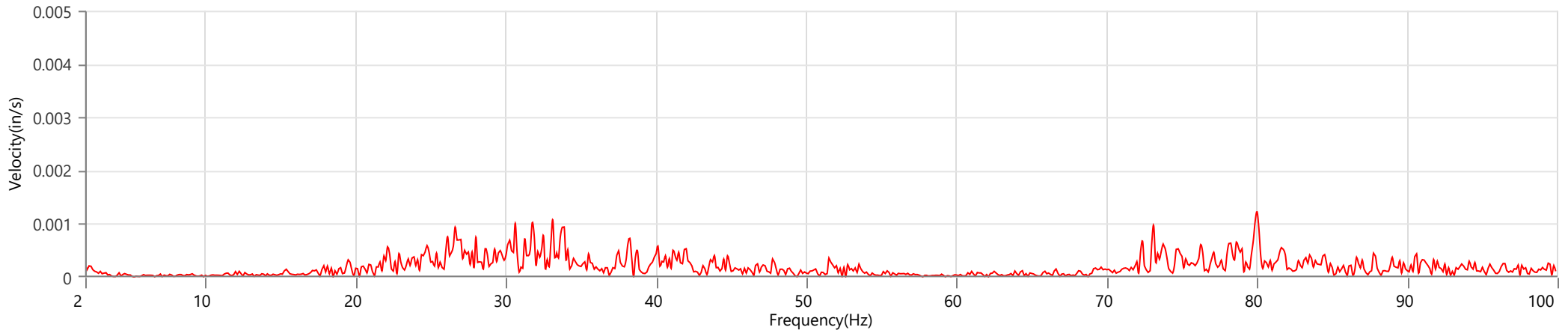
Notes

Location Spicewood Double Horn - Unit 1
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

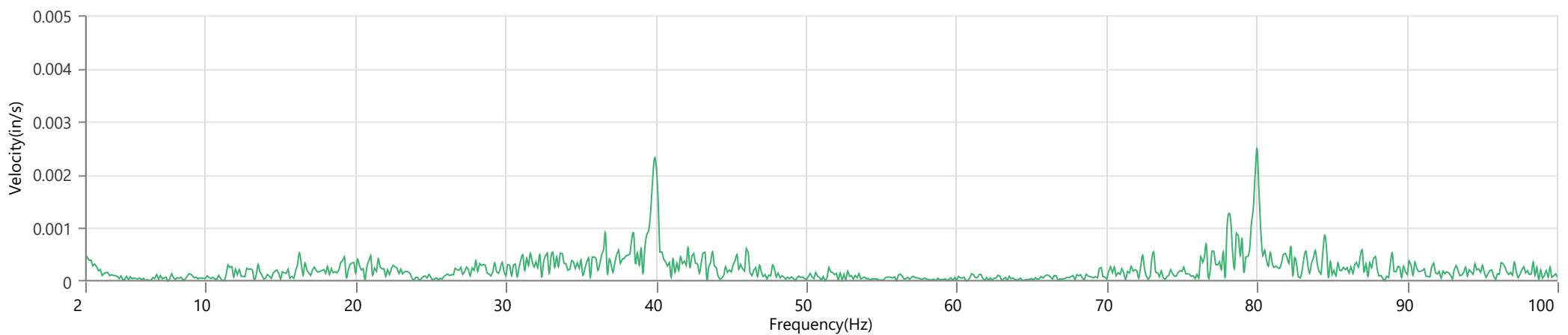
Extended Note N30.49908, W-98.21566

Post Event Notes No text to be displayed.

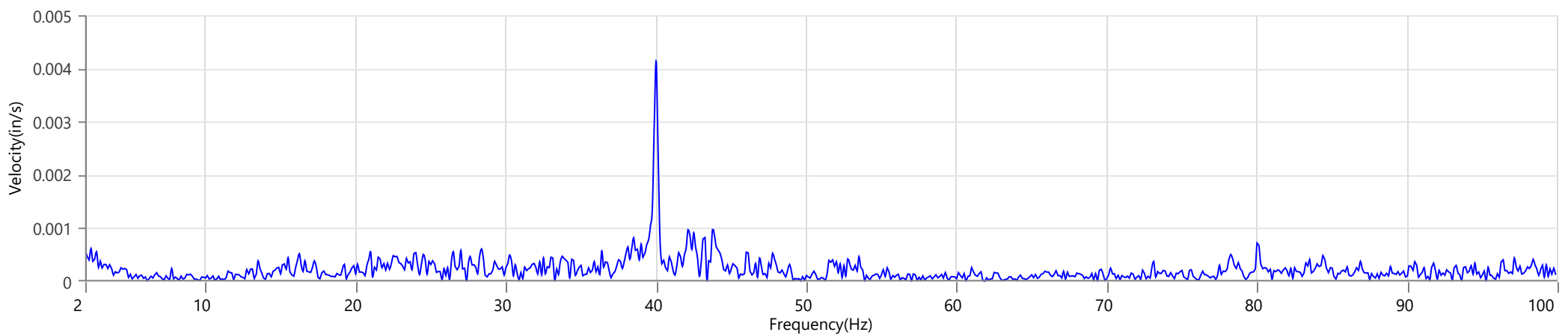
Tran - Dominant Frequency 80.0 Hz, Amplitude 0.0012 in/s (Peak Particle Velocity: 0.0496 in/s)



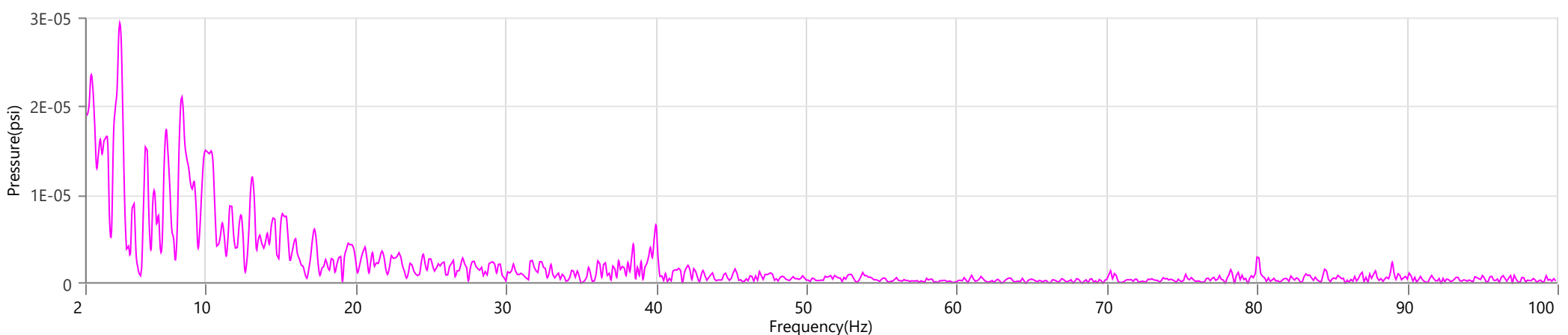
Vert - Dominant Frequency 80.0 Hz, Amplitude 0.0025 in/s (Peak Particle Velocity: 0.0630 in/s)



Long - Dominant Frequency 40.0 Hz, Amplitude 0.0041 in/s (Peak Particle Velocity: 0.0478 in/s)



Mic - Dominant Frequency 4.2 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000527 psi)



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

Vert at April 7, 2021 14:16:19
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 4.mmb
 Operator

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

UM7372
 Micromate ISEE 10.90
 3.8 volts
 March 26, 2021 by Instantel
 UM7372_20210407141619.IDFW
 Disabled

Notes

Location Spicewood Double Horn - Unit 4
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

Extended Note N30.49633, W-98.21570

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
0.0450 in/s	0.0419 in/s	0.0469 in/s
>100 Hz	>100 Hz	97.5 Hz
0.497 sec	0.168 sec	0.281 sec
0.118 g	0.079 g	0.079 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.5 Hz	7.3 Hz
3.9	3.7	3.9

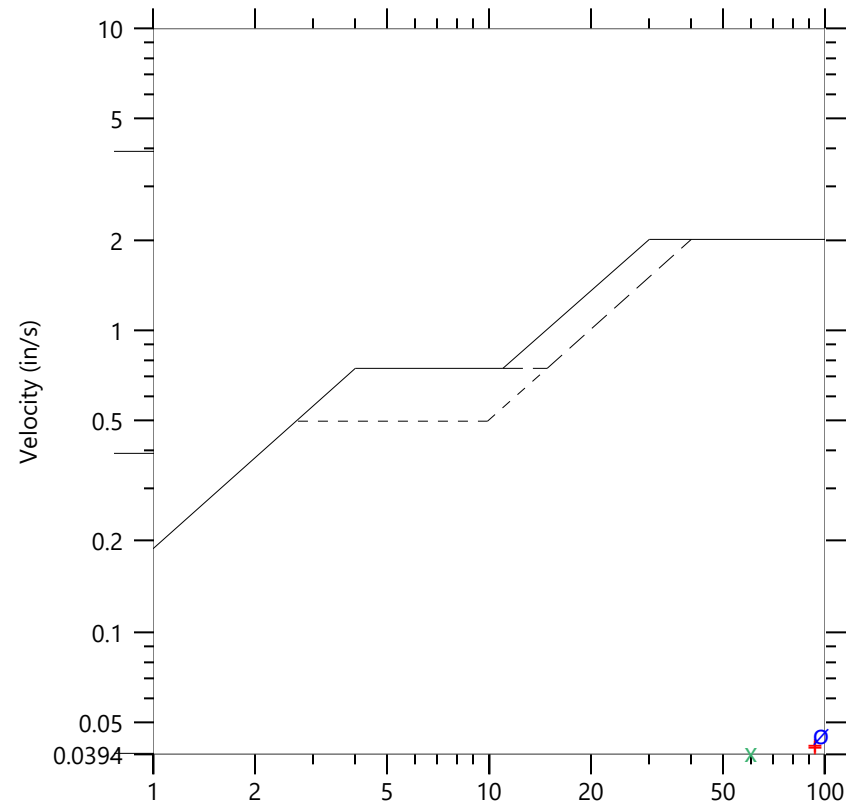
Peak Vector Sum 0.0596 in/s at 0.168 sec

ISEE Linear Microphone

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

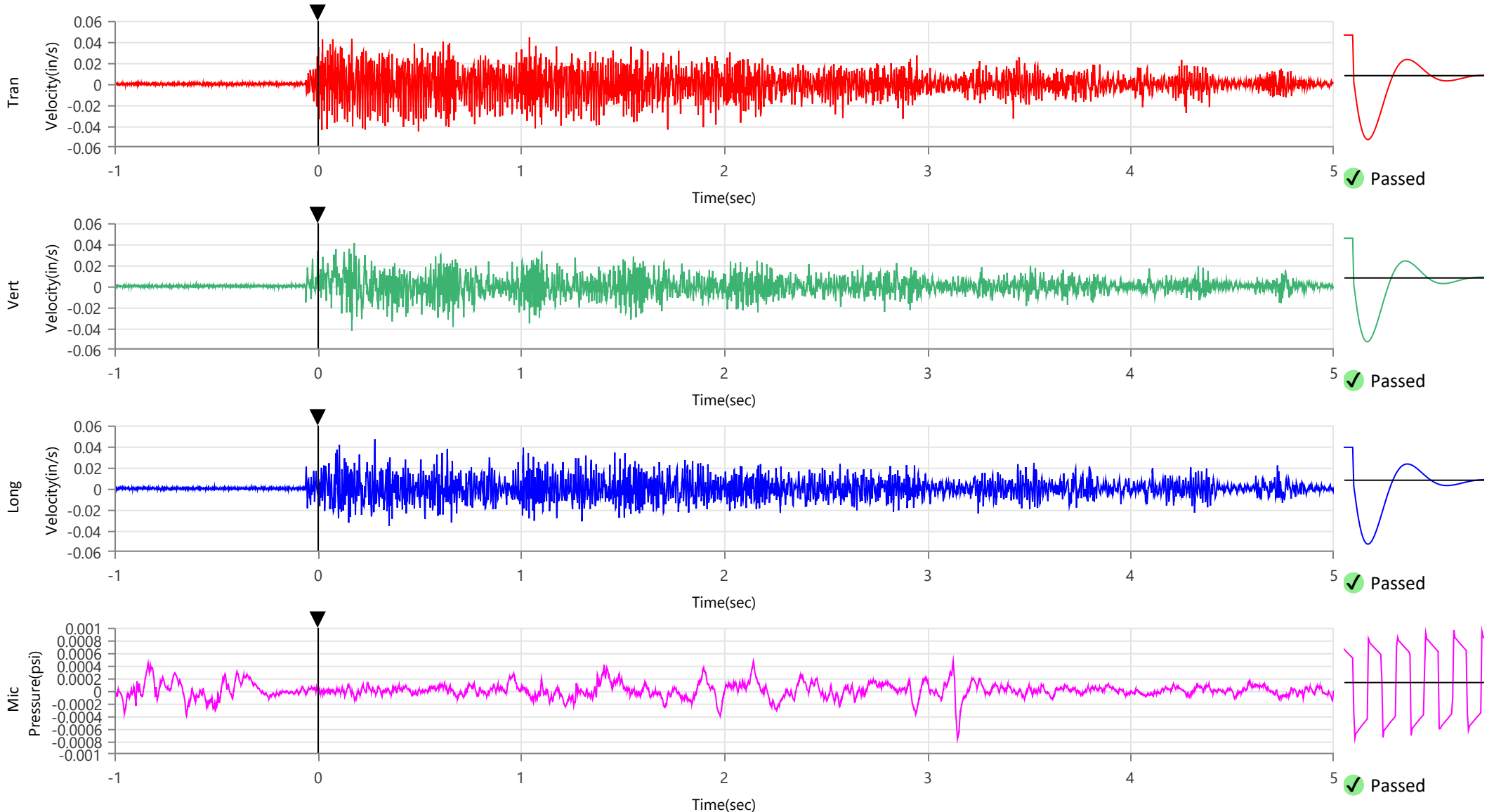
0.000747 psi
 108.2 dB(L)
 3.148 sec
 8.2 Hz
 ✓ Passed
 19.7 Hz
 1276 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



Sensor Check

+ Tran x Vert o Long



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

Vert at April 7, 2021 14:16:19
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 4.mmb
 Operator

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

UM7372
 Micromate ISEE 10.90
 3.8 volts
 March 26, 2021 by Instantel
 UM7372_20210407141619.IDFW
 Disabled

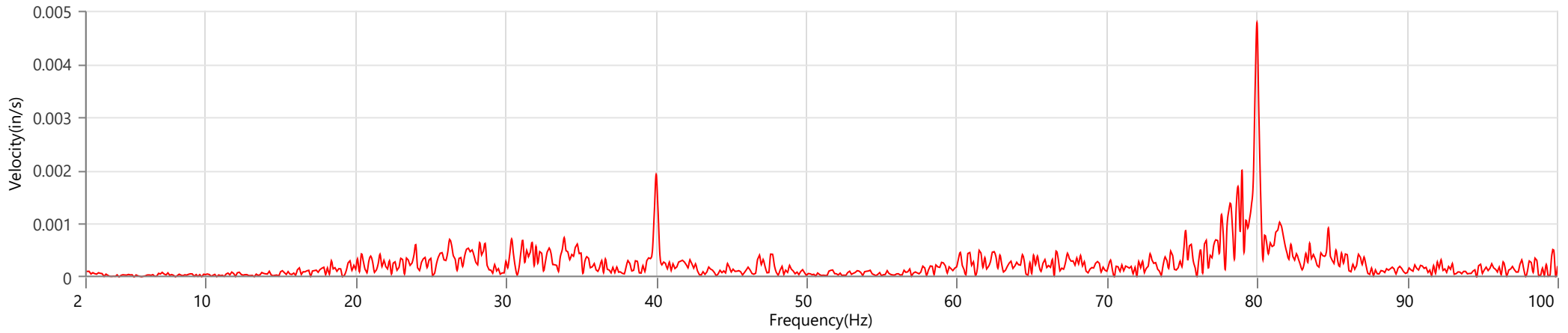
Notes

Location Spicewood Double Horn - Unit 4
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

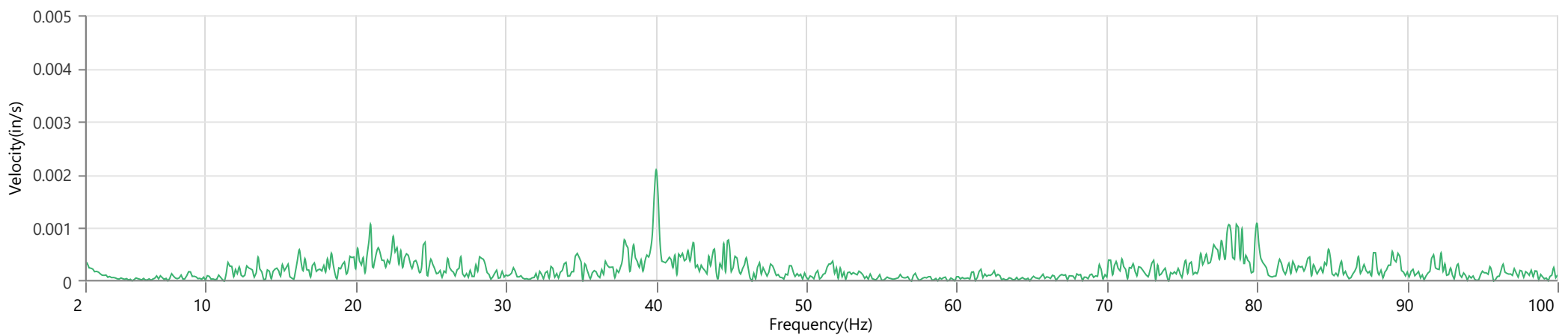
Extended Note N30.49633, W-98.21570

Post Event Notes No text to be displayed.

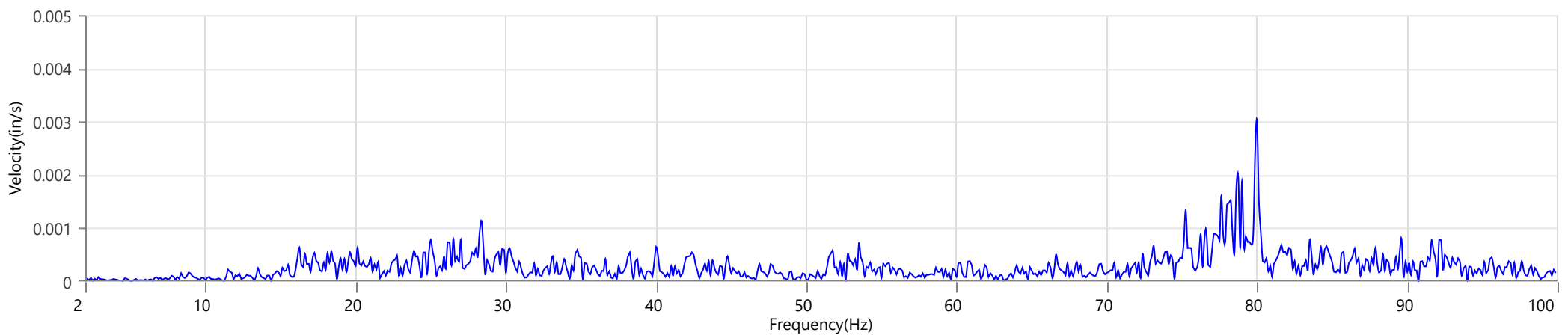
Tran - Dominant Frequency 80.0 Hz, Amplitude 0.0048 in/s (Peak Particle Velocity: 0.0450 in/s)



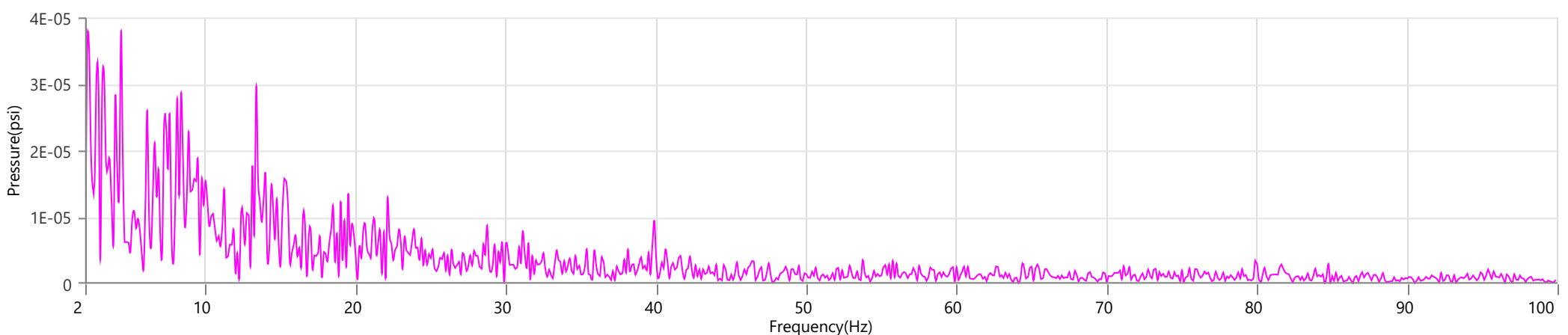
Vert - Dominant Frequency 40.0 Hz, Amplitude 0.0021 in/s (Peak Particle Velocity: 0.0419 in/s)



Long - Dominant Frequency 80.0 Hz, Amplitude 0.0030 in/s (Peak Particle Velocity: 0.0469 in/s)



Mic - Dominant Frequency 4.4 Hz, Amplitude 0.00004 psi (Peak Sound Pressure Level: 0.000747 psi)



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

Vert at April 7, 2021 14:16:18
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 6.mmb
 Operator

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

UM8046
 Micromate ISEE 10.90
 3.8 volts
 March 19, 2021 by Instantel
 UM8046_20210407141618.IDFW
 Disabled

Notes

Location: Spicewood Double Horn - Unit 6
 Client: Spicewood Crushed Stone
 Company: Double Horn, Texas
 General Notes: IGS, Inc

Extended Note N30.49515, W-98.20586

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
0.0841 in/s	0.0977 in/s	0.0872 in/s
>100 Hz	97.5 Hz	46.5 Hz
0.133 sec	0.231 sec	0.029 sec
0.168 g	0.194 g	0.145 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	6.9 Hz
4.2	4.1	4.5

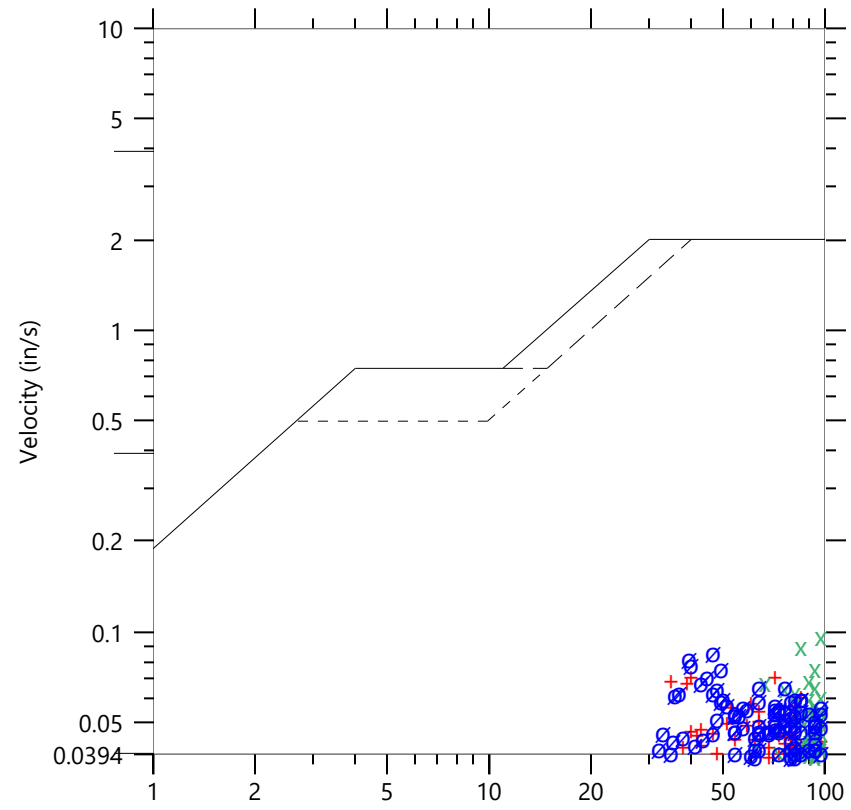
Peak Vector Sum: 0.1259 in/s at 0.185 sec

ISEE Linear Microphone

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

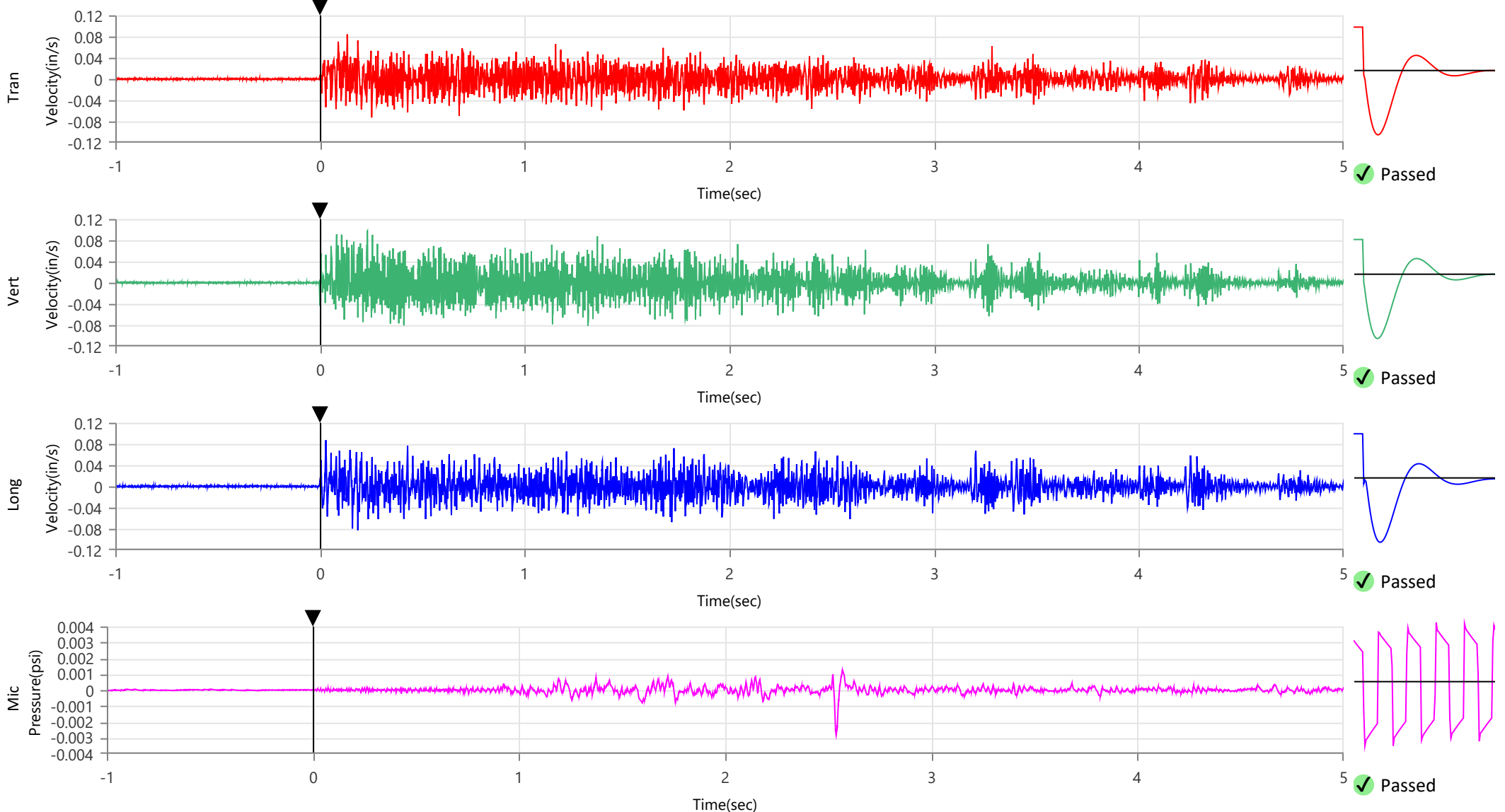
0.002824 psi
 119.8 dB(L)
 2.539 sec
 19.5 Hz
 ✓ Passed
 19.7 Hz
 1253 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



Frequency (Hz)
 + Tran x Vert o Long

Sensor Check



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

Vert at April 7, 2021 14:16:18
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 6.mmb
 Operator

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

UM8046
 Micromate ISEE 10.90
 3.8 volts
 March 19, 2021 by Instantel
 UM8046_20210407141618.IDFW
 Disabled

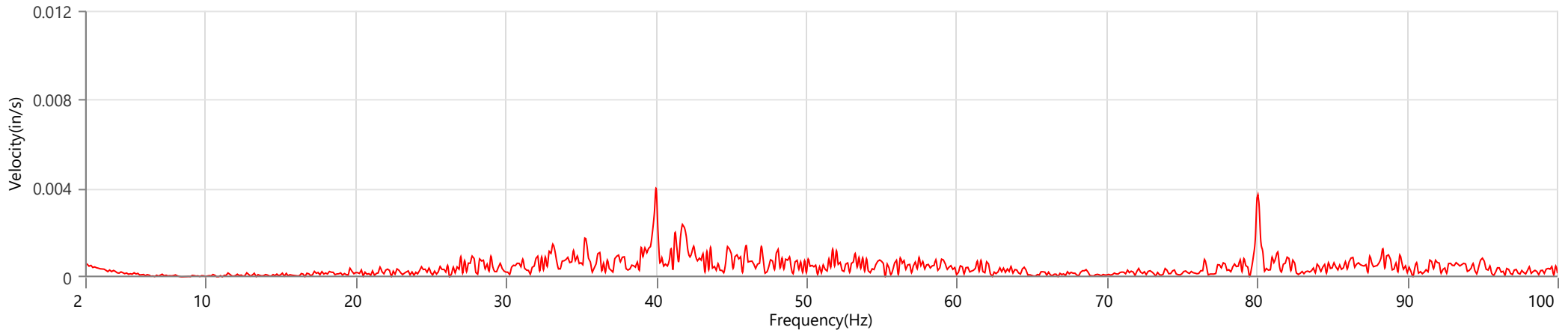
Notes

Location Spicewood Double Horn - Unit 6
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

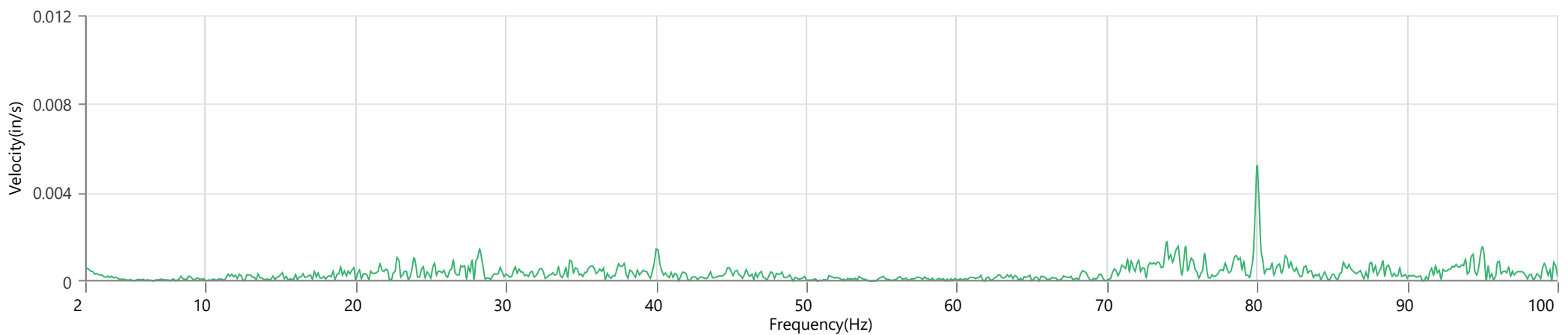
Extended Note N30.49515, W-98.20586

Post Event Notes No text to be displayed.

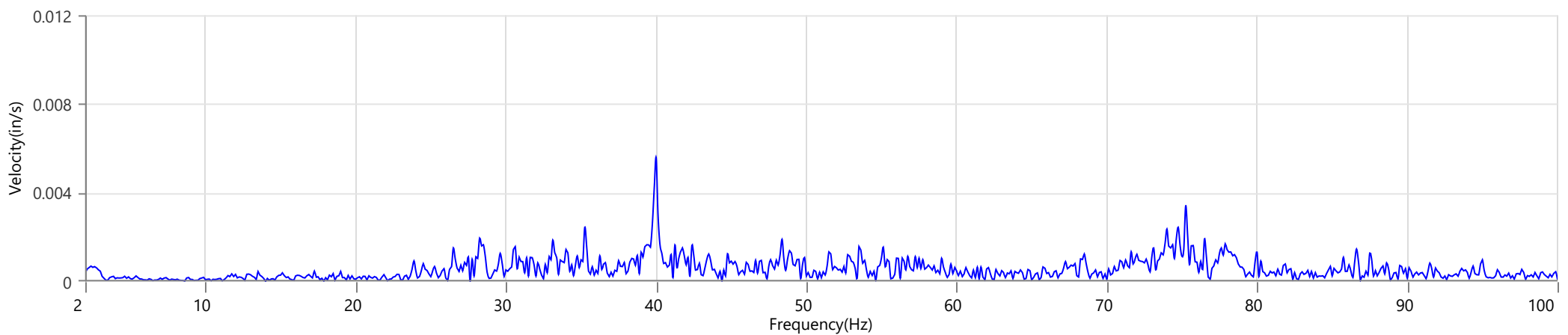
Tran - Dominant Frequency 40.0 Hz, Amplitude 0.0040 in/s (Peak Particle Velocity: 0.0841 in/s)



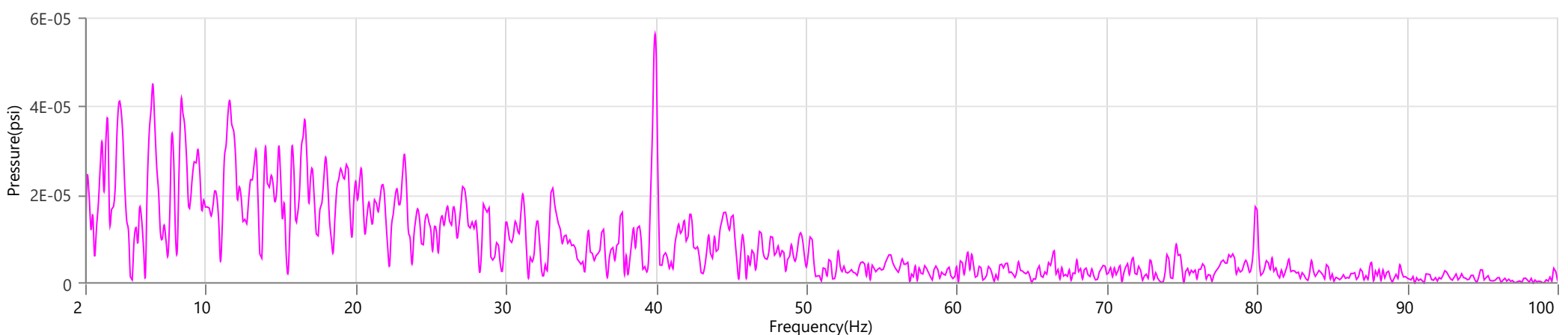
Vert - Dominant Frequency 80.0 Hz, Amplitude 0.0052 in/s (Peak Particle Velocity: 0.0977 in/s)



Long - Dominant Frequency 40.0 Hz, Amplitude 0.0056 in/s (Peak Particle Velocity: 0.0872 in/s)



Mic - Dominant Frequency 39.9 Hz, Amplitude 0.00005 psi (Peak Sound Pressure Level: 0.002824 psi)



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

Vert at April 7, 2021 14:16:18
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 3.mmb
 Operator

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

UM13412
 Micromate ISEE 10.90
 3.8 volts
 March 17, 2021 by Instantel
 UM13412_20210407141618.IDFW
 Disabled

Notes

Location Spicewood Double Horn - Unit 3
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

Extended Note N30.49766, W-98.21584

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
0.0335 in/s	0.0770 in/s	0.0465 in/s
75.9 Hz	>100 Hz	70.6 Hz
0.086 sec	0.167 sec	0.158 sec
0.069 g	0.171 g	0.066 g
0.000 in	0.000 in	0.000 in
✓ Passed	✓ Passed	✓ Passed
7.3 Hz	7.3 Hz	7.1 Hz
4.2	4.6	4.8

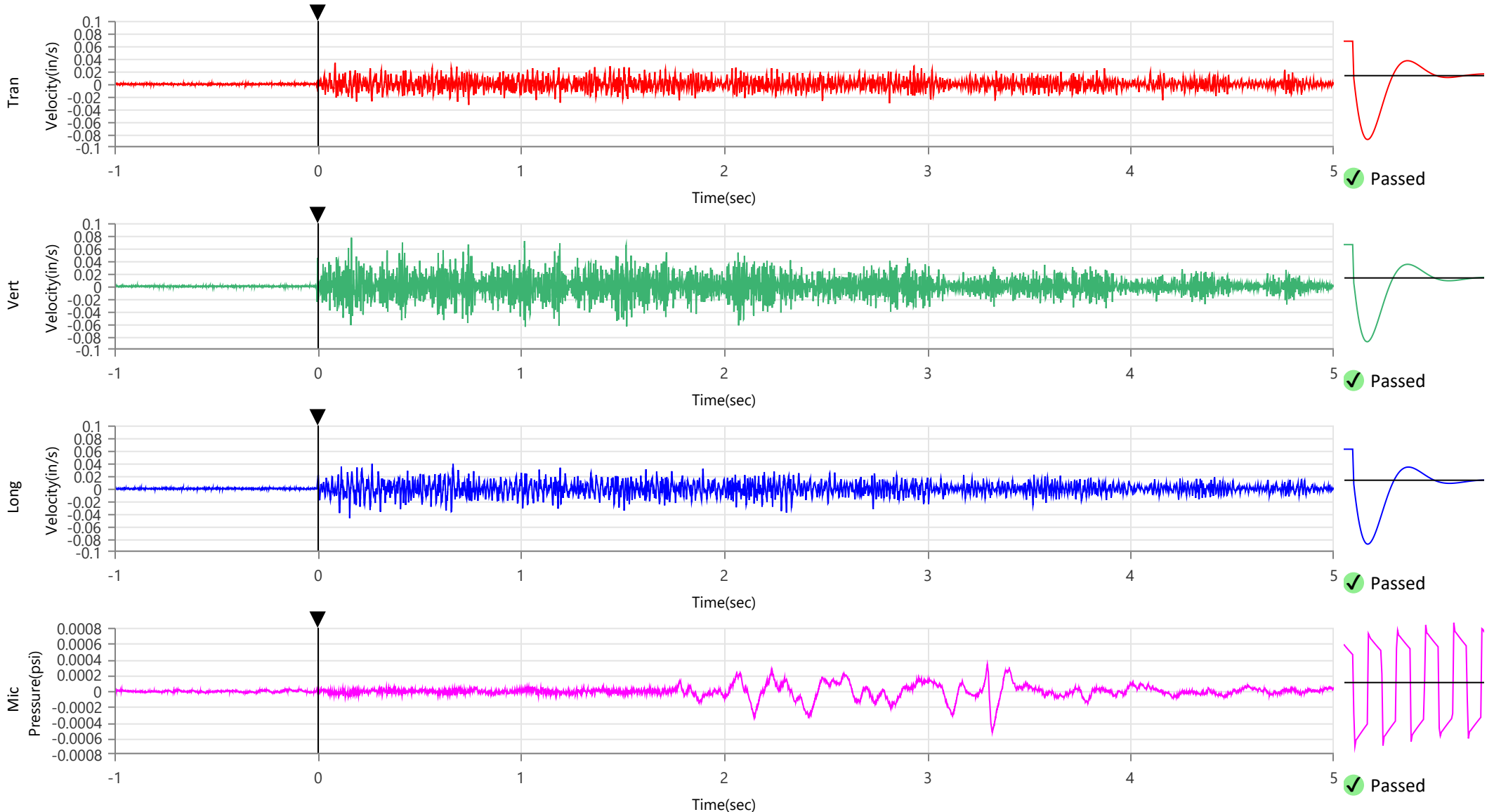
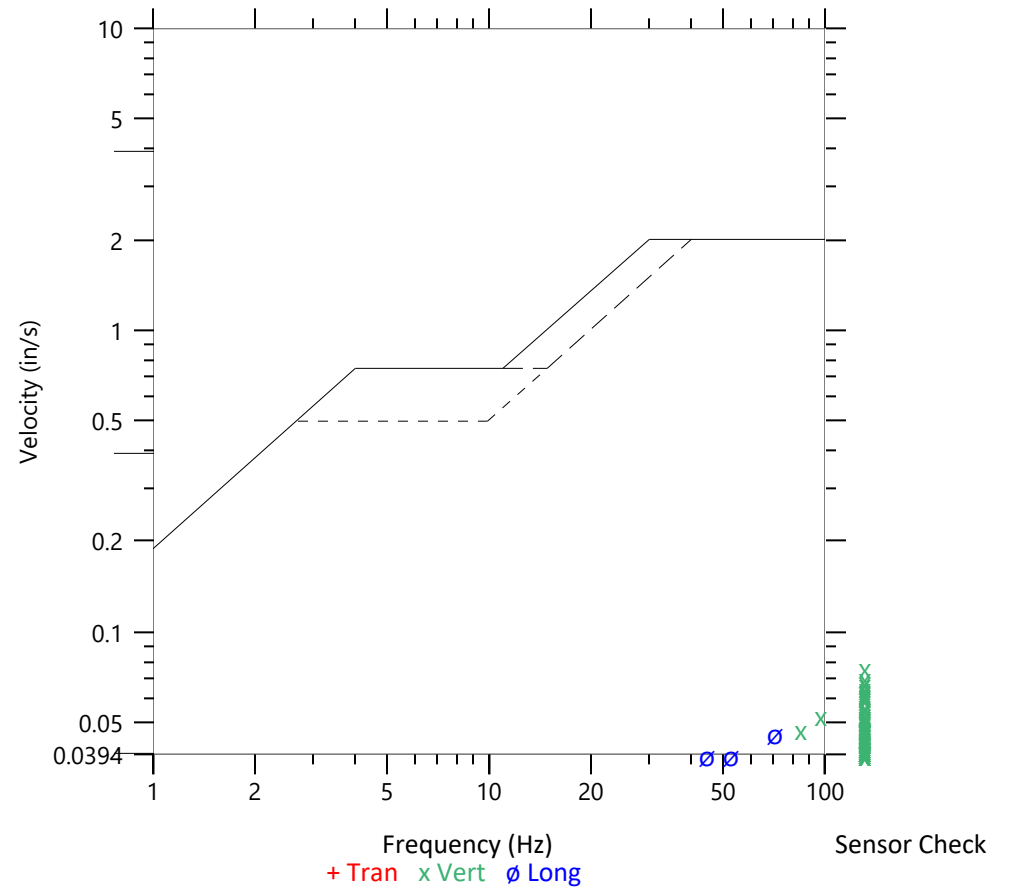
Peak Vector Sum 0.0795 in/s at 0.167 sec

ISEE Linear Microphone

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

0.000518 psi
 105.0 dB(L)
 3.319 sec
 8.1 Hz
 ✓ Passed
 19.7 Hz
 1209 mv

USBM R18507 And OSMRE
 Velocity versus Frequency (Zero Crossing)



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

Vert at April 7, 2021 14:16:18
 Geo 0.0300 in/s, Mic 0.01029 psi
 1.00 sec/5.0 sec (Fixed)
 4096 sps
 Spicewood Double Horn - Unit 3.mmb
 Operator

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

UM13412
 Micromate ISEE 10.90
 3.8 volts
 March 17, 2021 by Instantel
 UM13412_20210407141618.IDFW
 Disabled

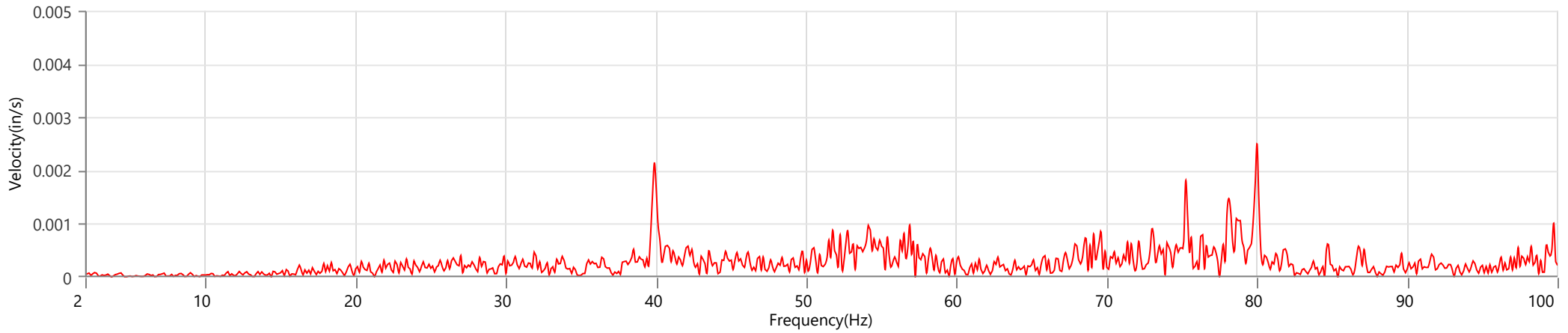
Notes

Location Spicewood Double Horn - Unit 3
 Client Spicewood Crushed Stone
 Company Double Horn, Texas
 General Notes IGS, Inc

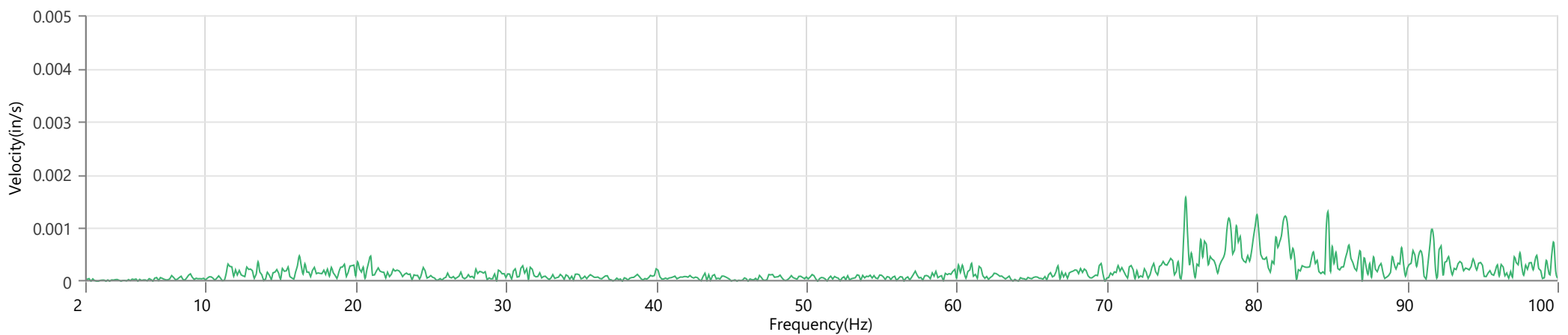
Extended Note N30.49766, W-98.21584

Post Event Notes No text to be displayed.

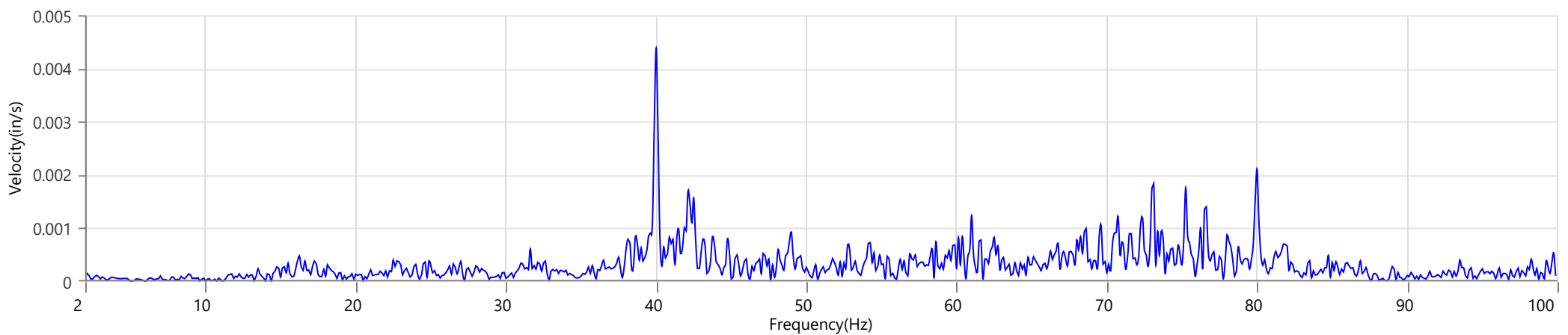
Tran - Dominant Frequency 80.0 Hz, Amplitude 0.0025 in/s (Peak Particle Velocity: 0.0335 in/s)



Vert - Dominant Frequency 75.2 Hz, Amplitude 0.0016 in/s (Peak Particle Velocity: 0.0770 in/s)



Long - Dominant Frequency 40.0 Hz, Amplitude 0.0044 in/s (Peak Particle Velocity: 0.0465 in/s)



Mic - Dominant Frequency 4.4 Hz, Amplitude 0.00003 psi (Peak Sound Pressure Level: 0.000518 psi)

