



QualiTest® Diagnostics

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www.gohispeed.com

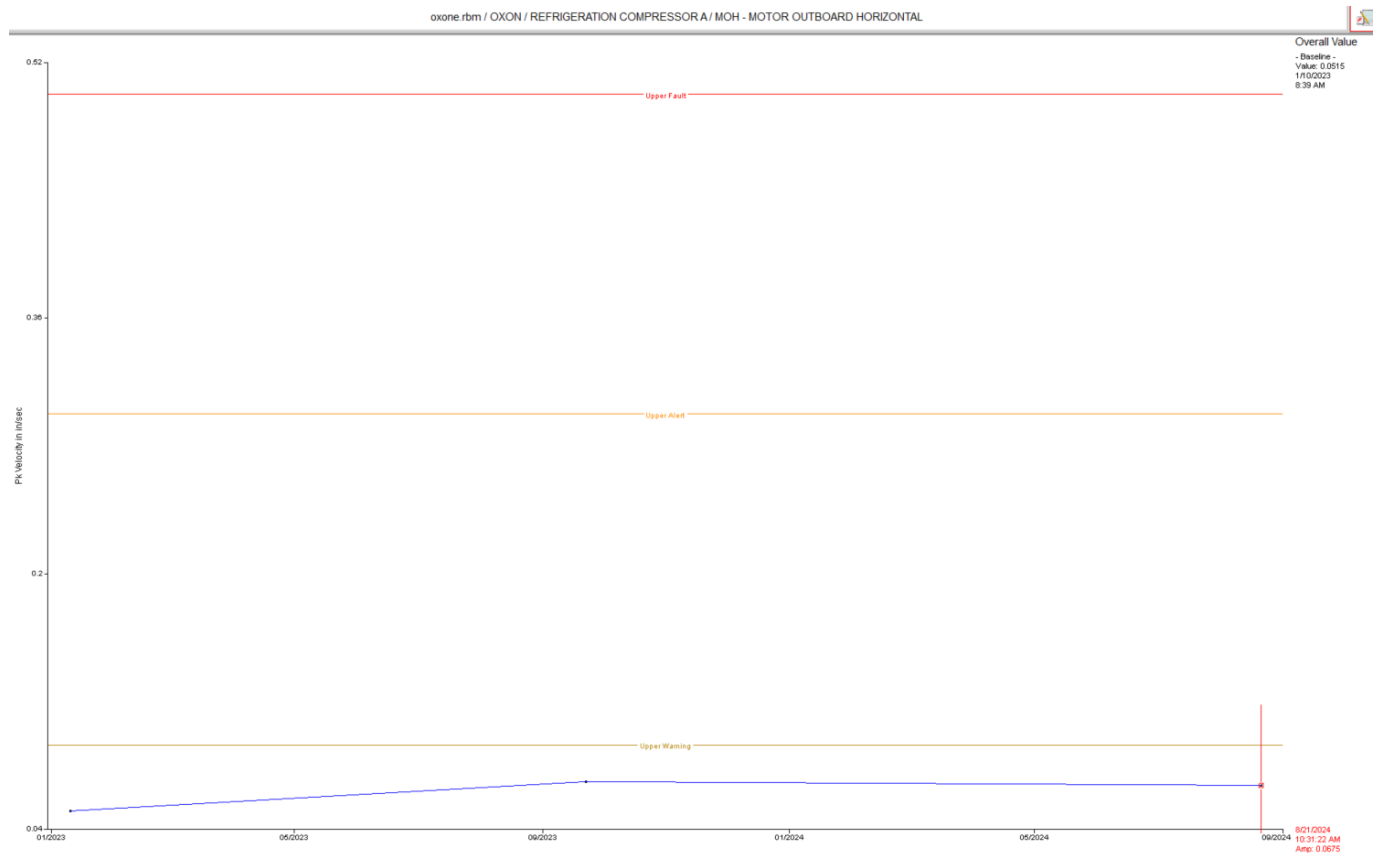
February 3, 2025

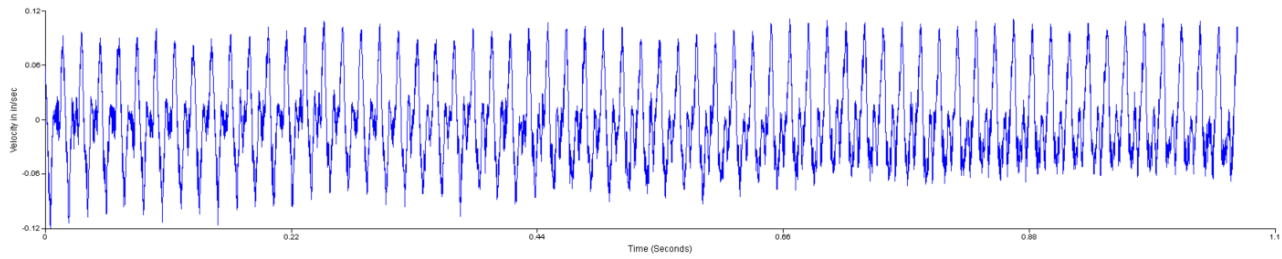
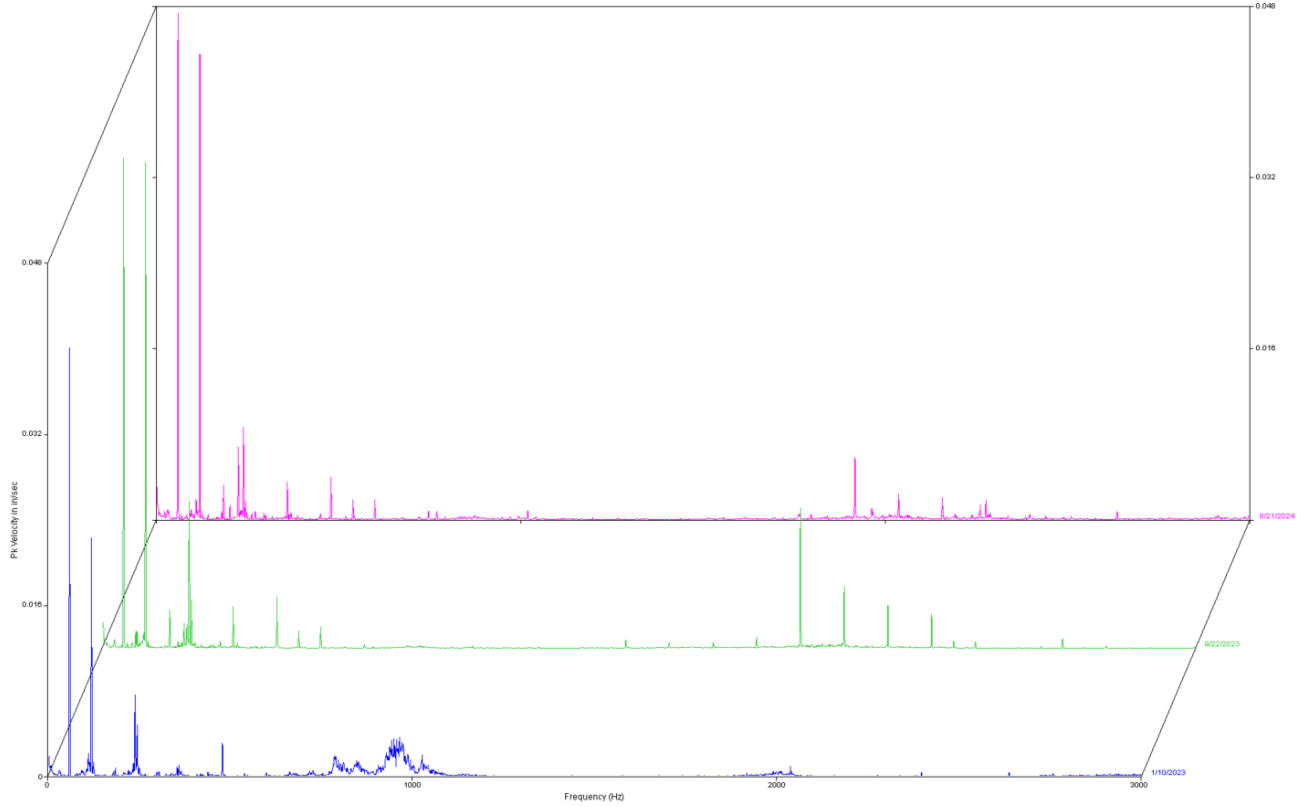
Seth McMillan
Lanxess Memphis Plant

Seth,

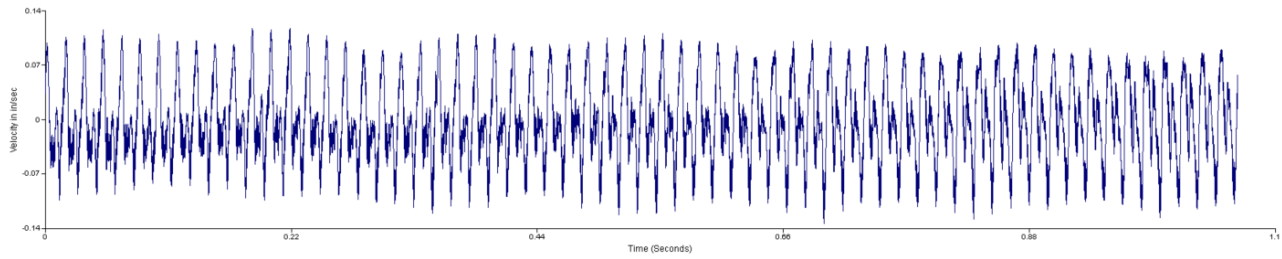
The following is a summary report of the refrigeration compressors. This report contains waterfall spectra and waveform data for each point and contains all data taken for both machines. Each spectrum and waveform should have a time stamp next to the data. Please let us know if there are any questions or comments.

COMPRESSOR A

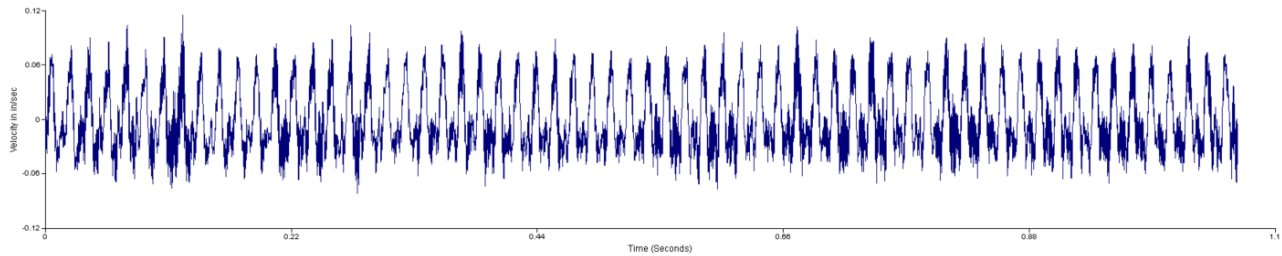




Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0723
Pk(-) = 0.0659
Pk(+) = 0.112
Pk(-) = 0.130
Crest = 2.574

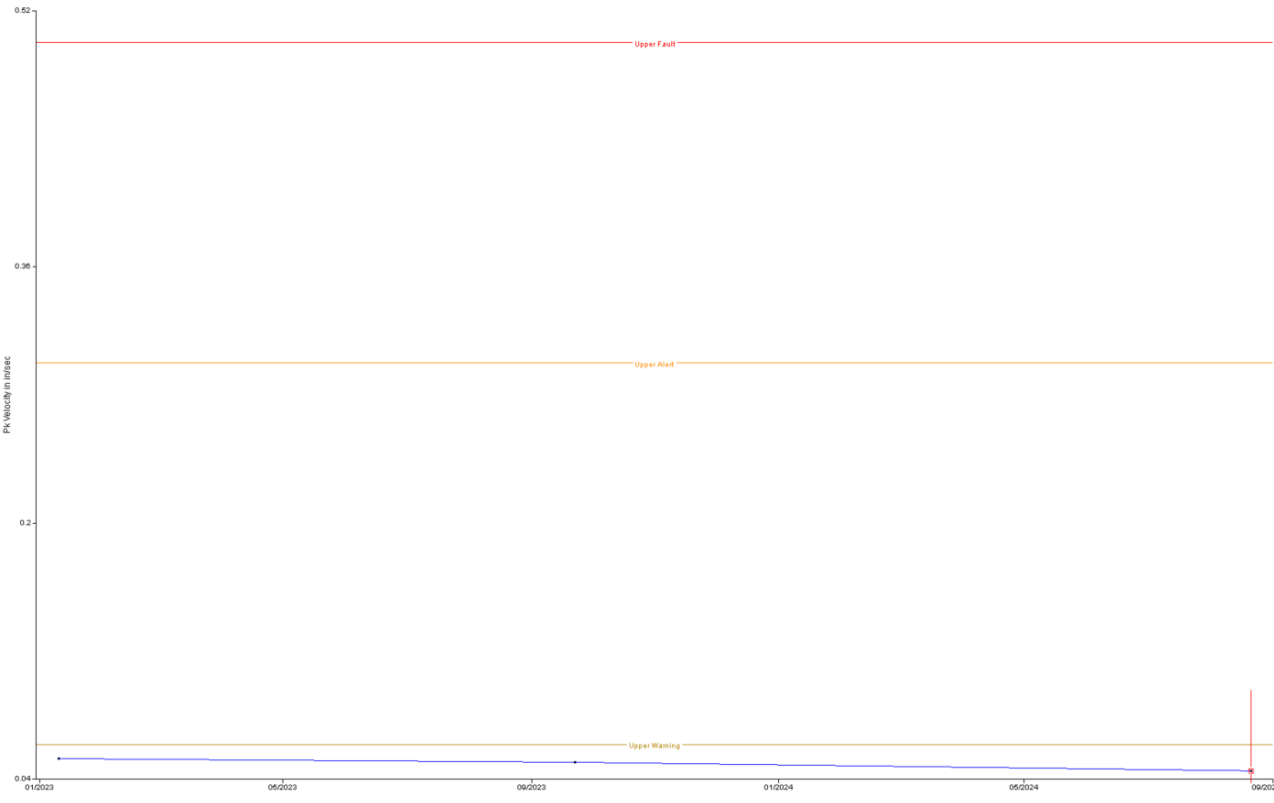


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0723
Pk(-) = 0.118
Pk(+) = 0.134
Crest = 2.620

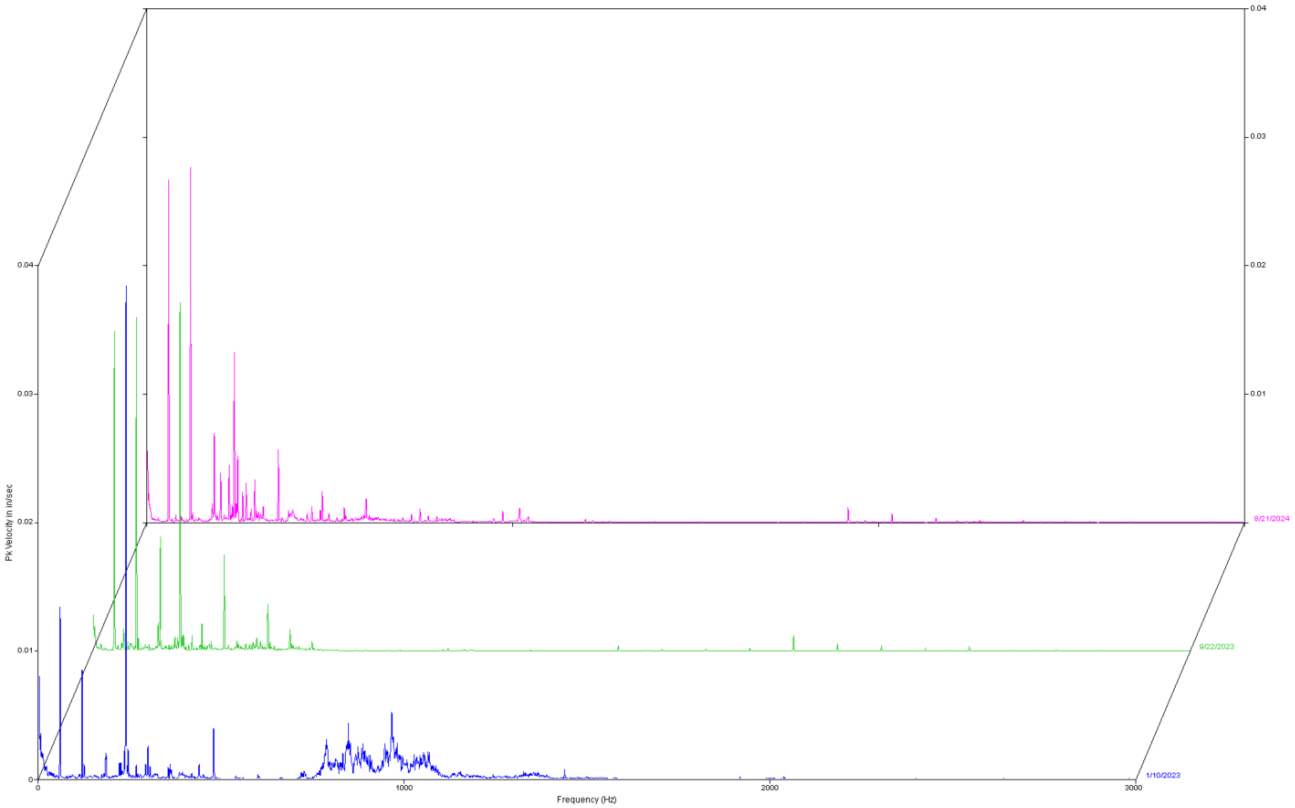


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0514
Pk(-) = 0.115
Pk(+) = 0.0811
Crest = 2.160

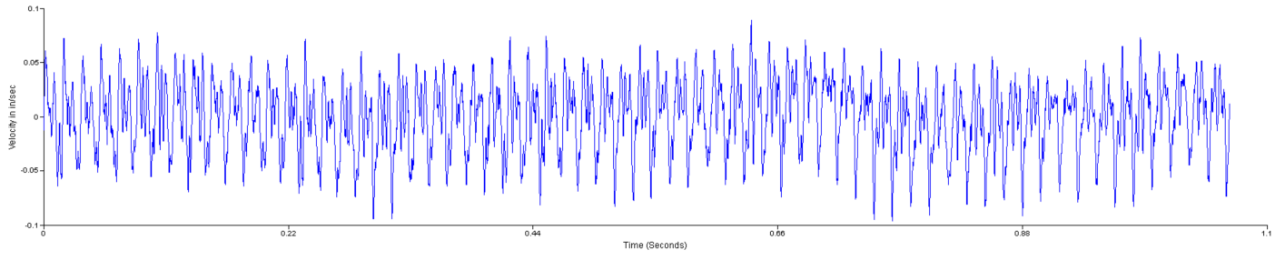
Overall Value
- Baseline -
Value: 0.0528
1/10/2023
8:39 AM



Multiple Route Spectra

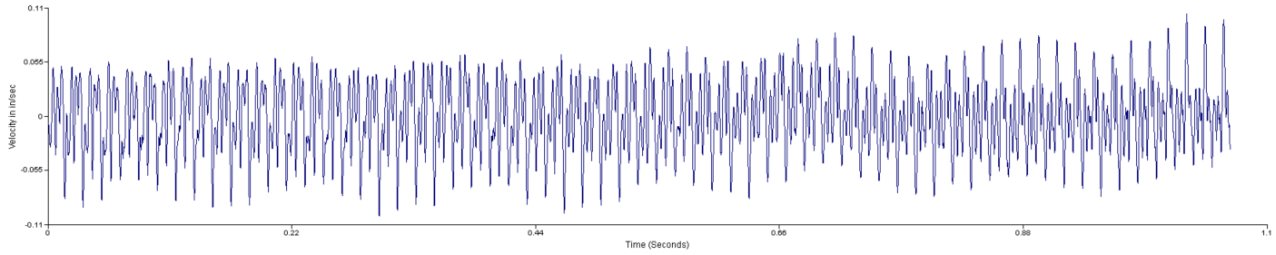


8/21/2024 10:31:22 AM



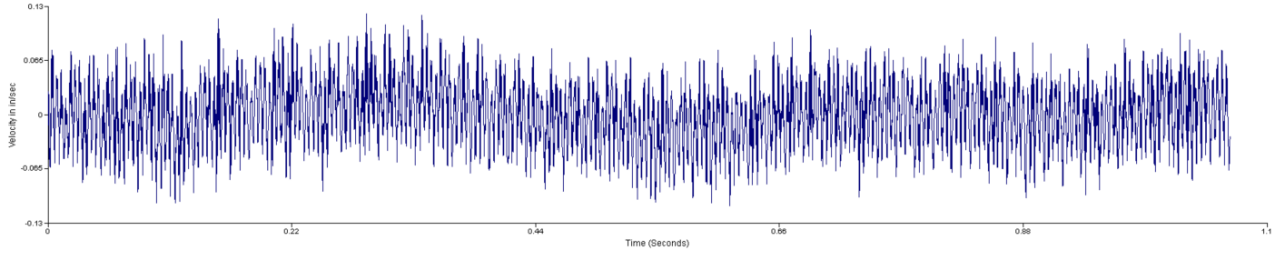
Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0460
Pdc-) = 0.0891
Pdc-) = 0.0959
Crest = 2.949

9/22/2023 10:04:42 AM



Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0503
Pdc-) = 0.104
Pdc-) = 0.101
Crest = 2.927

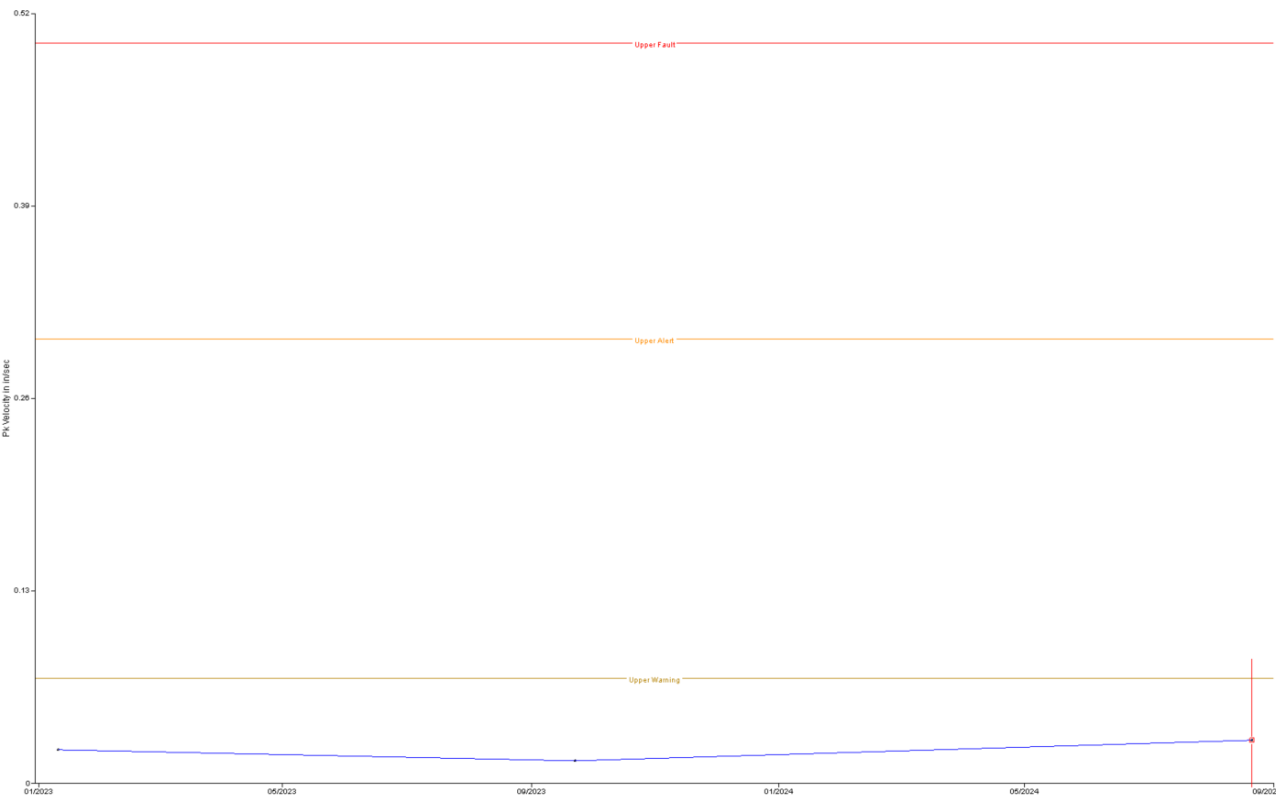
1/10/2023 8:39:35 AM



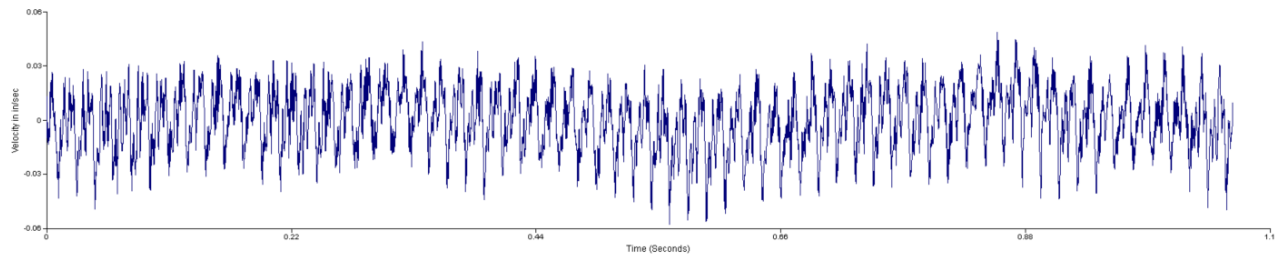
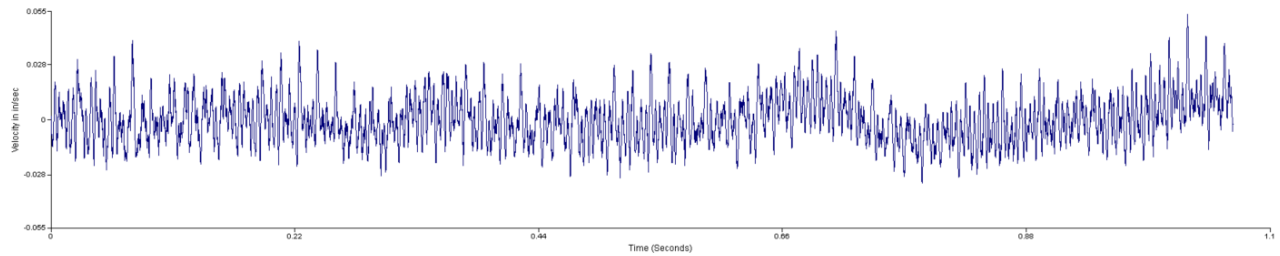
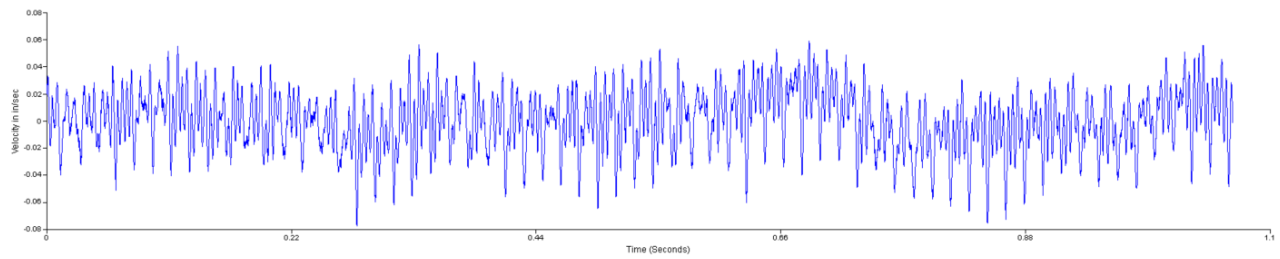
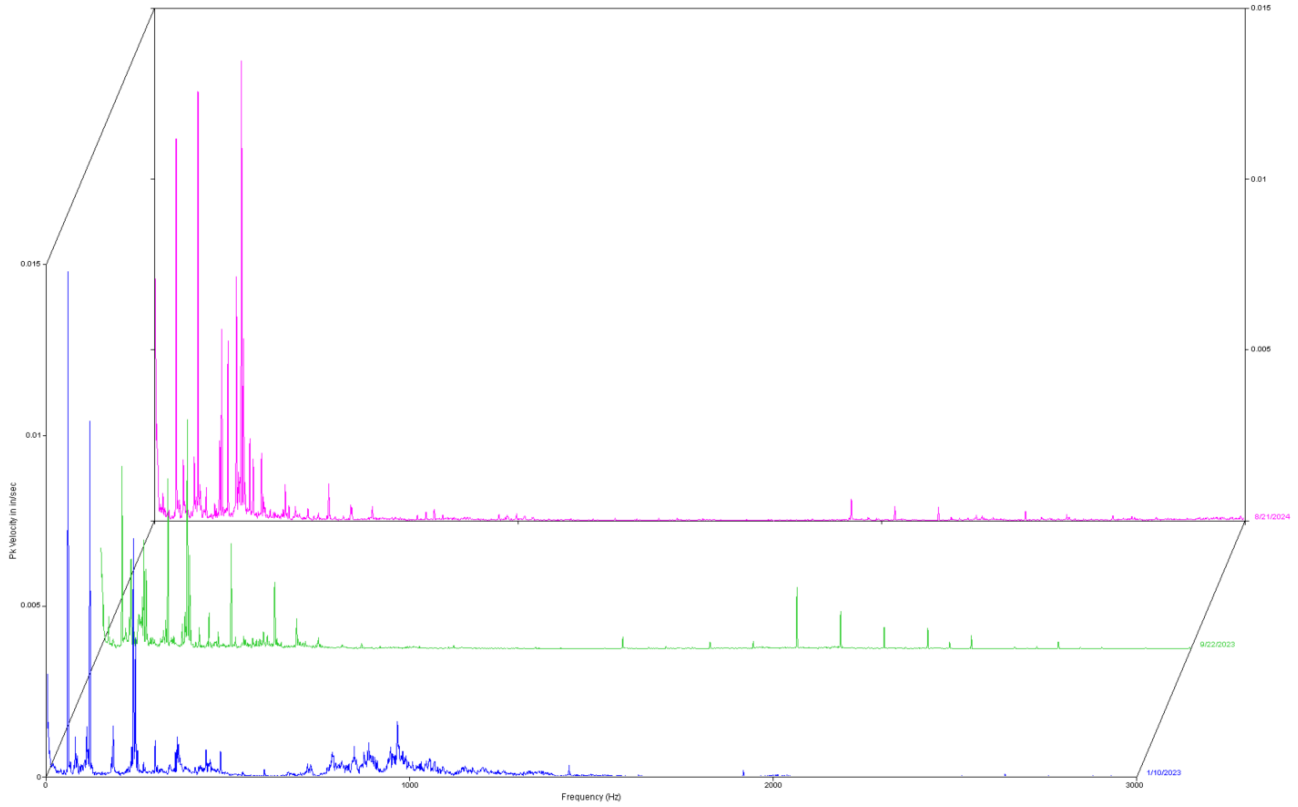
Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0536
Pdc-) = 0.121
Pdc-) = 0.109
Crest = 3.200

Overall Value

- Baseline -
Value: 0.0227
1/10/2023
8:39 AM



8/21/2024
10:31:22 AM
Amp: 0.0291

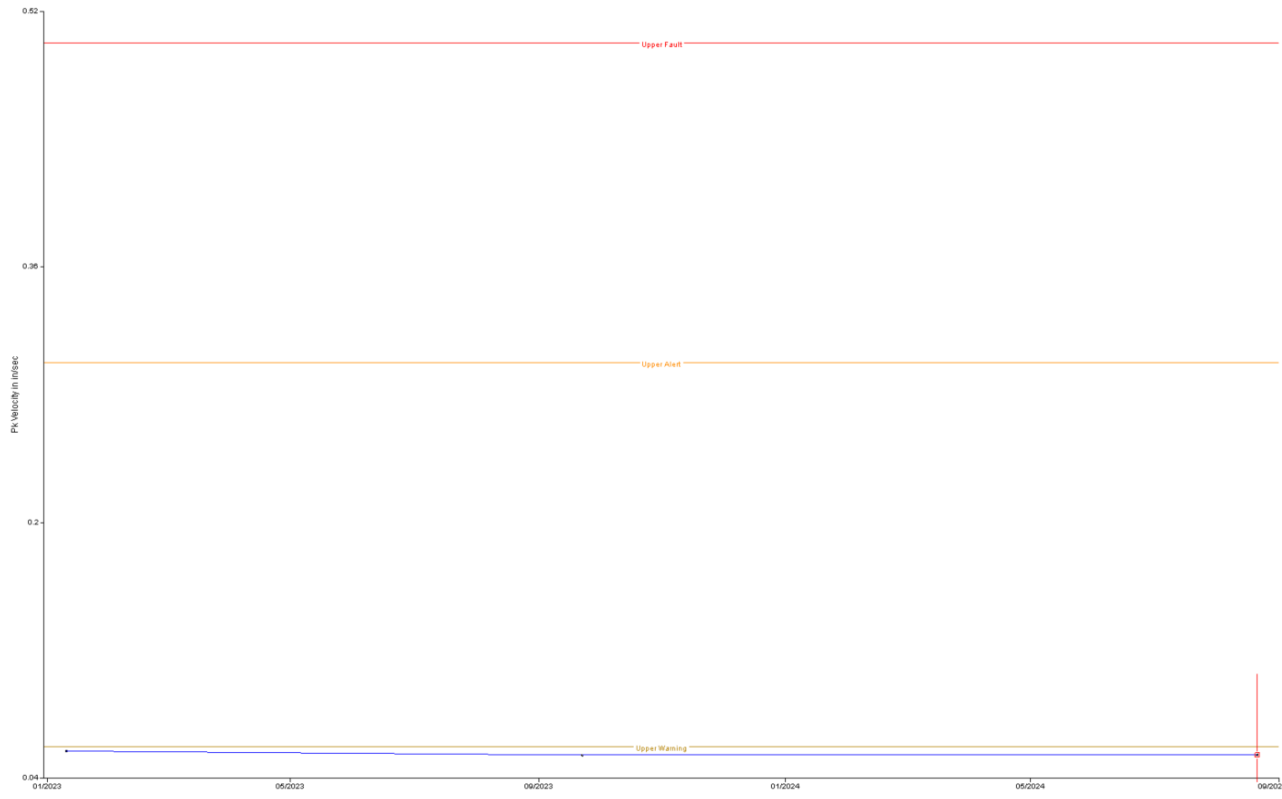


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0311
Pk(+) = 0.0592
Pk(-) = 0.0773
Crest = 3.521

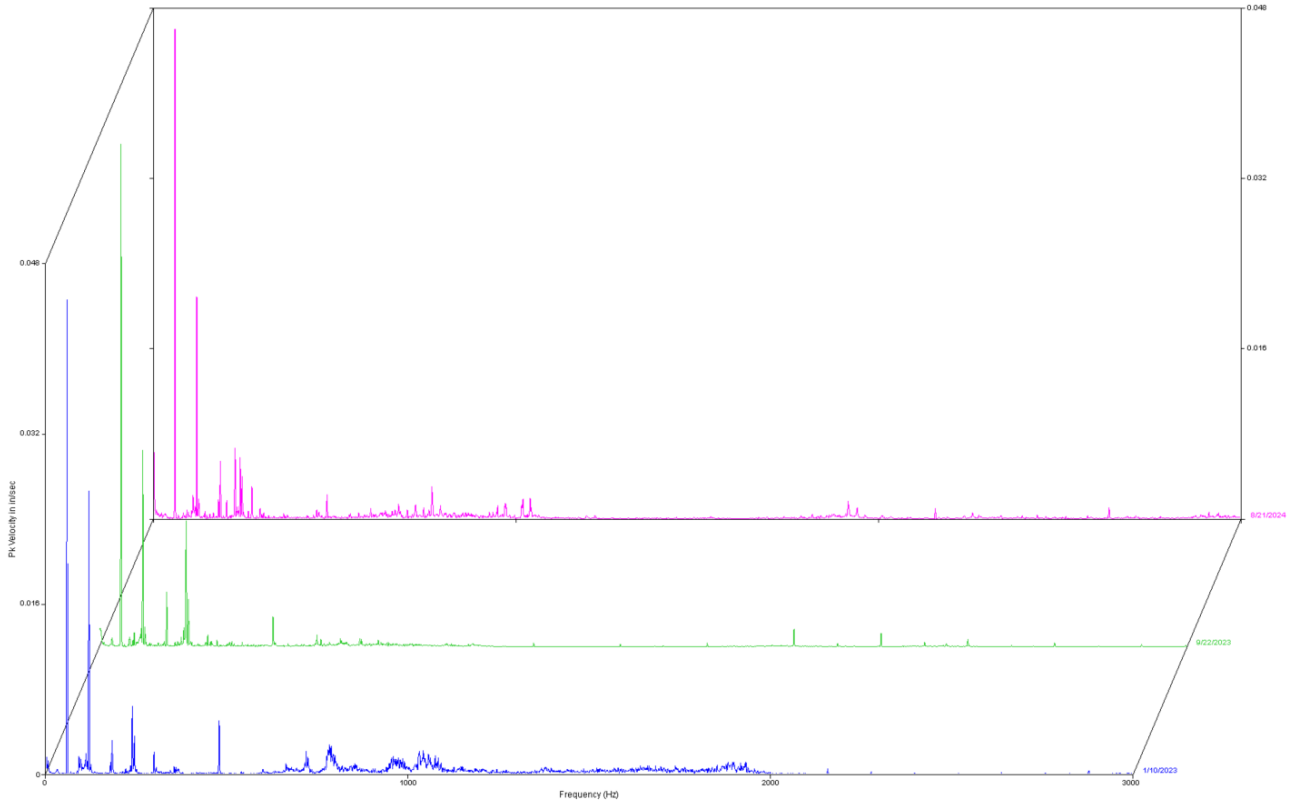
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0168
Pk(+) = 0.0535
Pk(-) = 0.0232
Crest = 4.513

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0243
Pk(+) = 0.0490
Pk(-) = 0.0575
Crest = 3.355

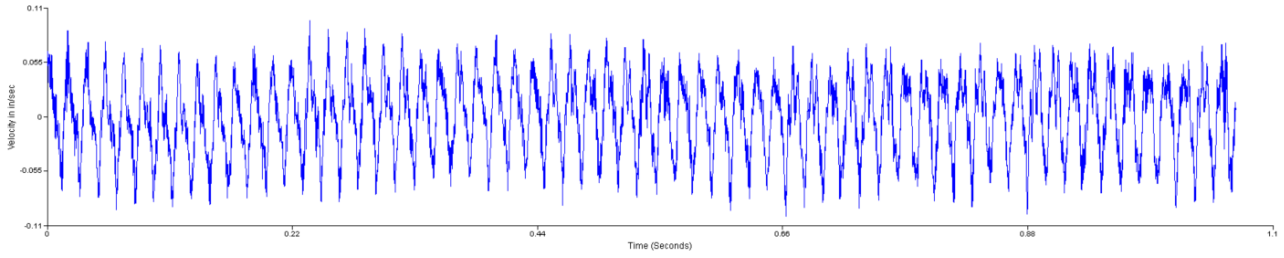
Overall Value
- Baseline -
Value: 0.0569
1/10/2023
8:39 AM



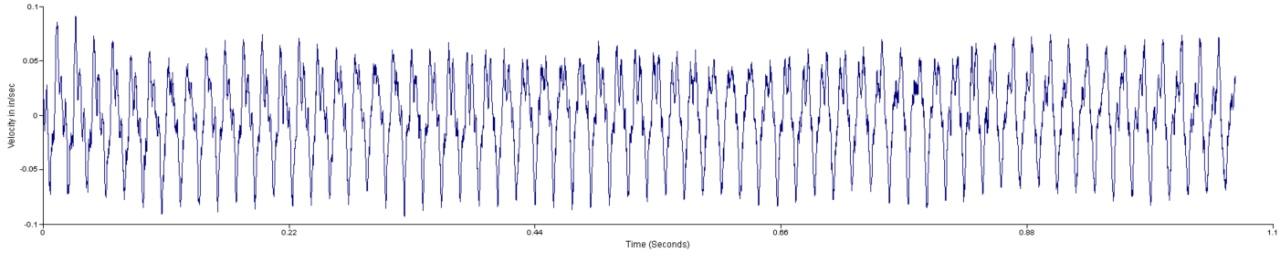
Multiple Route Spectra



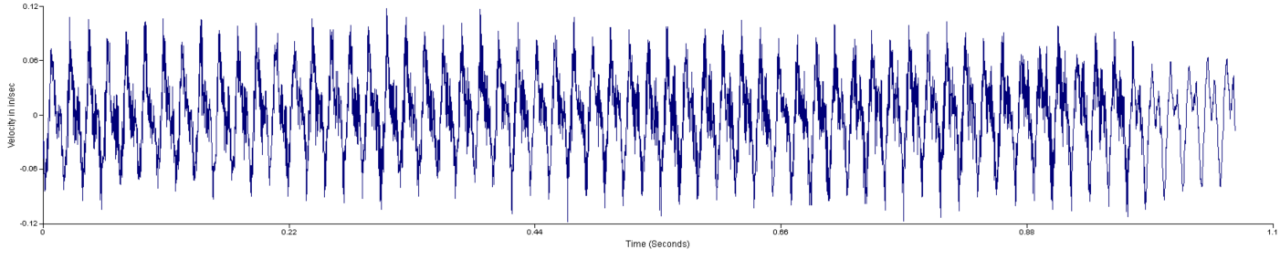
8/21/2024 10:31:42 AM



9/22/2023 10:04:56 AM



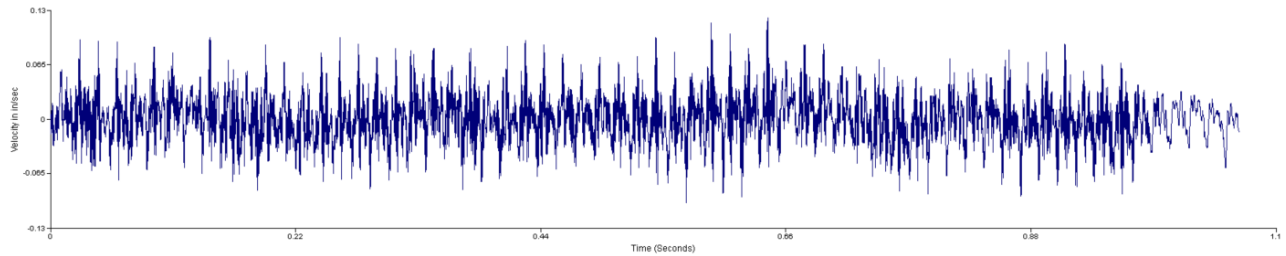
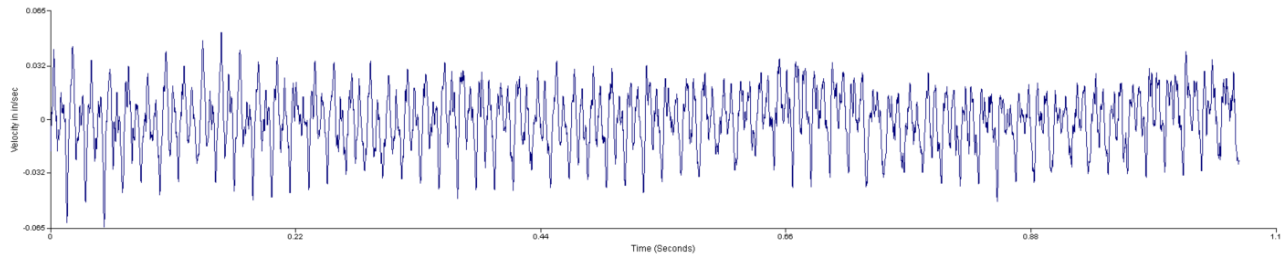
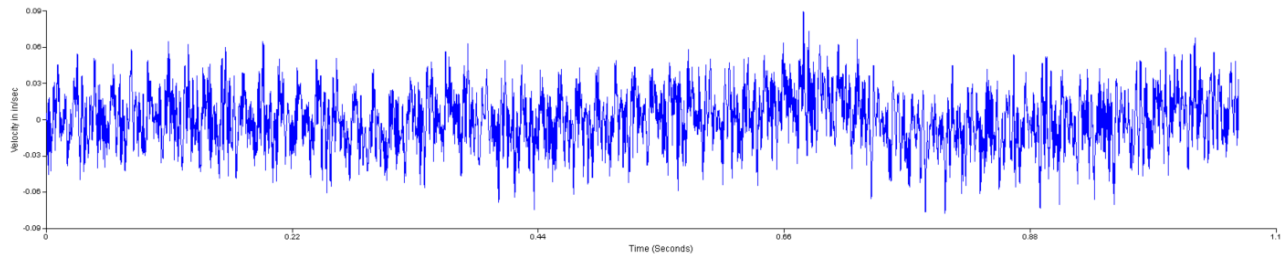
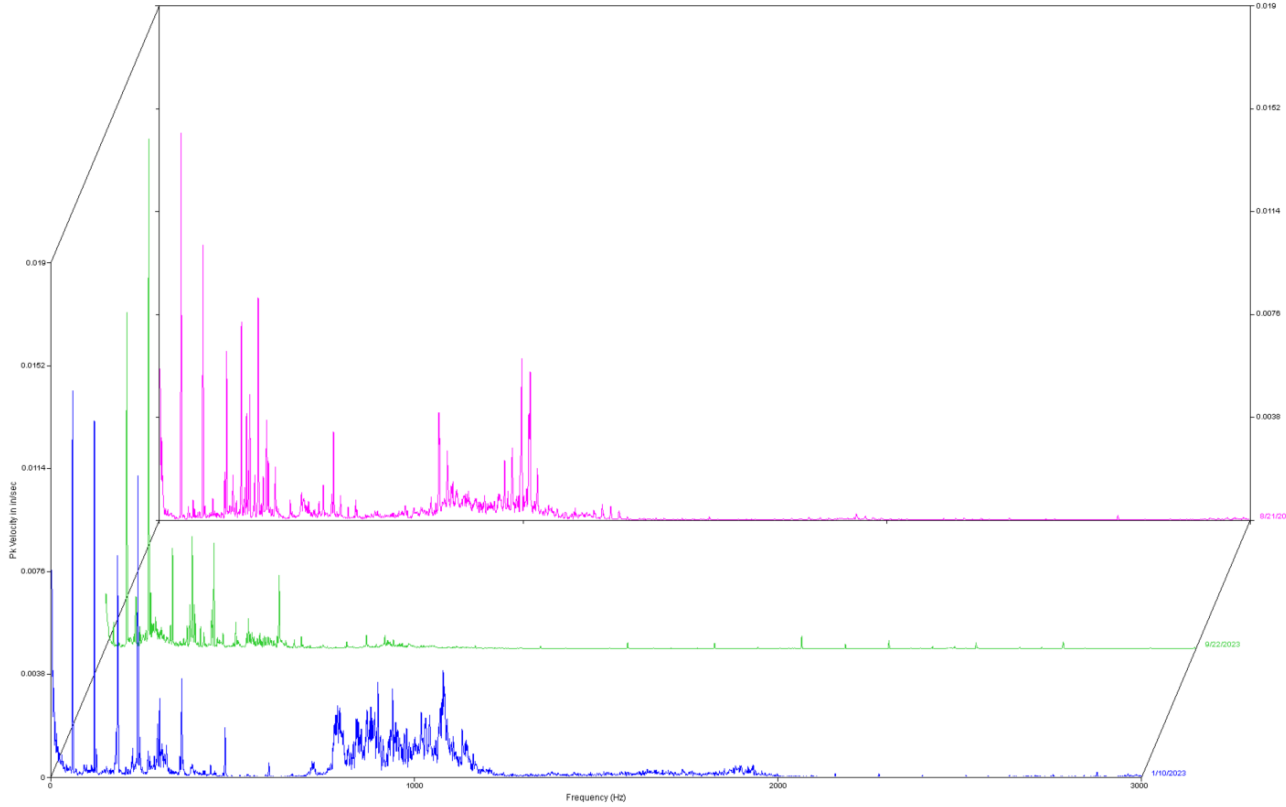
1/10/2023 8:39:54 AM



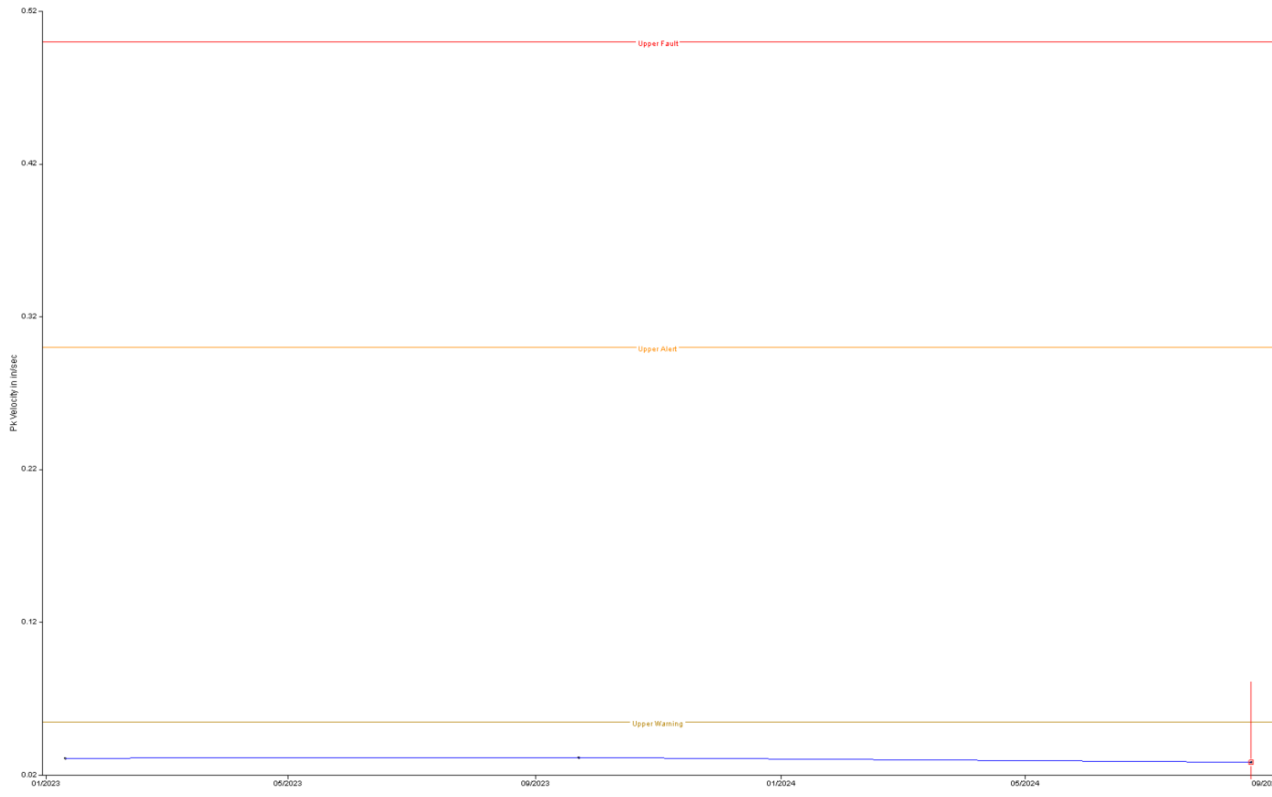
Overall Value

- Baseline -
Value: 0.0372
1/10/2023
8:39 AM

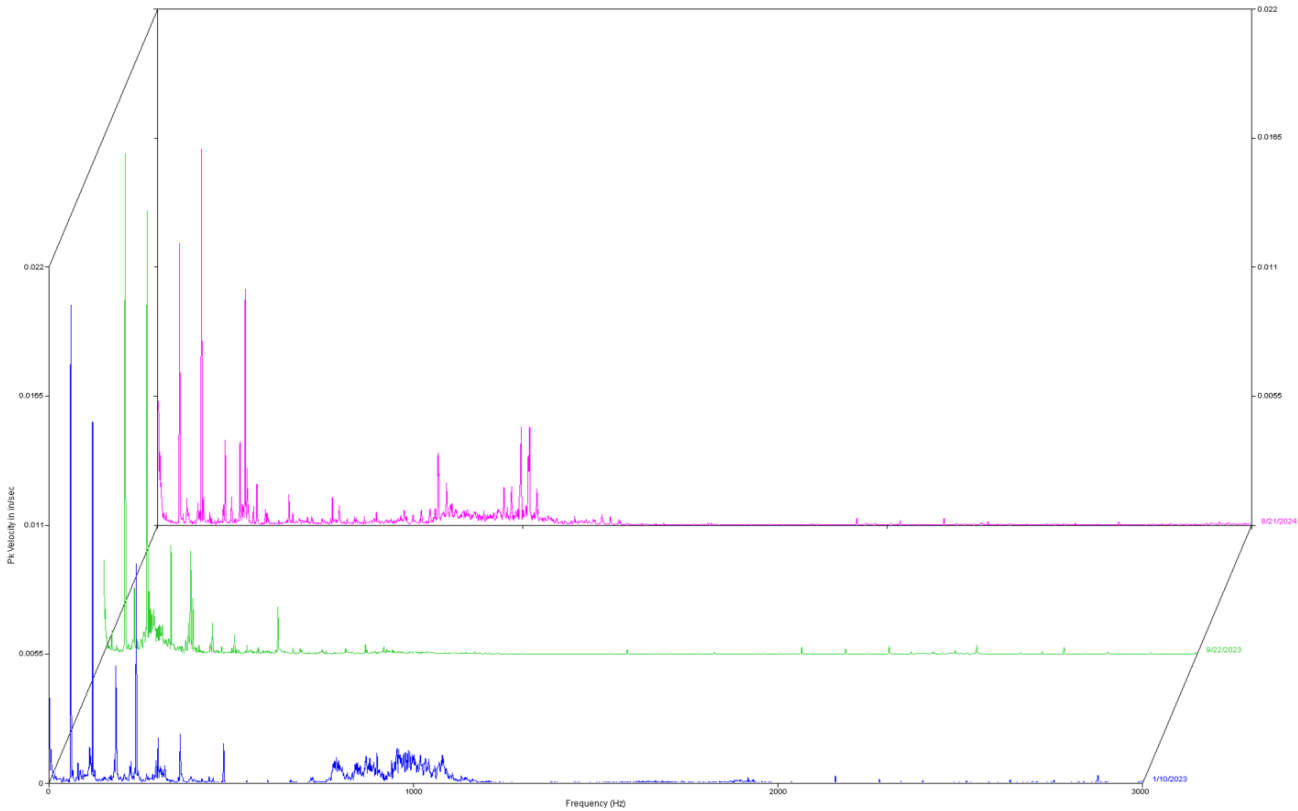




Overall Value
- Baseline -
Value: 0.0311
1/10/2023
8:39 AM

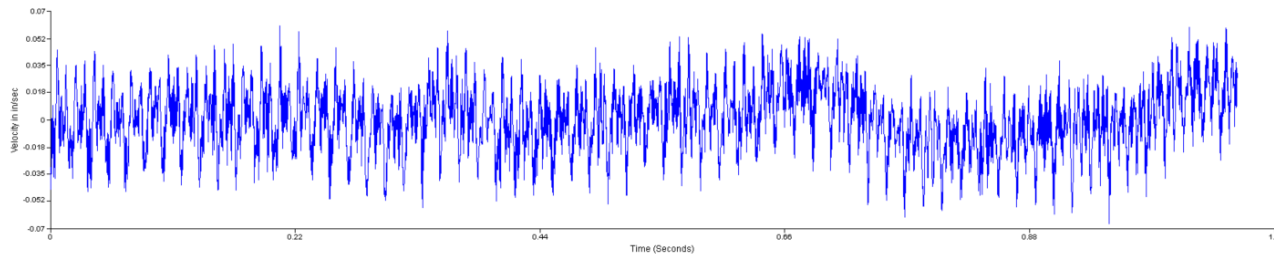


Multiple Route Spectra



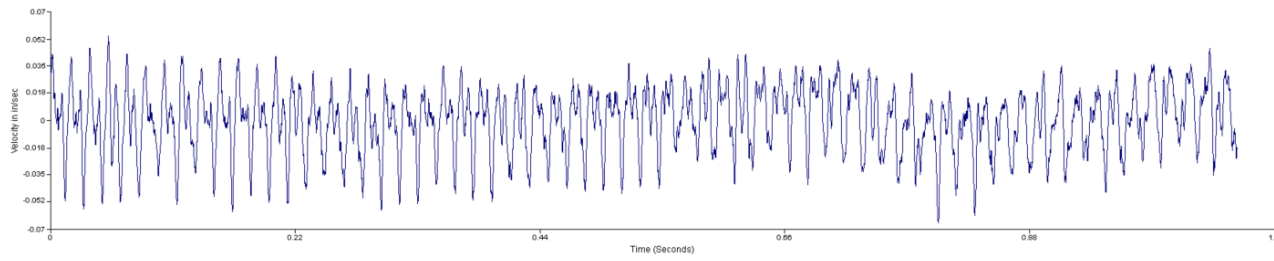
8/21/2024 10:31:42 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0287
Pk(+) = 0.0609
Pk(-) = 0.0666
Crest = 3.293



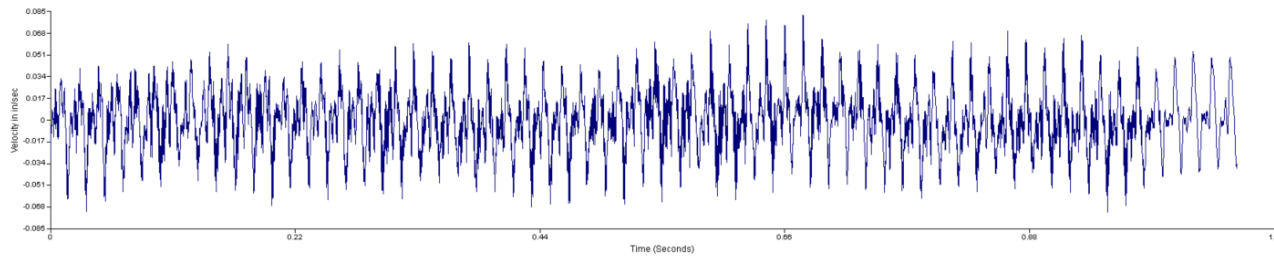
9/22/2023 10:04:56 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0294
Pk(+) = 0.0544
Pk(-) = 0.0657
Crest = 3.165



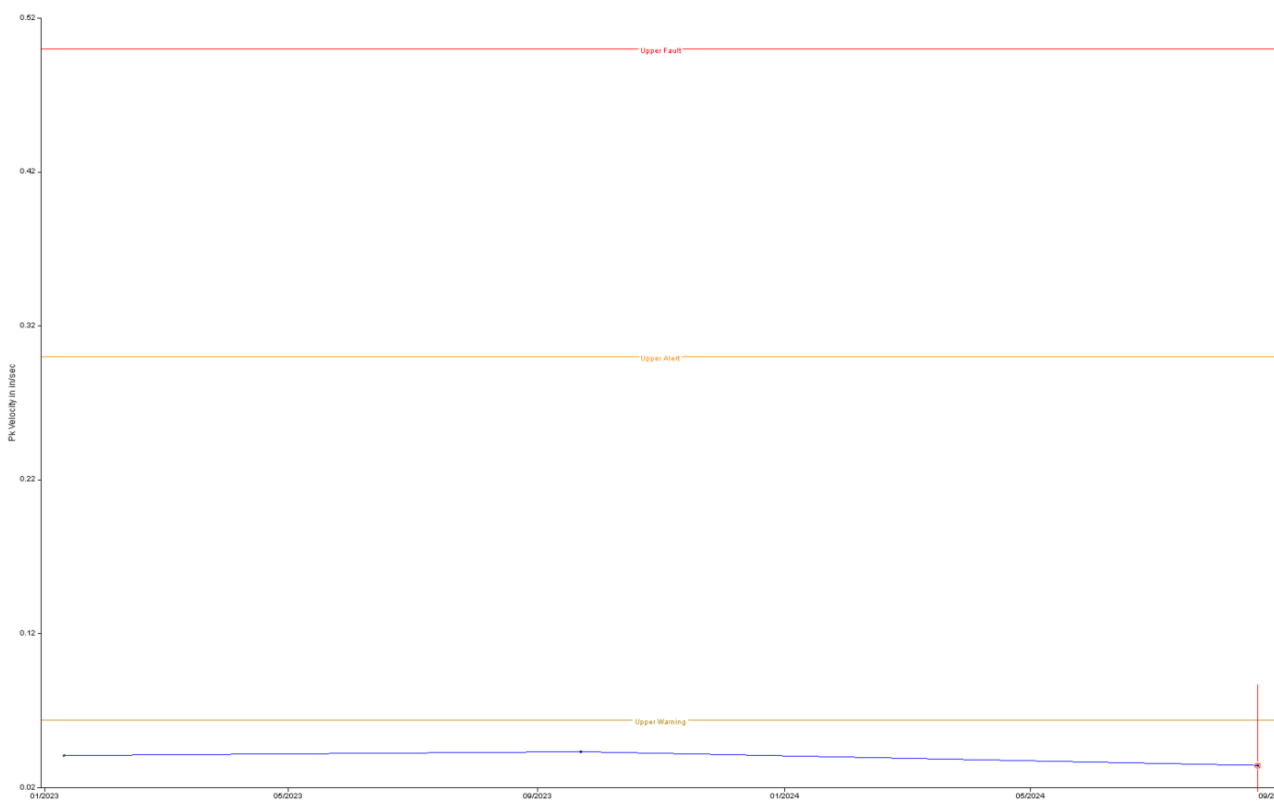
1/10/2023 8:39:54 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0329
Pk(+) = 0.0622
Pk(-) = 0.0722
Crest = 3.534

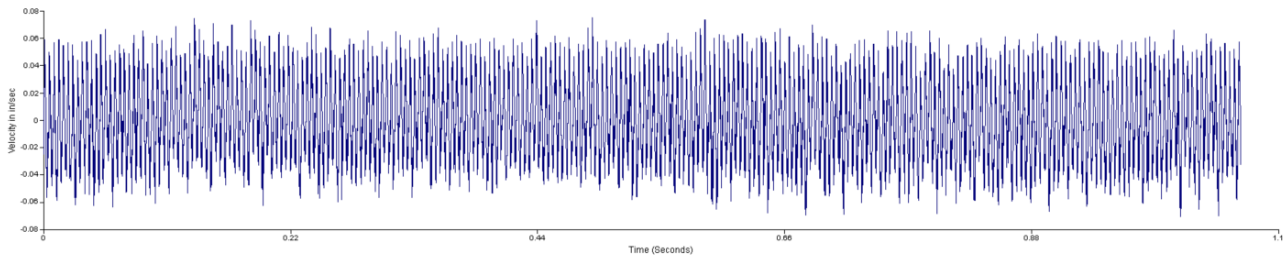
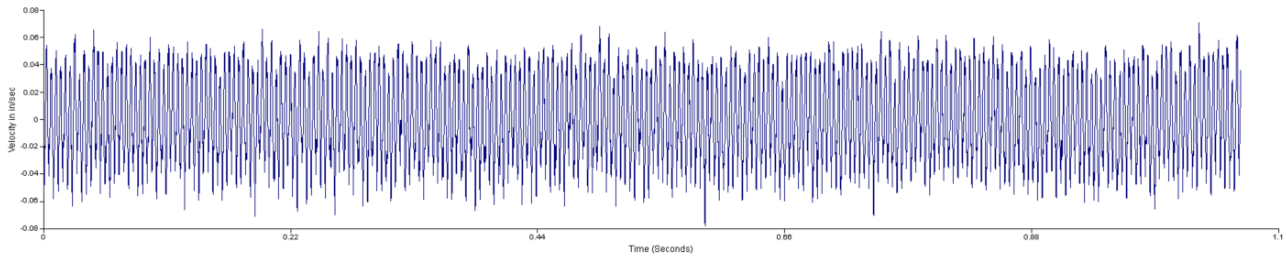
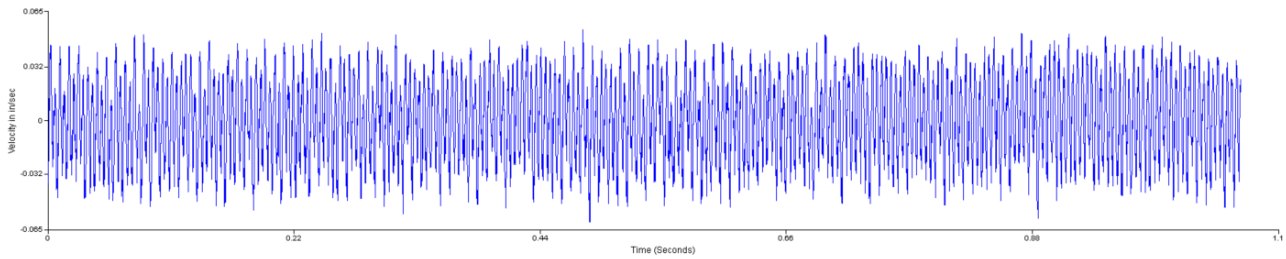
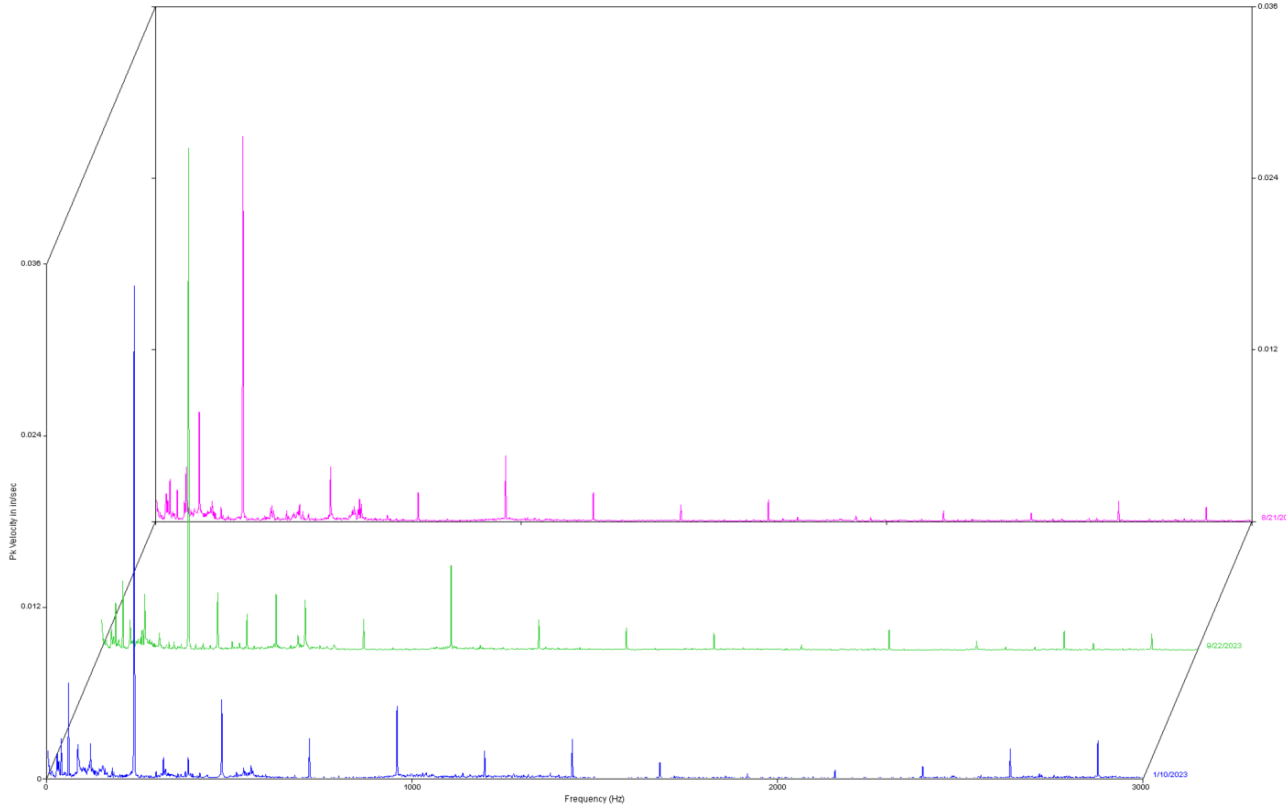


Overall Value

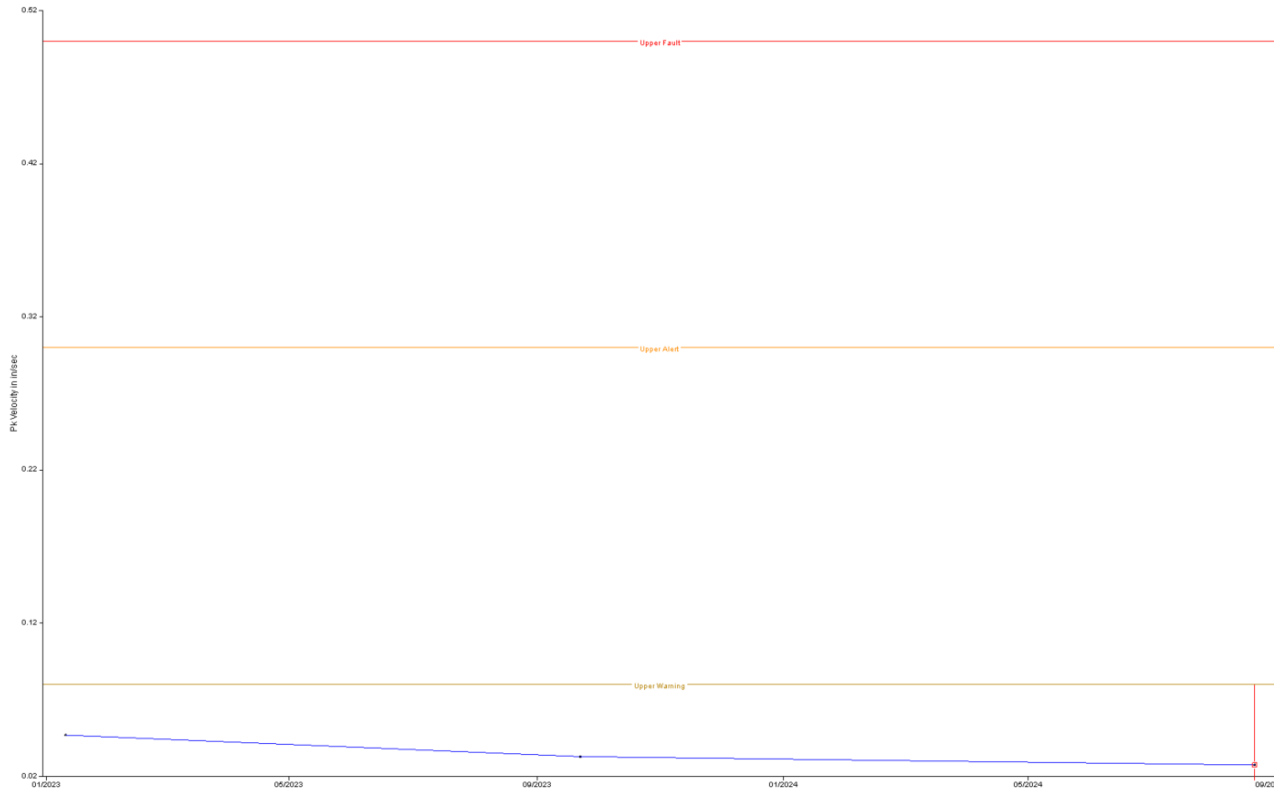
- Baseline -
Value: 0.0409
1/10/2023
8:41 AM



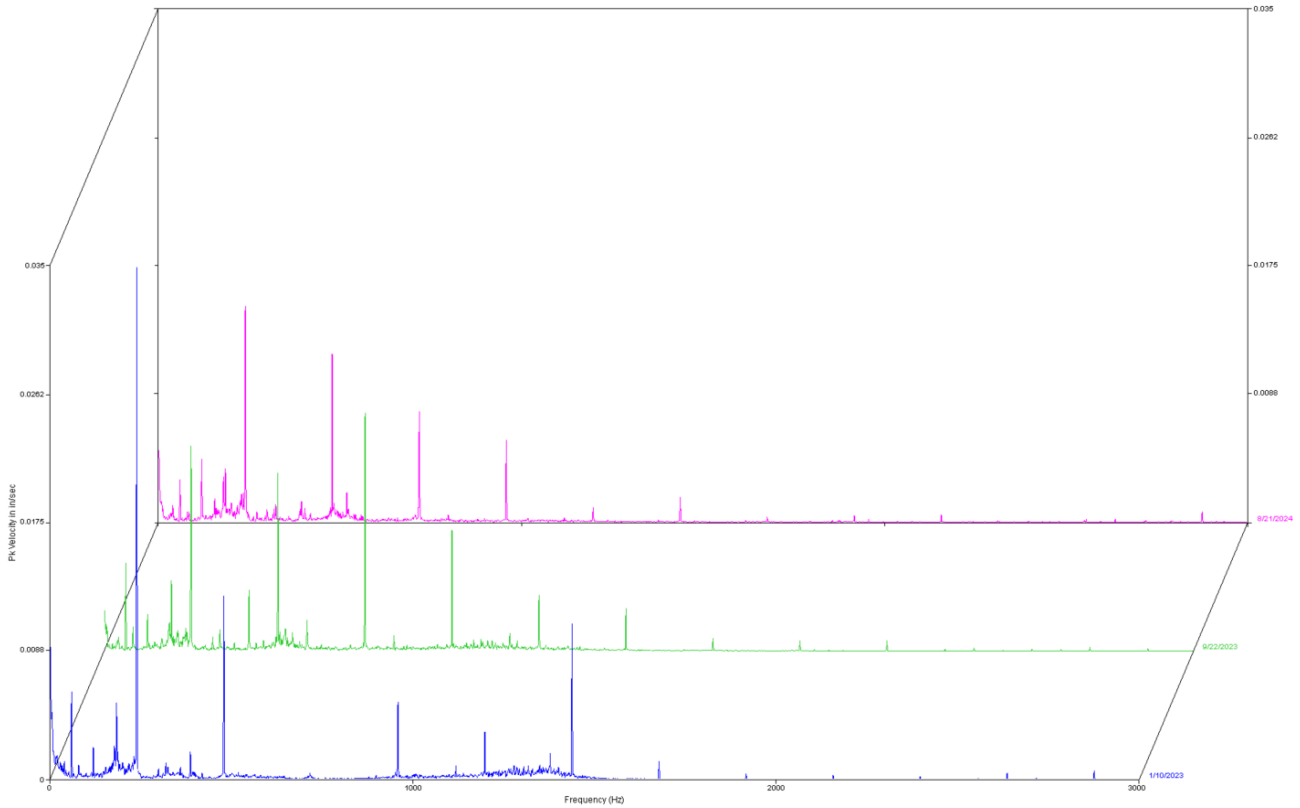
8/21/2024
0:31:22 AM
Avg: 0.0345



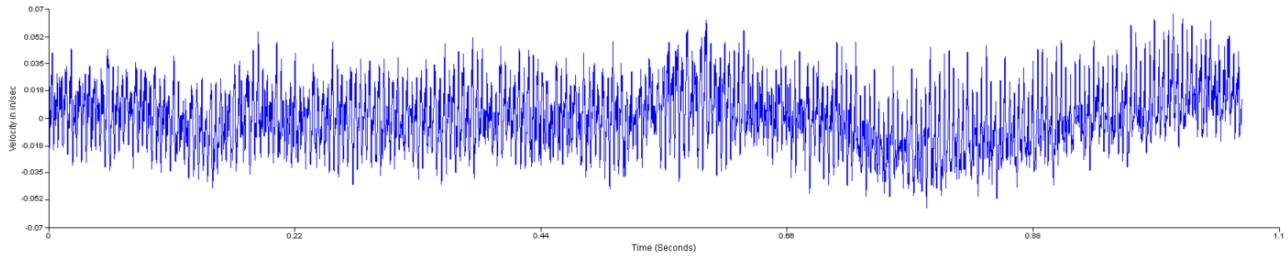
Overall Value
- Baseline -
Value: 0.0470
1/10/2023
8:41 AM



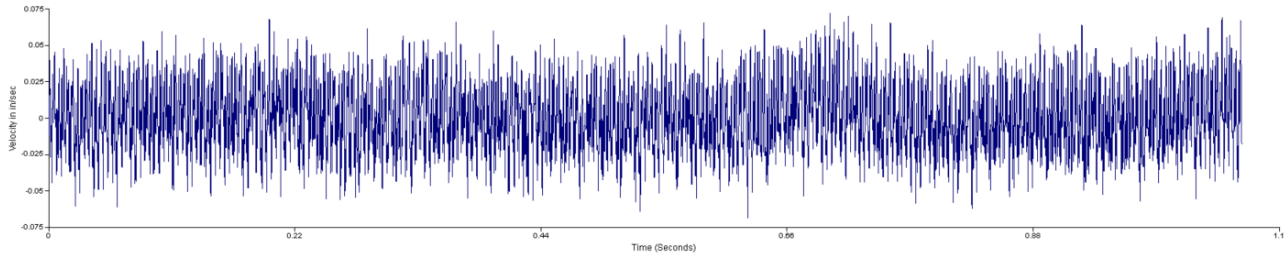
Multiple Route Spectra



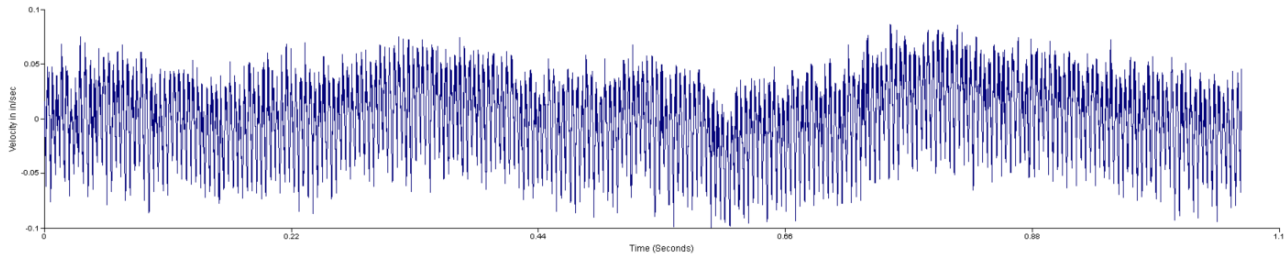
8/21/2024 10:32:05 AM



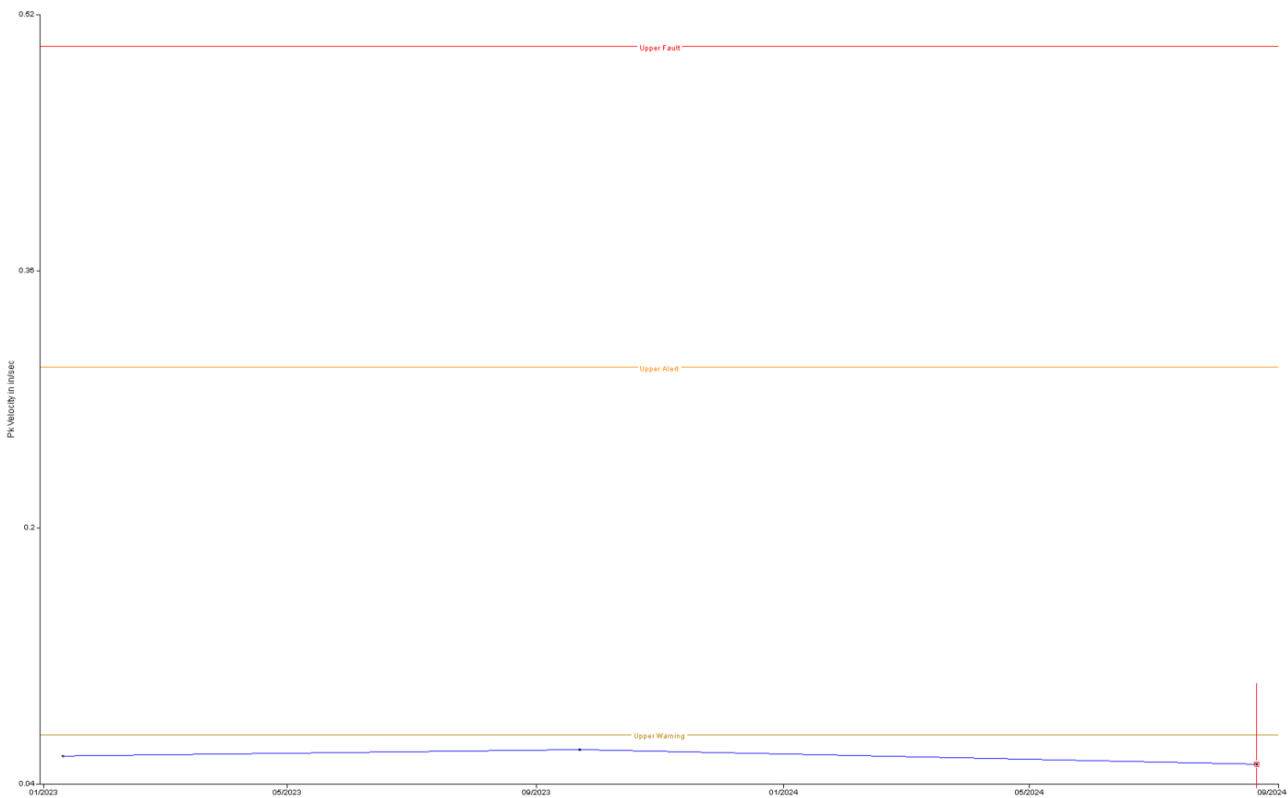
9/22/2023 10:10:03 AM

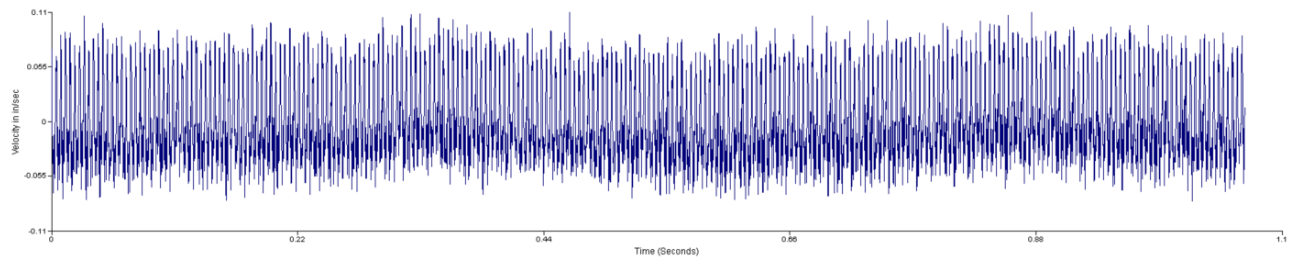
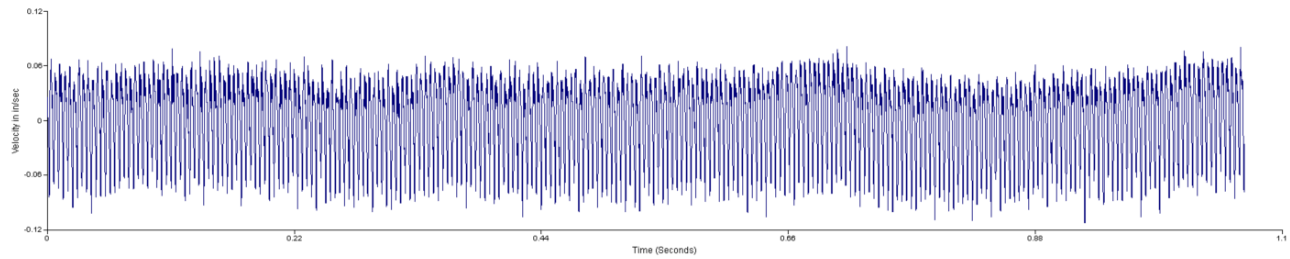
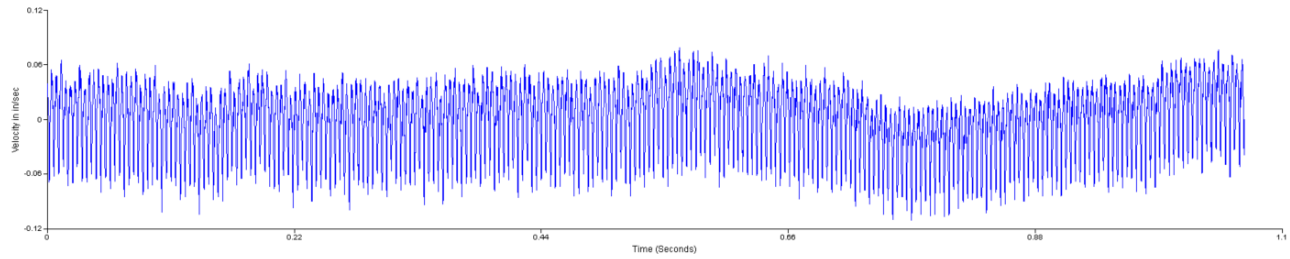
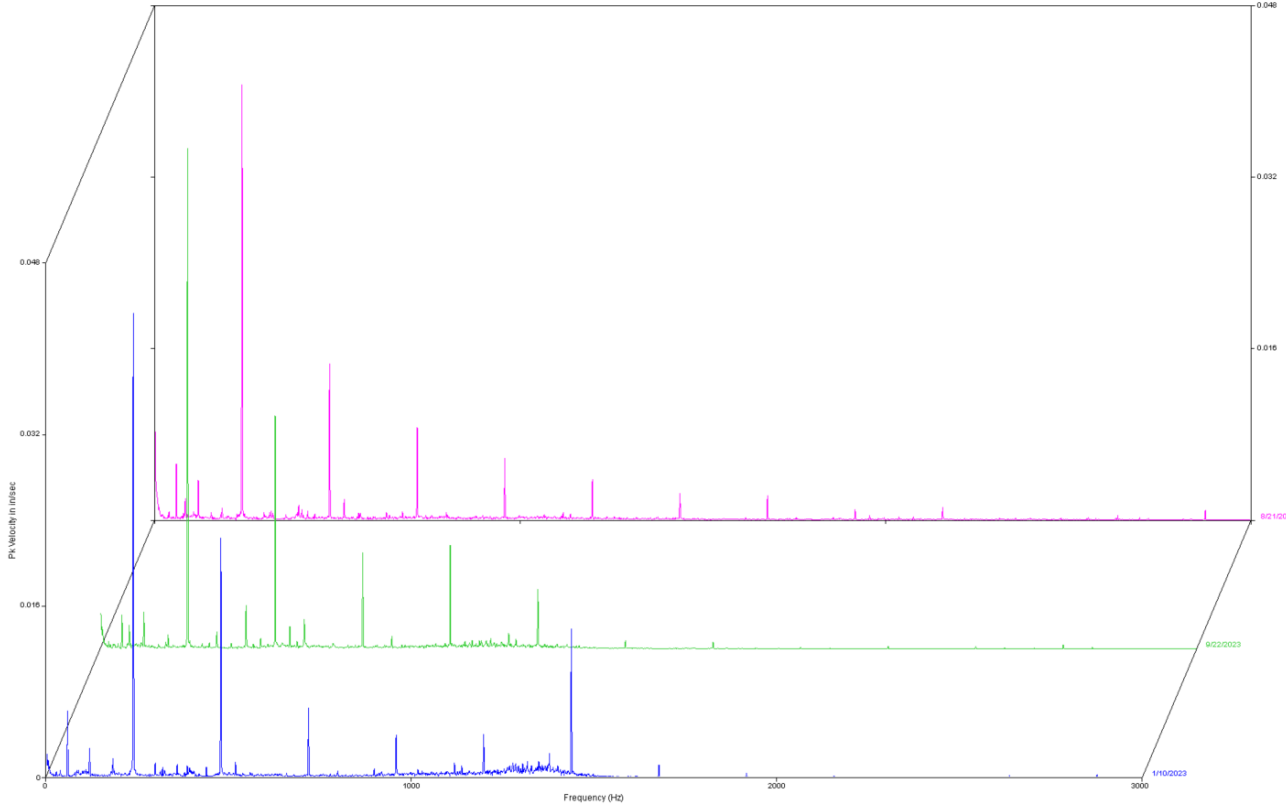


1/10/2023 8:41:18 AM

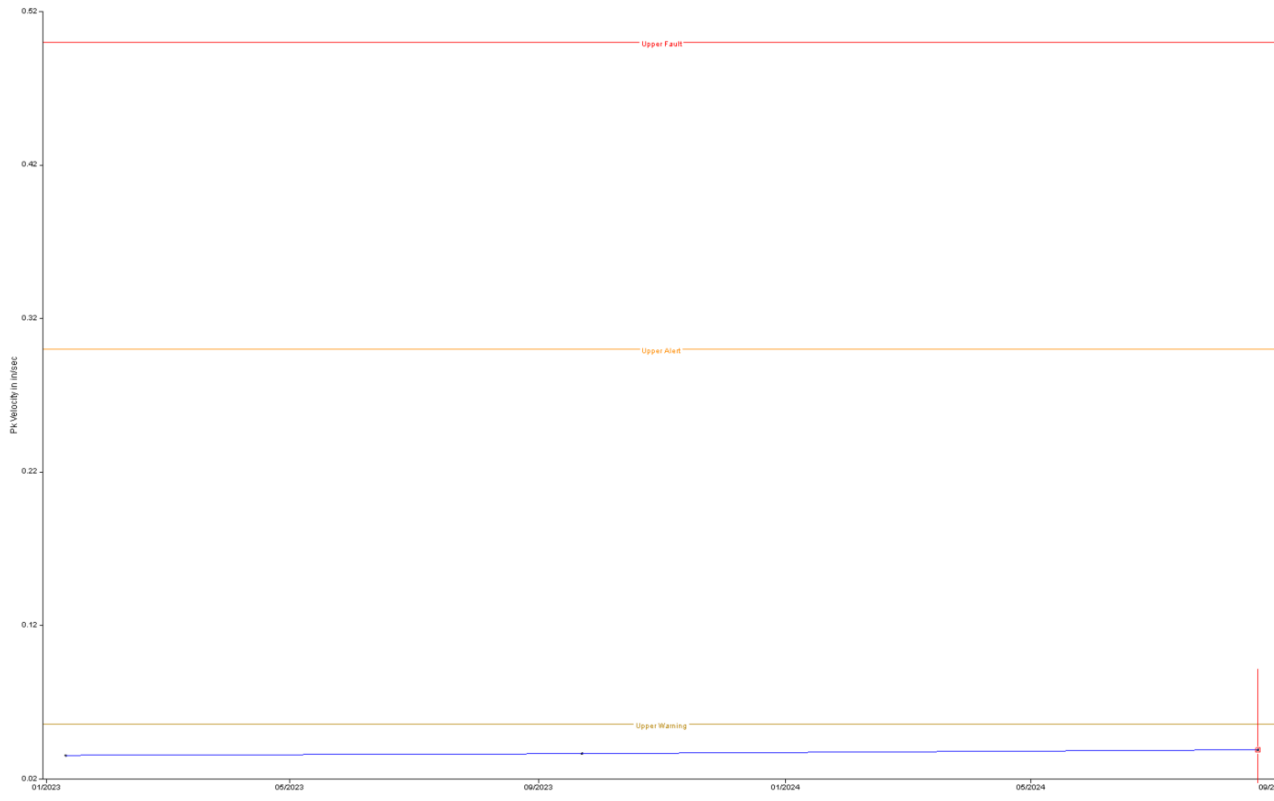


Overall Value

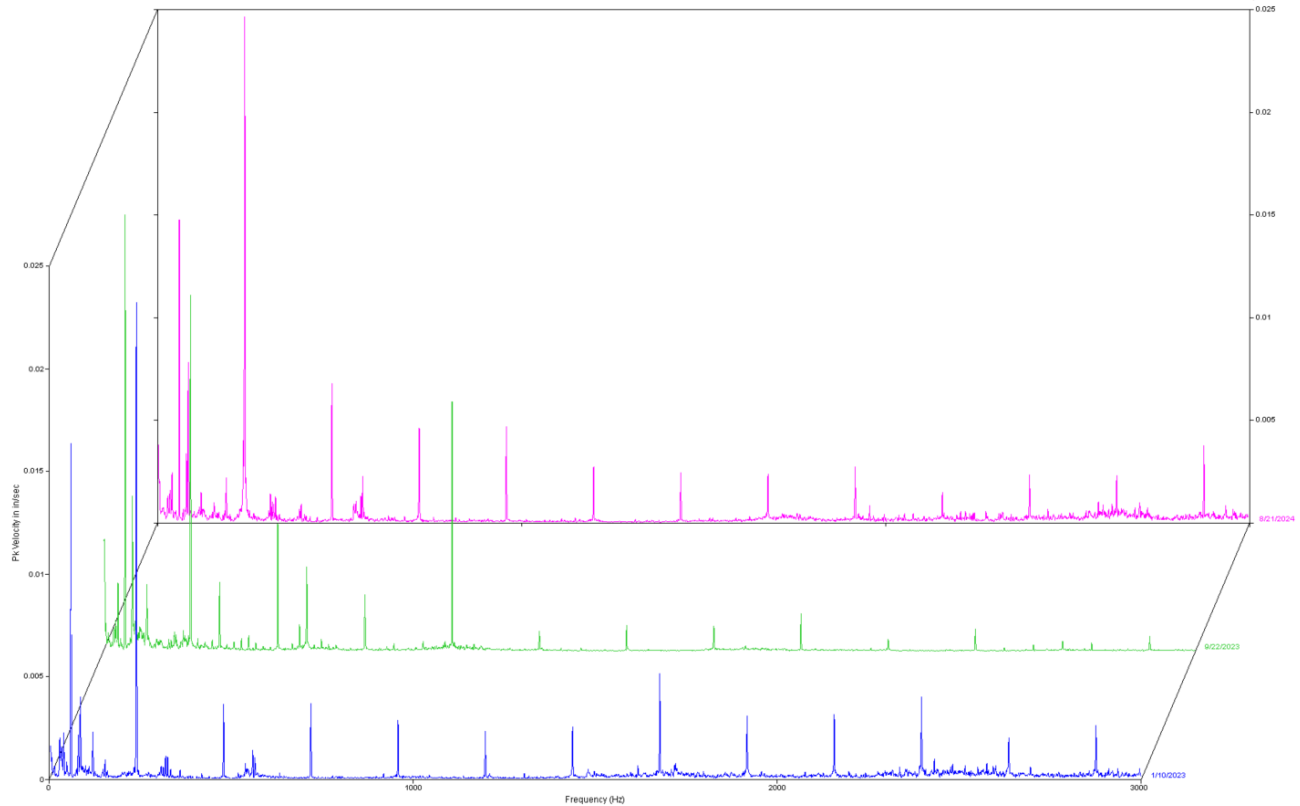




Overall Value
- Baseline -
Value: 0.0355
1/10/2023
8:47 AM

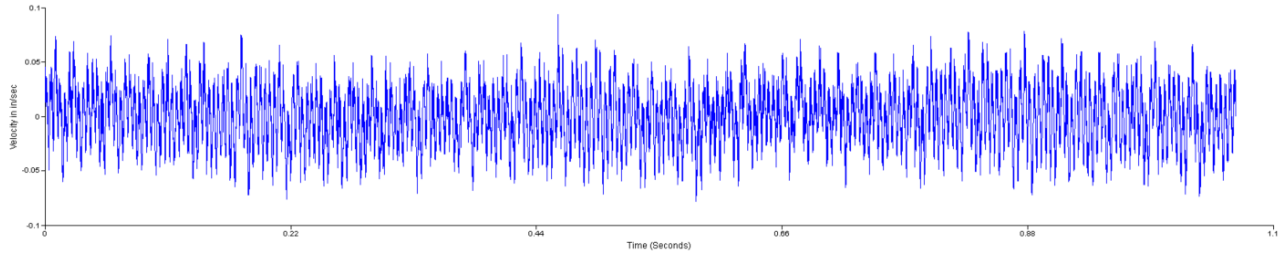


Multiple Route Spectra



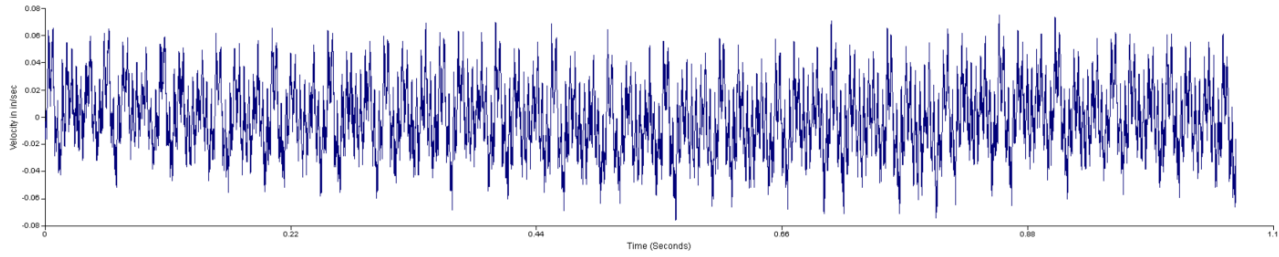
8/21/2024 10:32:48 AM

Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0580
Pk(+) = 0.0507
Pk(-) = 0.0779
Crest = 3.397



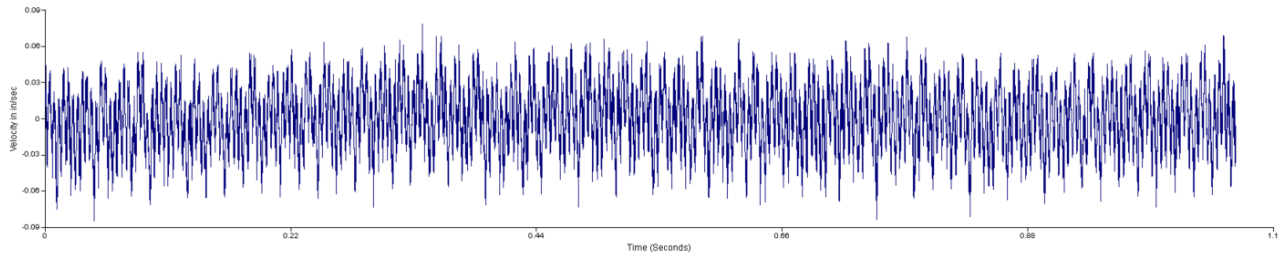
9/22/2023 10:11:18 AM

Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0367
Pk(+) = 0.0753
Pk(-) = 0.0758
Crest = 2.923



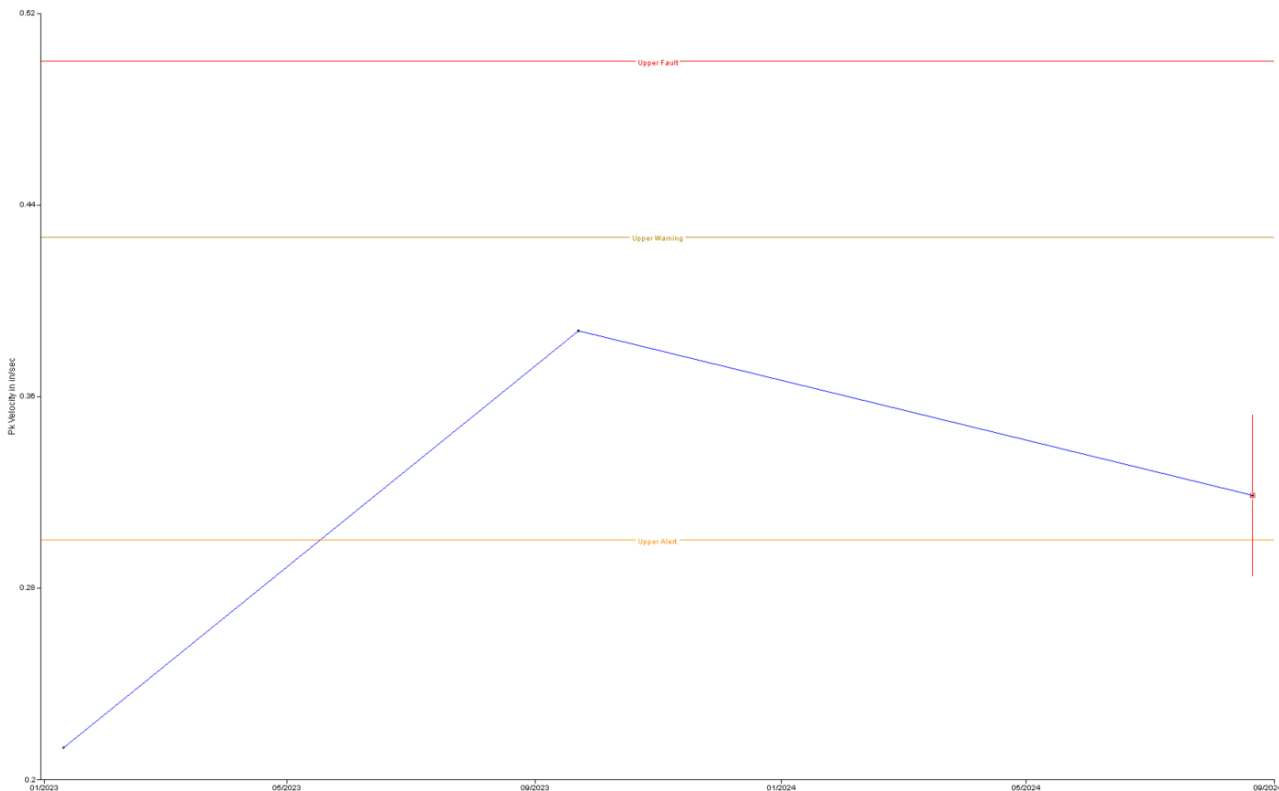
1/10/2023 8:47:40 AM

Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0377
Pk(+) = 0.0789
Pk(-) = 0.0548
Crest = 3.173

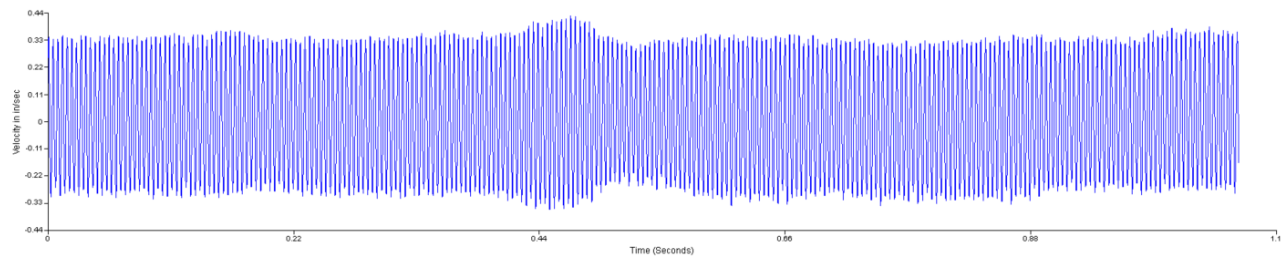
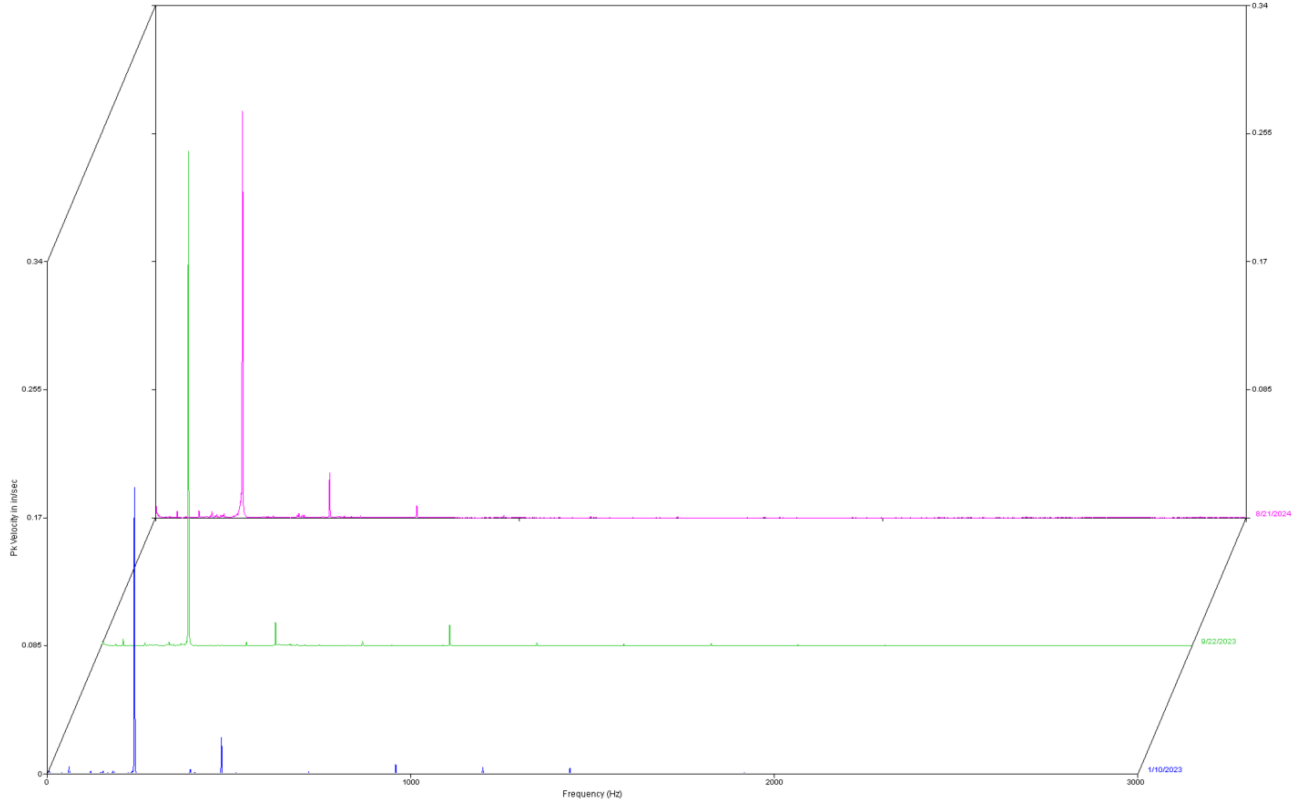


Overall Value

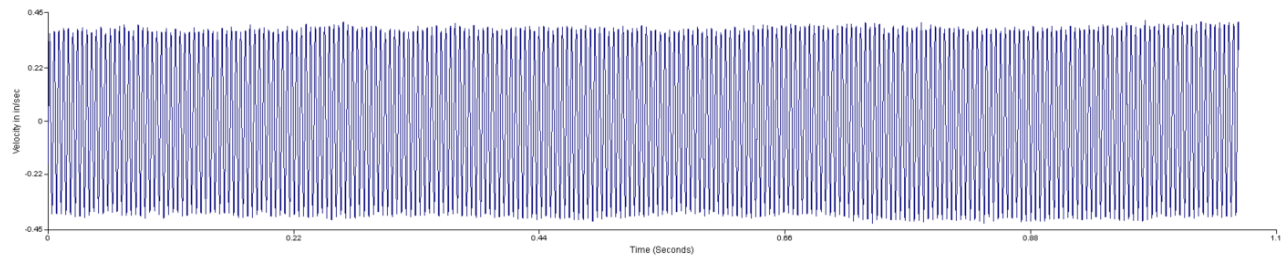
- Baseline
Value: 0.213
1/10/2023
8:47 AM



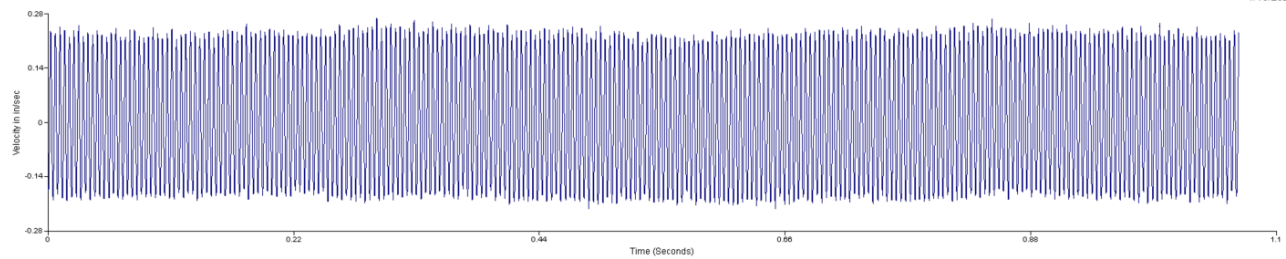
8/21/2024
10:31:22 AM
Avg: 0.319



Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.316
Pk(+) = 0.428
Pk(-) = 0.355
Crest = 1.915

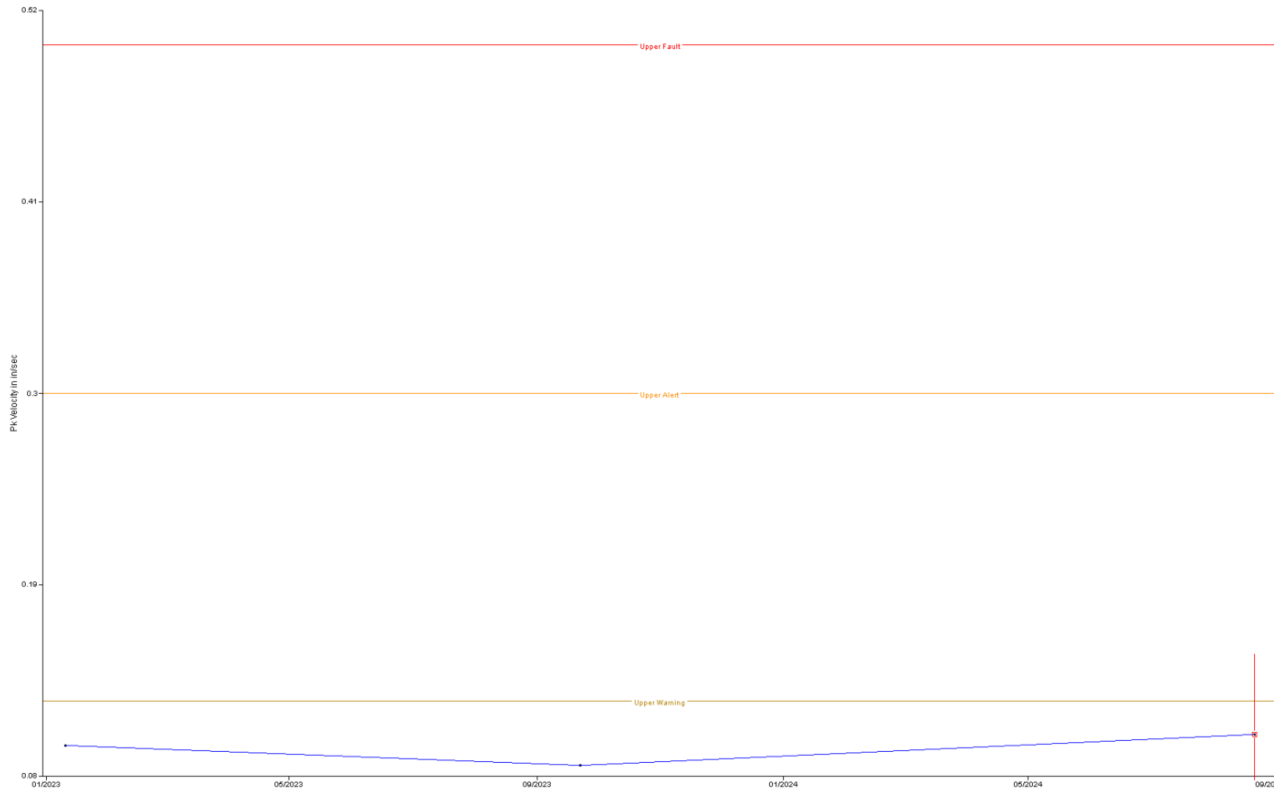


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.390
Pk(+) = 0.416
Pk(-) = 0.424
Crest = 1.535

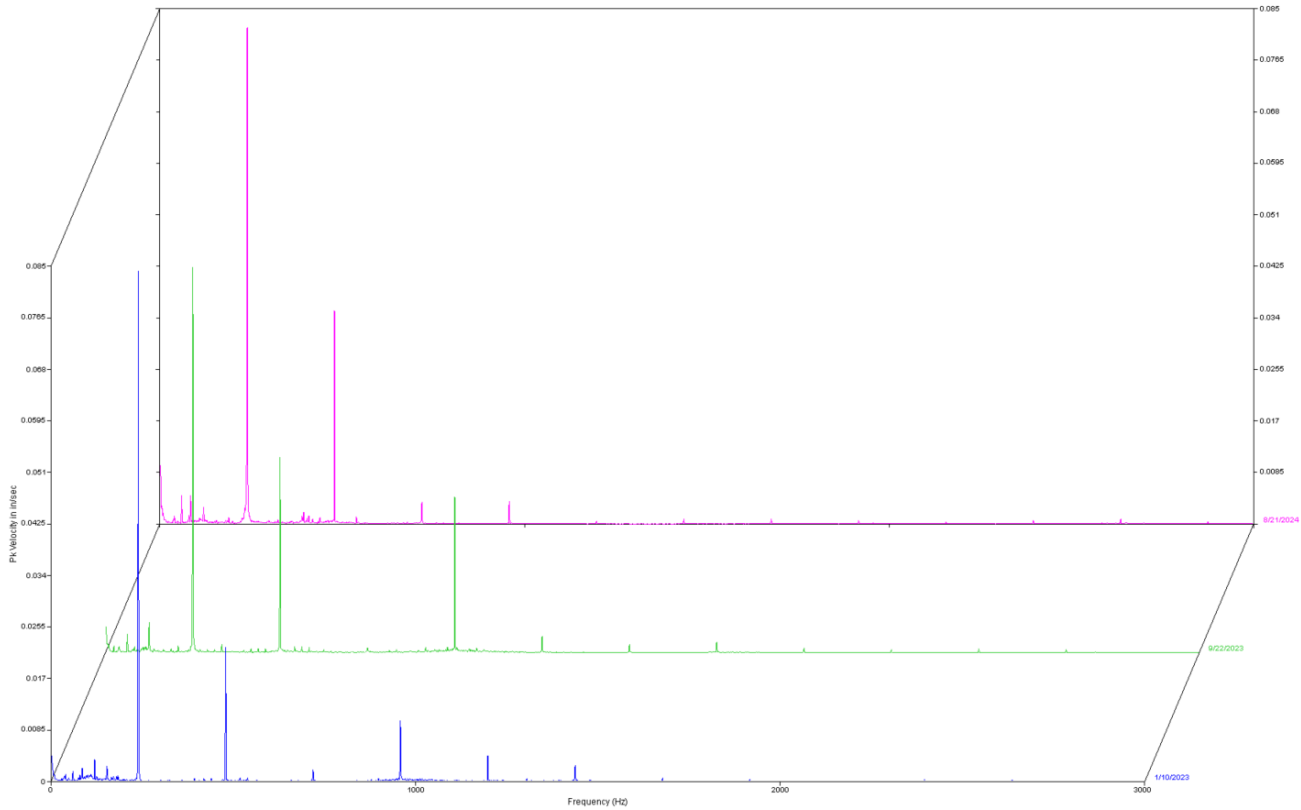


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.216
Pk(+) = 0.269
Pk(-) = 0.222
Crest = 1.758

Overall Value
- Baseline -
Value: 0.0077
1/10/2023
8:47 AM

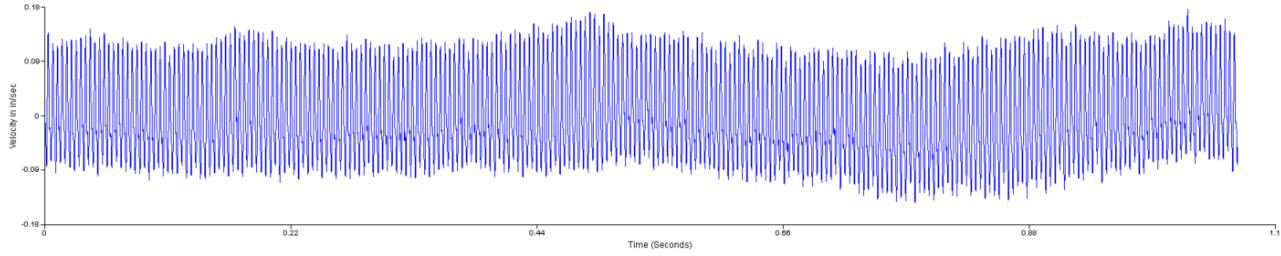


Multiple Route Spectra



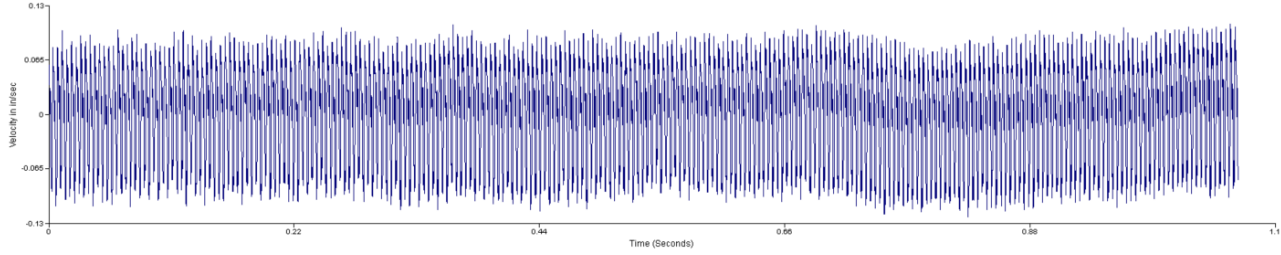
8/21/2024 10:32:48 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.120
Pk(-) = 0.176
Pk(+) = 0.144
Crest = 2.373



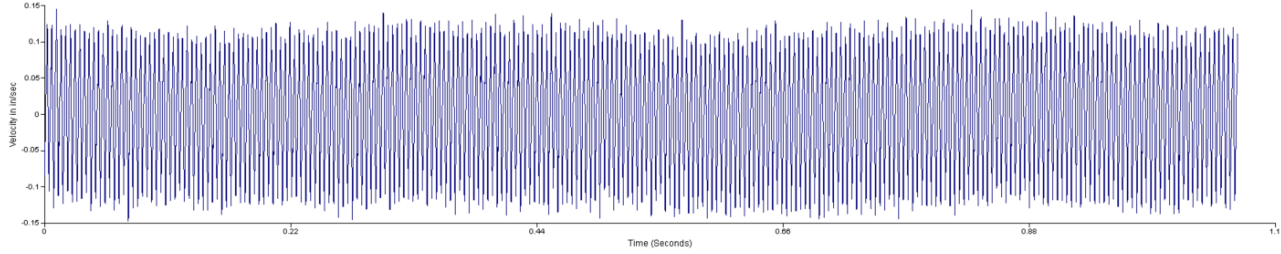
9/22/2023 10:11:18 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0868
Pk(-) = 0.138
Pk(+) = 0.123
Crest = 1.399



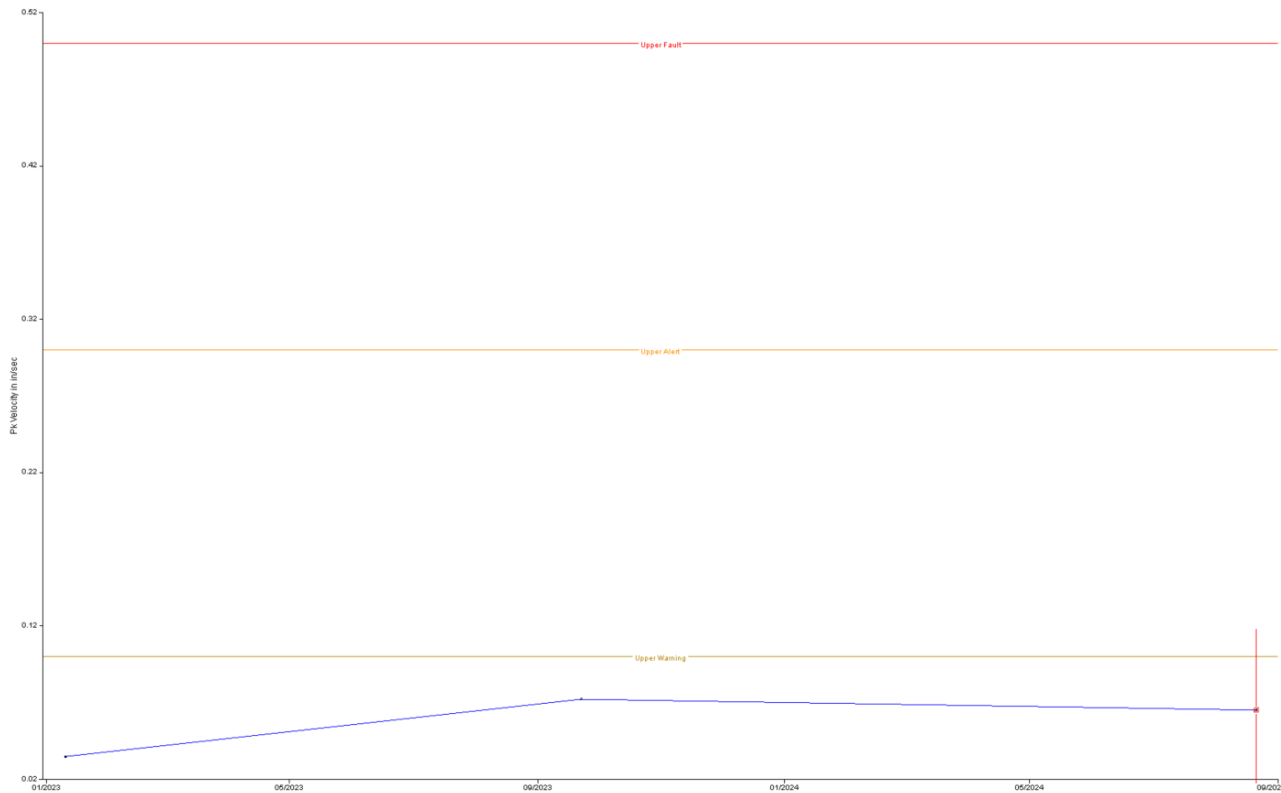
1/10/2023 8:47:40 AM

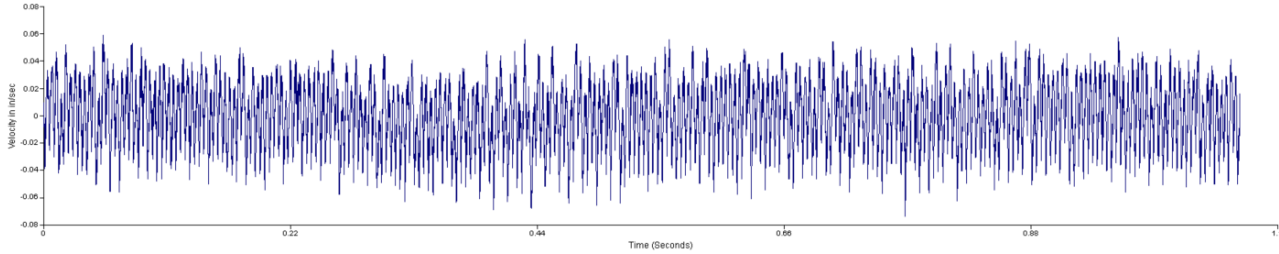
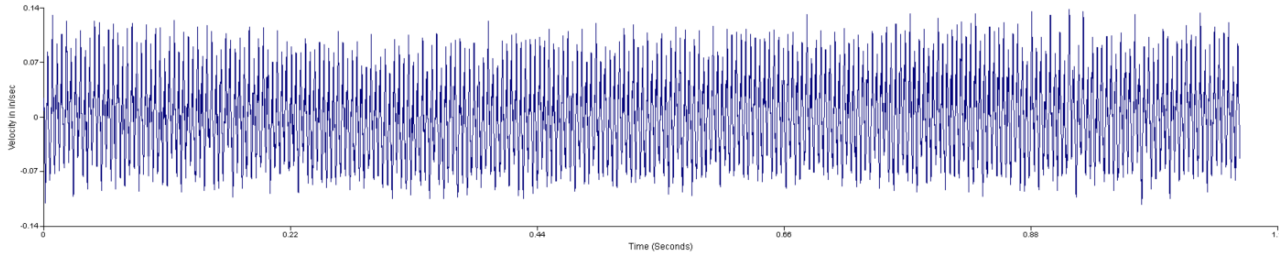
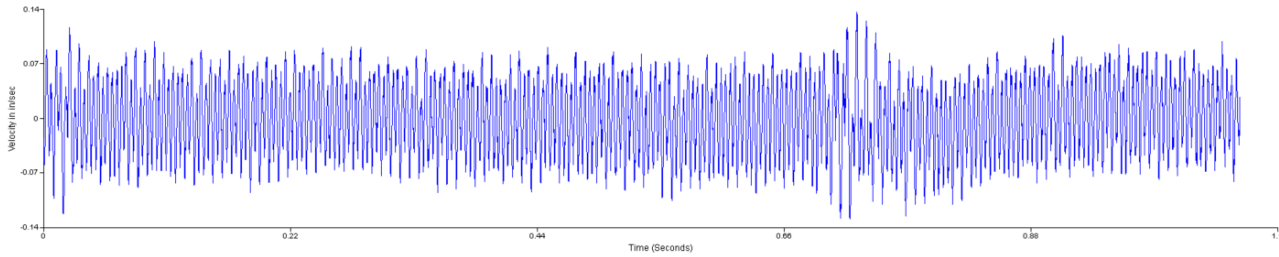
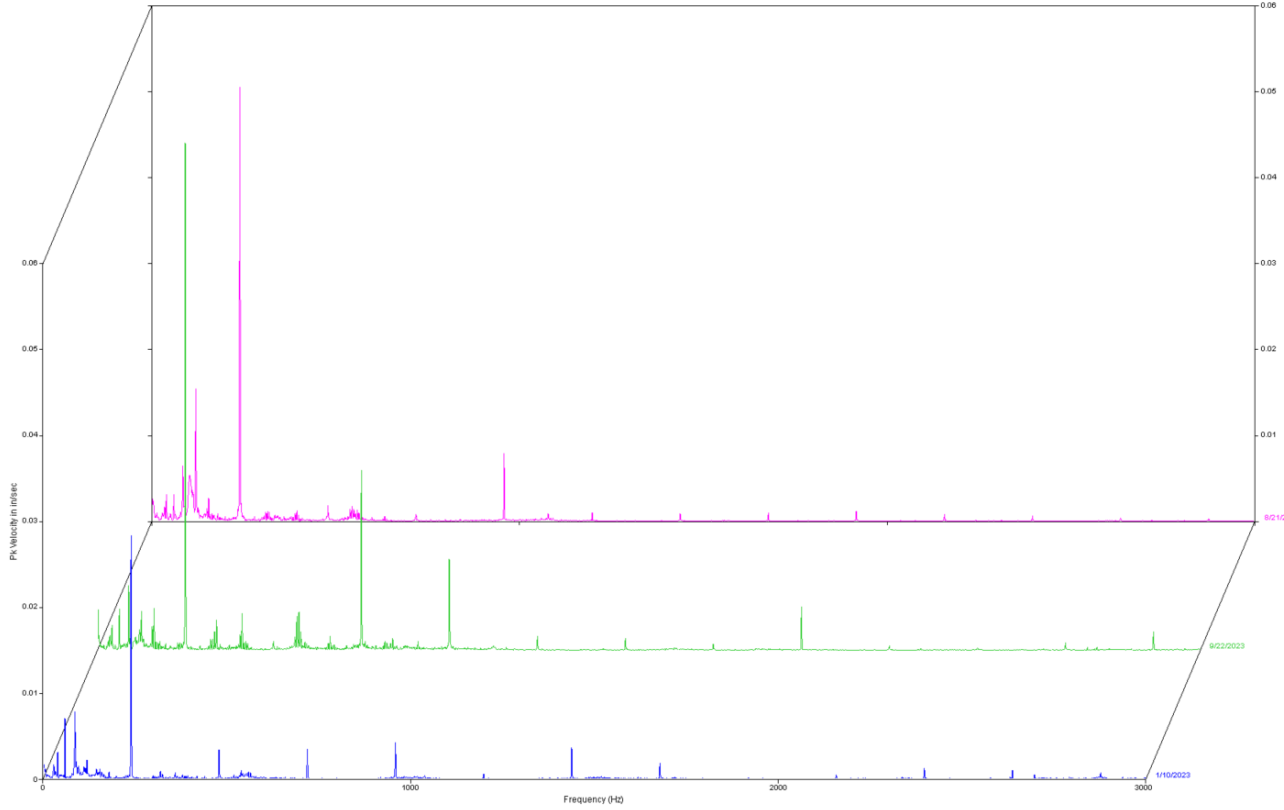
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.102
Pk(-) = 0.145
Pk(+) = 0.147
Crest = 2.038



Overall Value

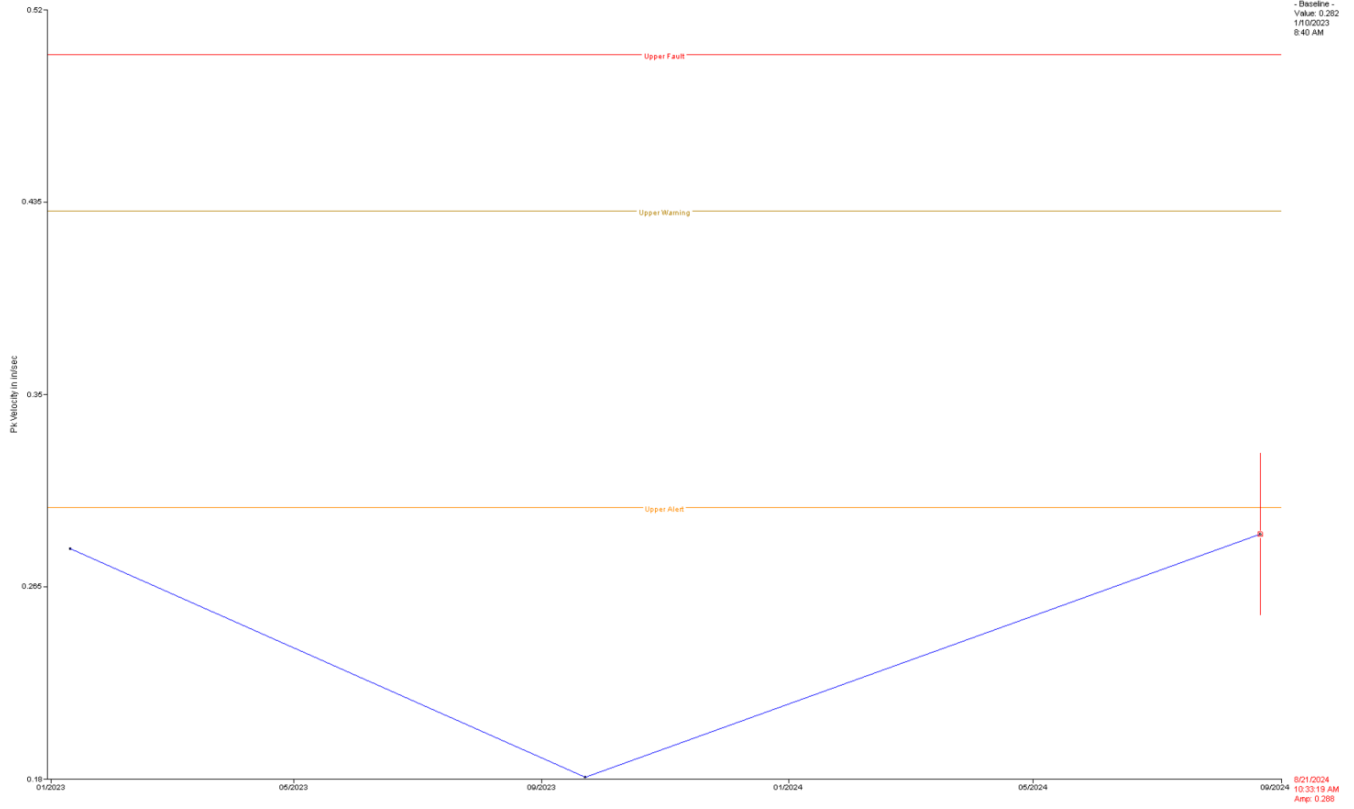
- Baseline -
Value: 0.0349
1/10/2023
8:40 AM



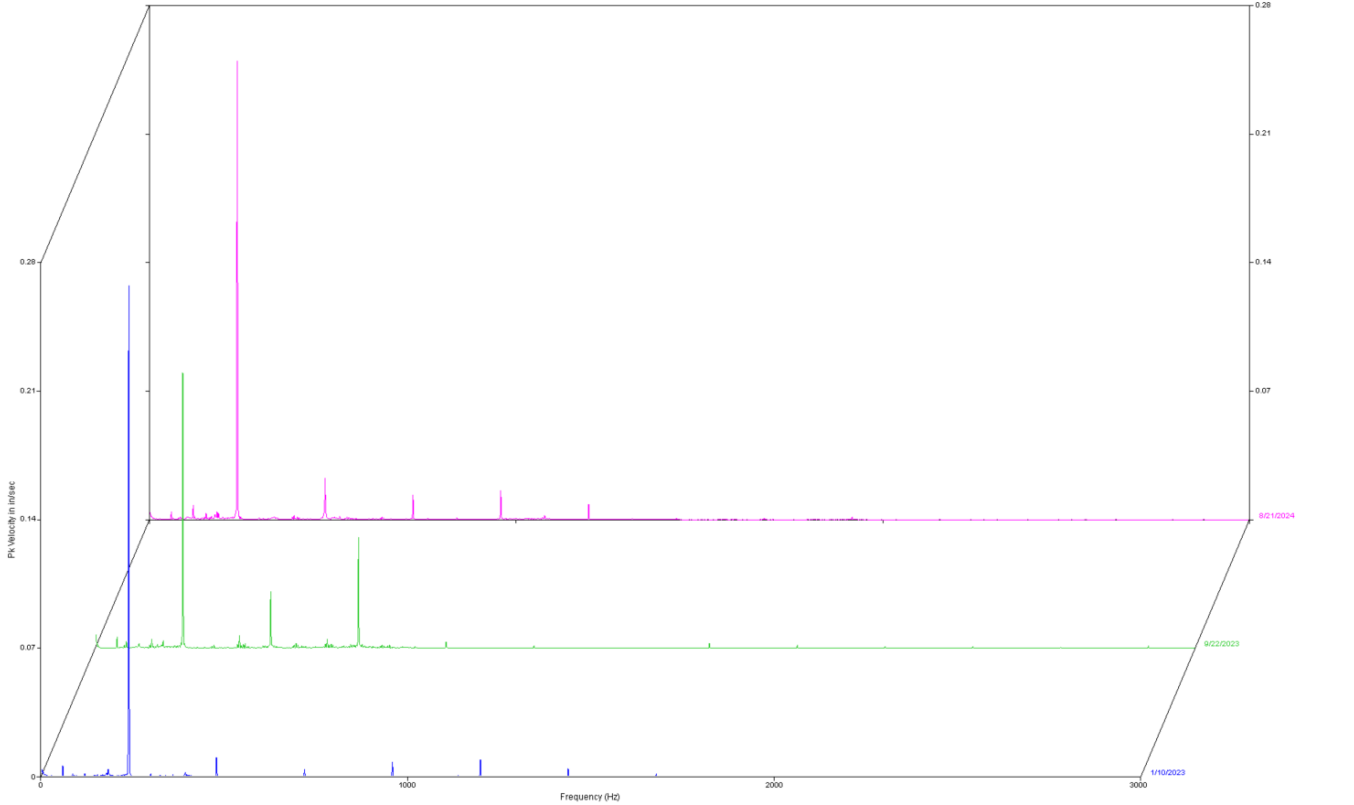




Overall Value
- Baseline -
Value: 0.262
1/10/2023
8:40 AM

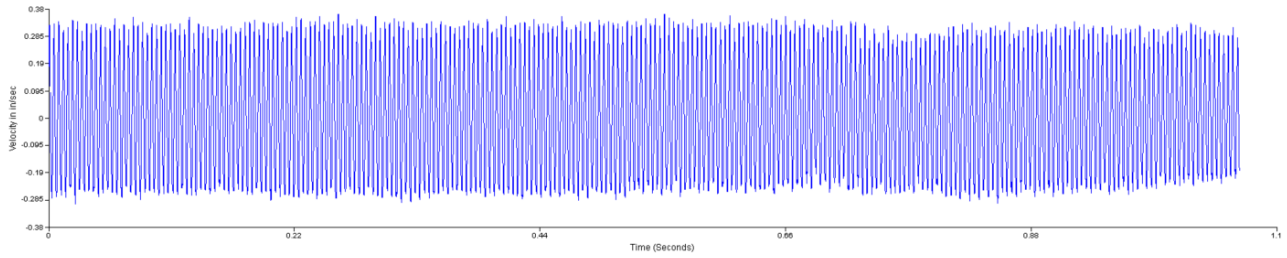


Multiple Route Spectra



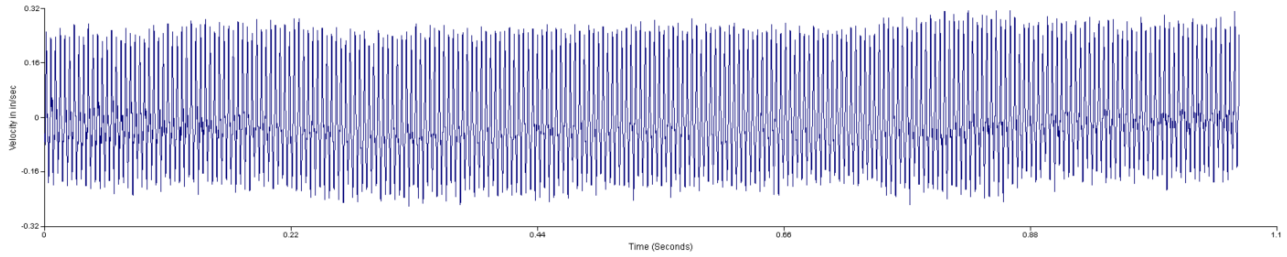
8/21/2024 10:33:19 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.276
Pk(+) = 0.264
Pk(-) = 0.298
Crest = 1.853



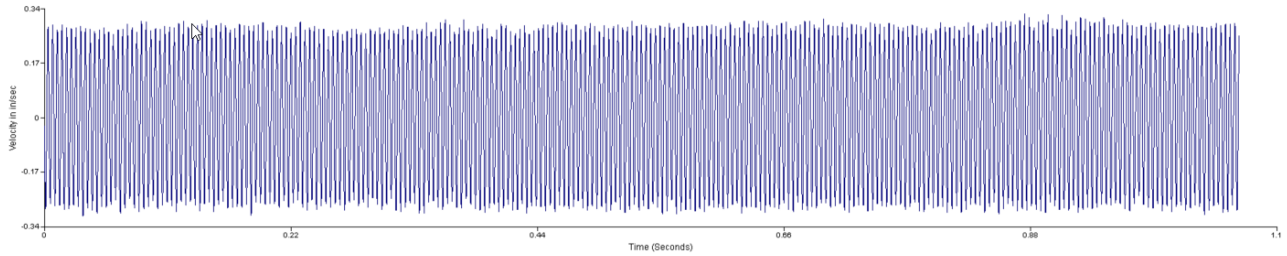
9/22/2023 10:06:45 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.187
Pk(+) = 0.315
Pk(-) = 0.259
Crest = 2.363



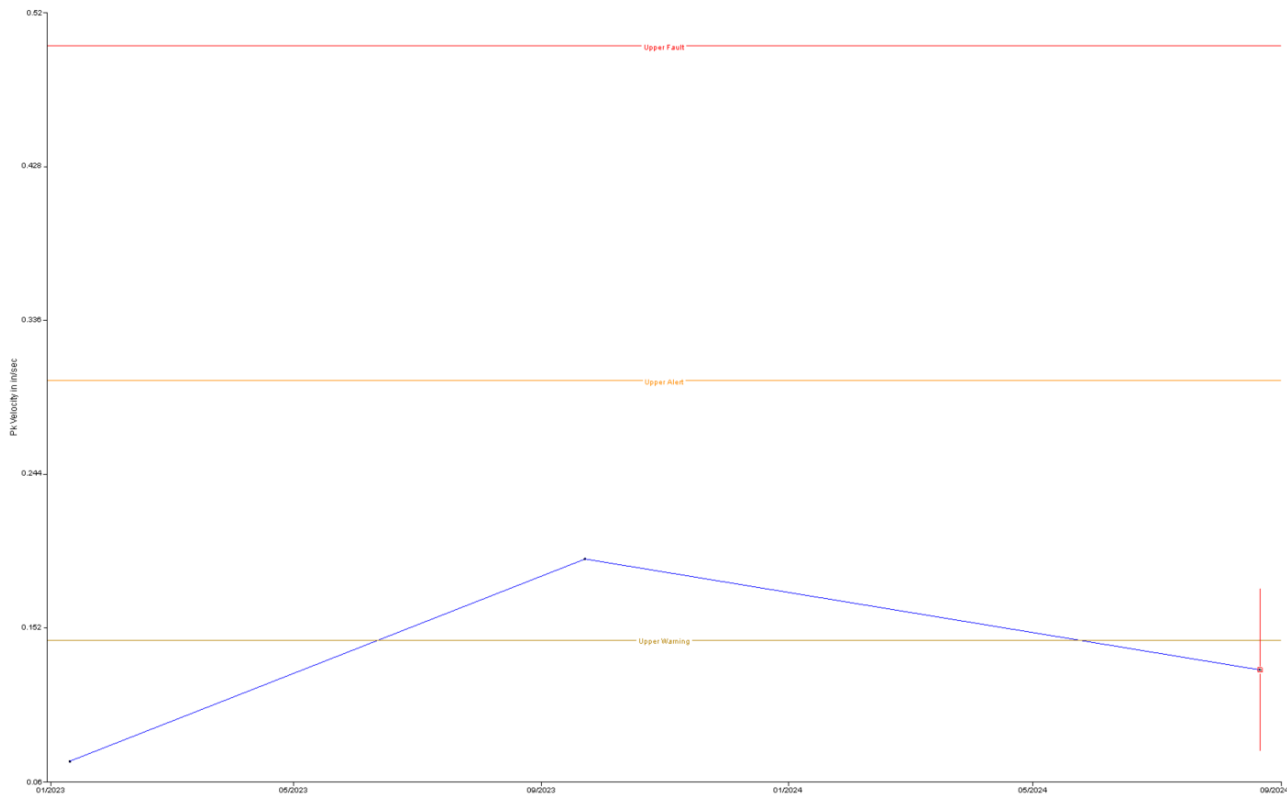
1/10/2023 8:40:12 AM

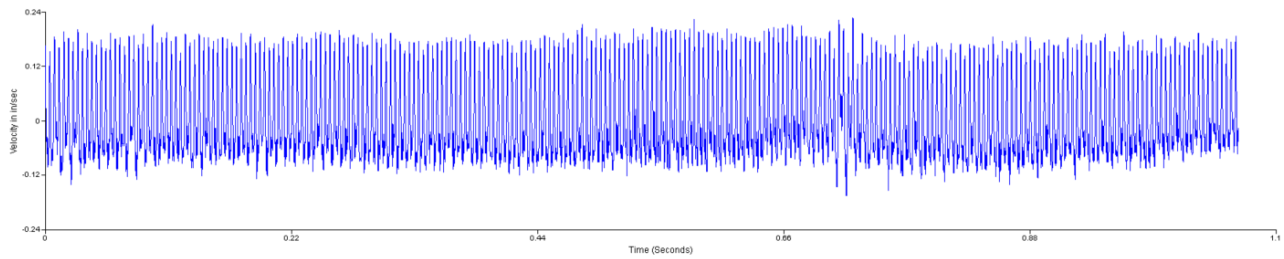
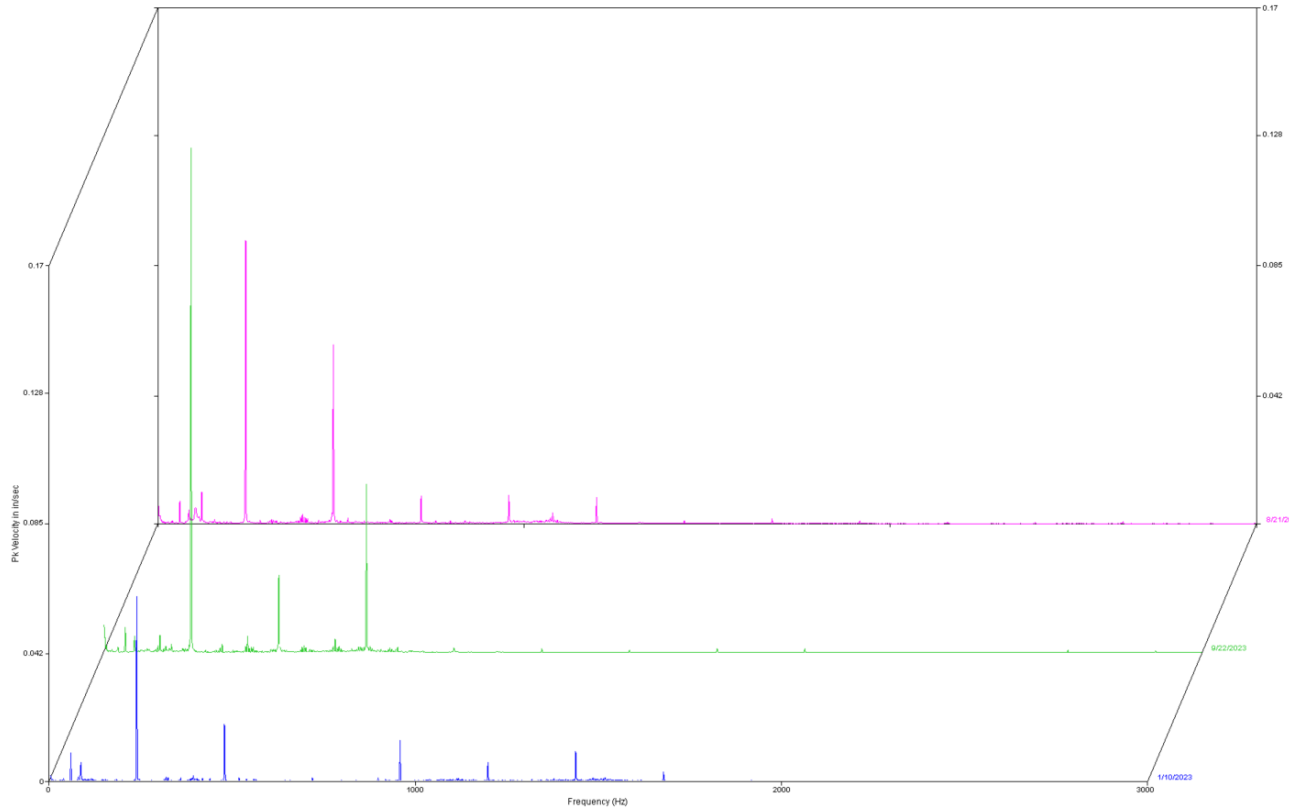
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.276
Pk(+) = 0.324
Pk(-) = 0.307
Crest = 1.858



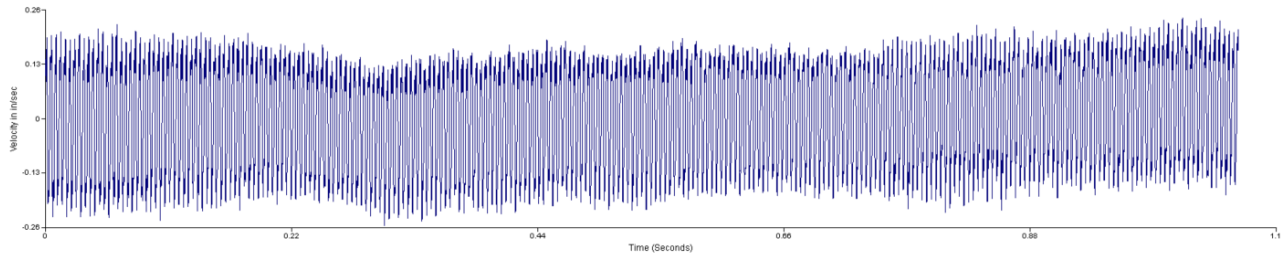
Overall Value

- Baseline -
Value: 0.0724
1/10/2023
8:40 AM

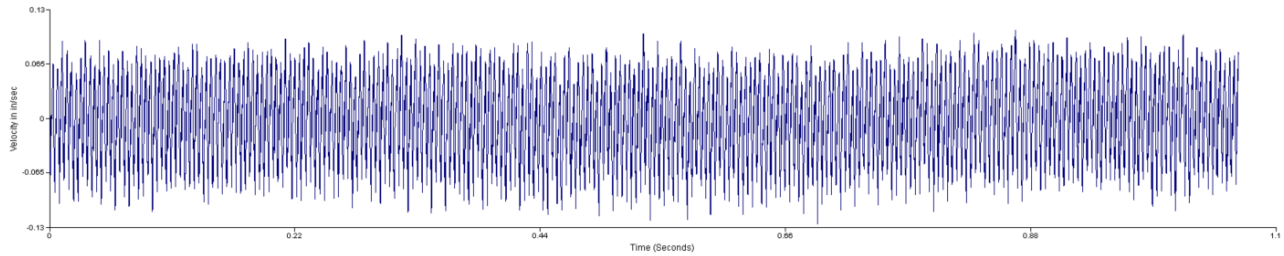




Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.125
Pk(+) = 0.227
Pk(-) = 0.166
Crest = 2.568

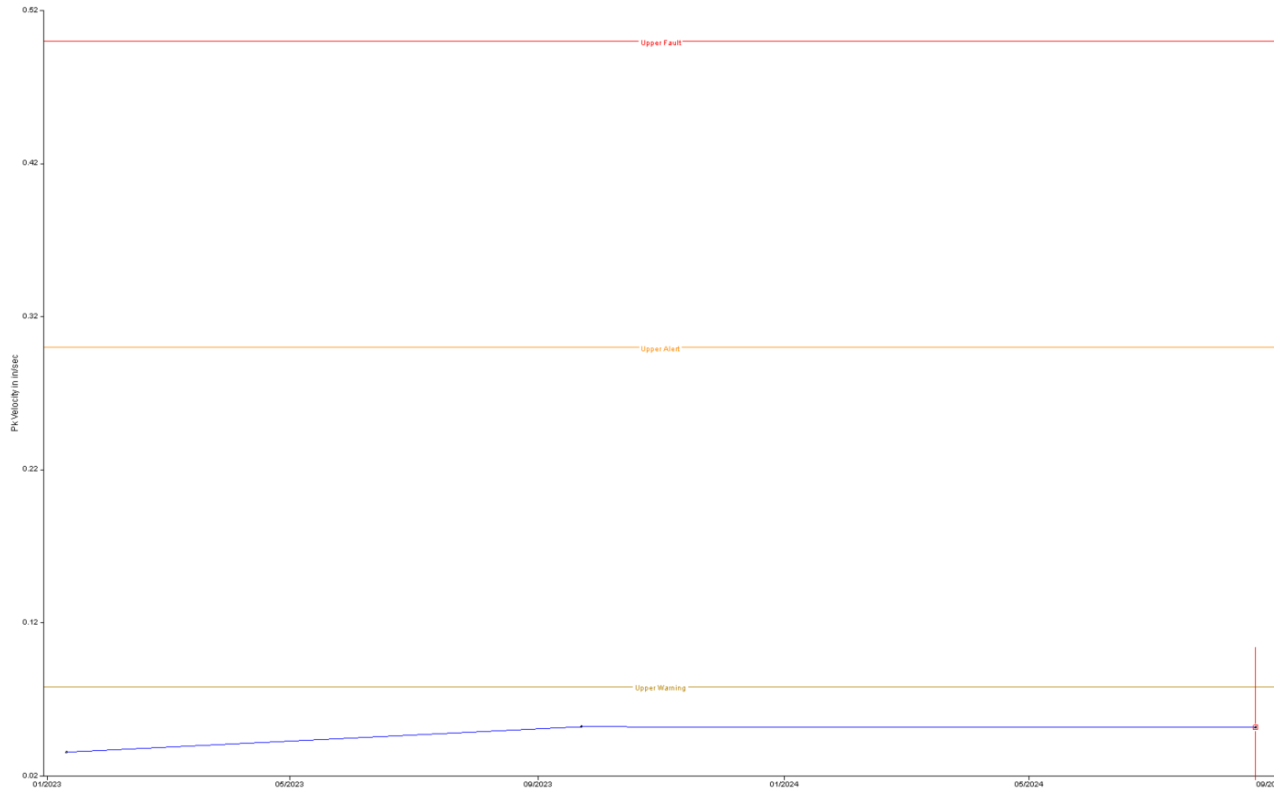


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0719
Pk(+) = 0.241
Pk(-) = 0.254
Crest = 1.952

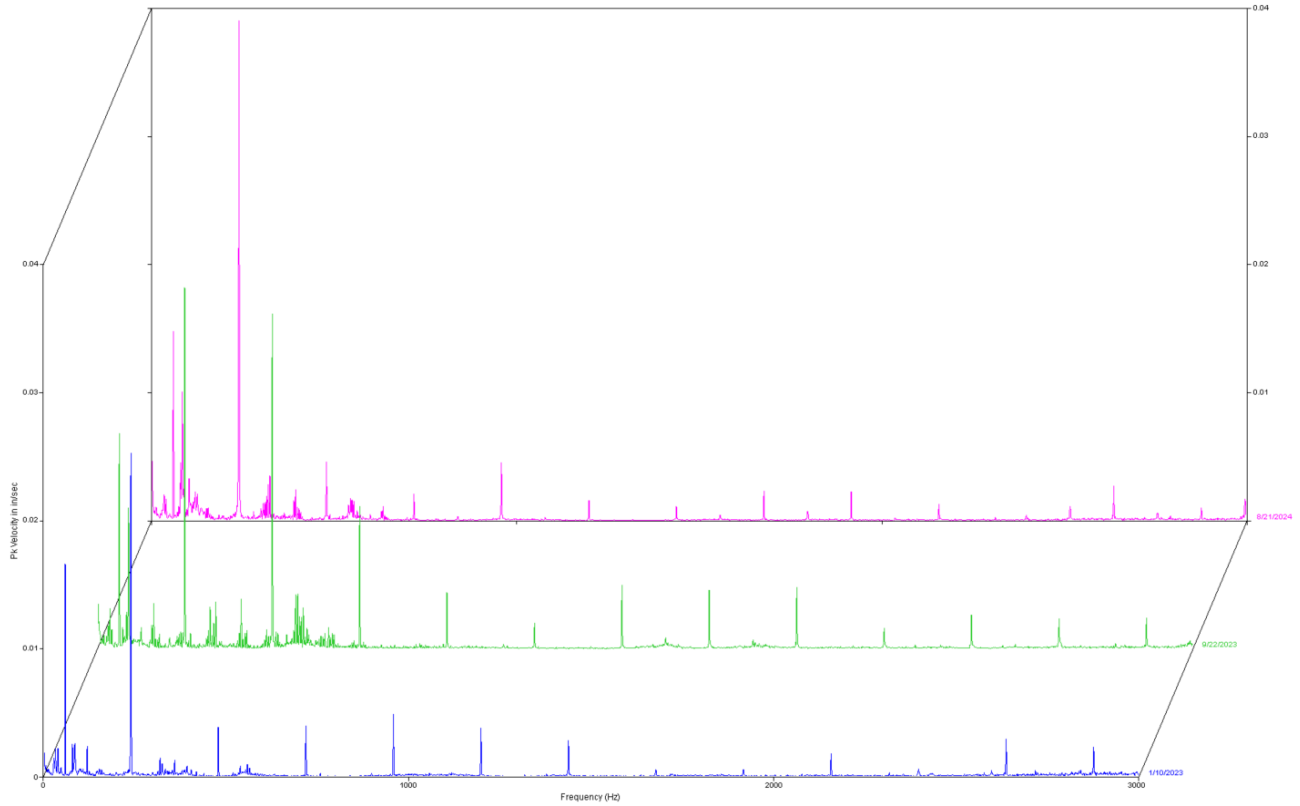


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0719
Pk(+) = 0.106
Pk(-) = 0.125
Crest = 2.469

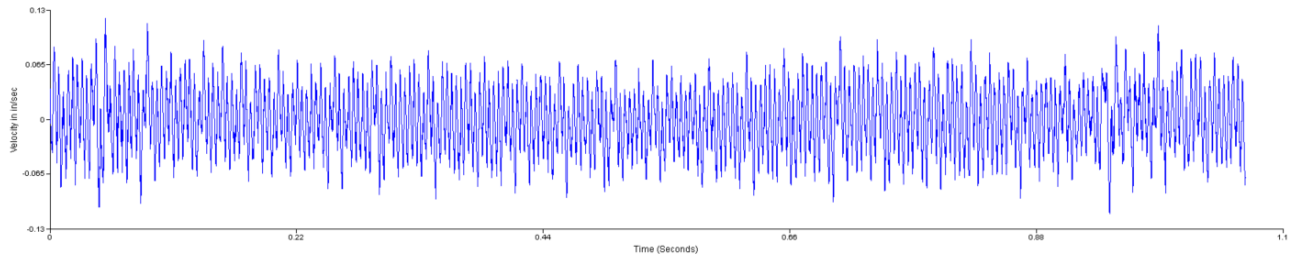
Overall Value
- Baseline -
Value: 0.0366
1/10/2023
8:45 AM



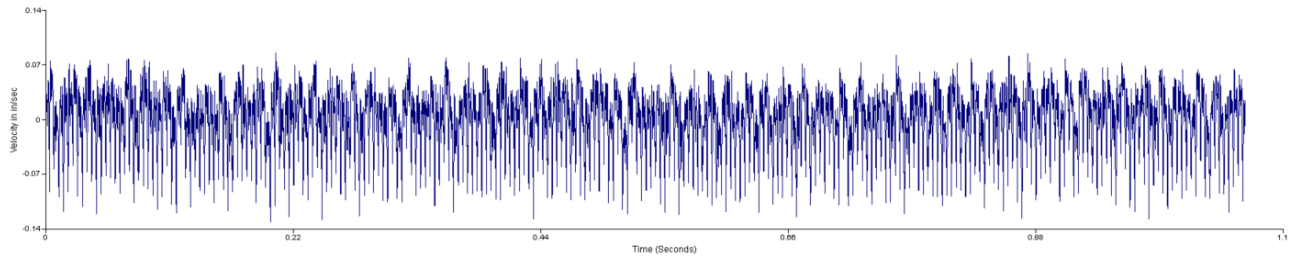
Multiple Route Spectra



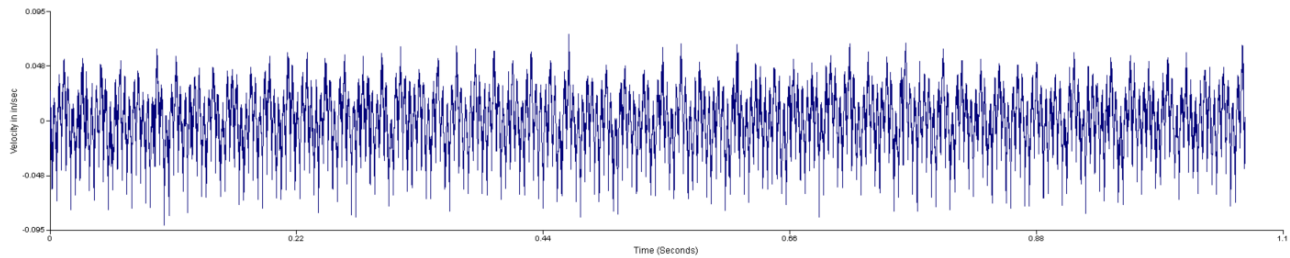
8/21/2024 10:33:52 AM



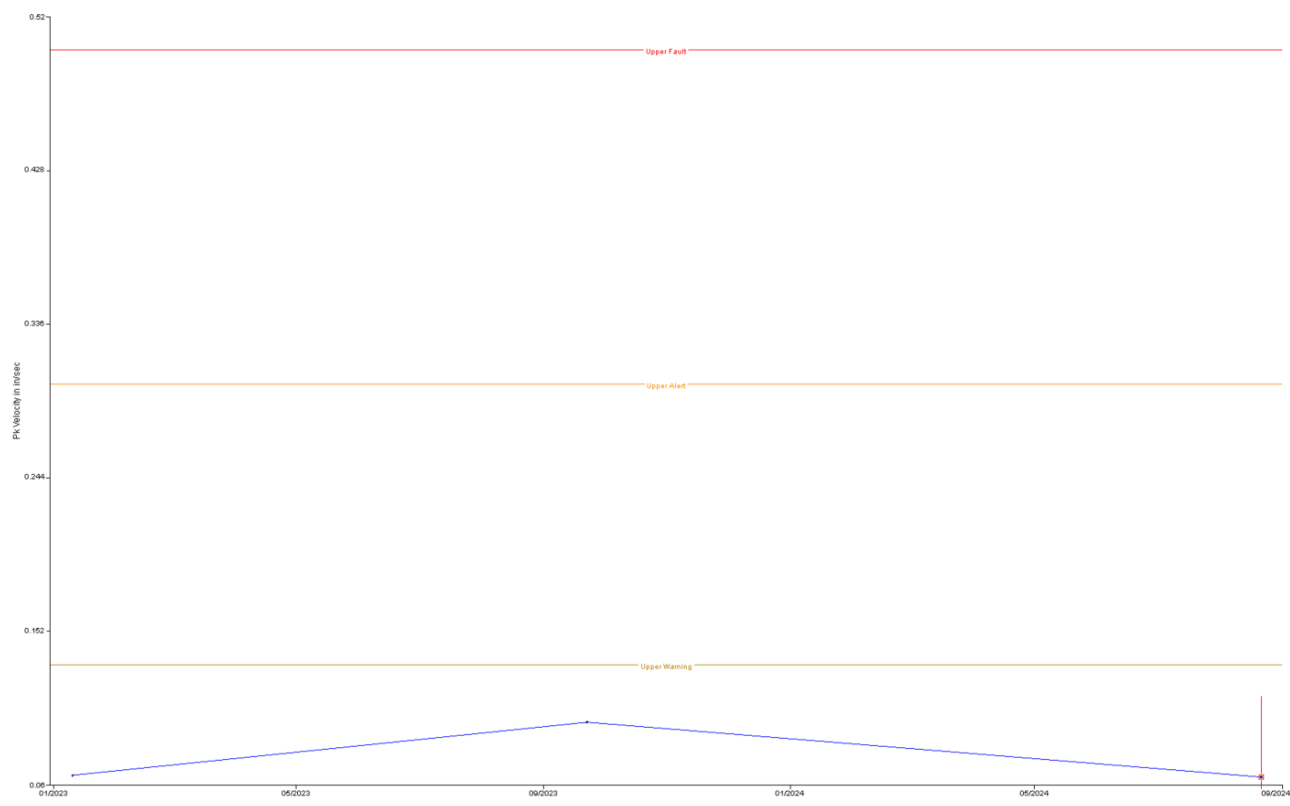
9/22/2023 10:07:02 AM

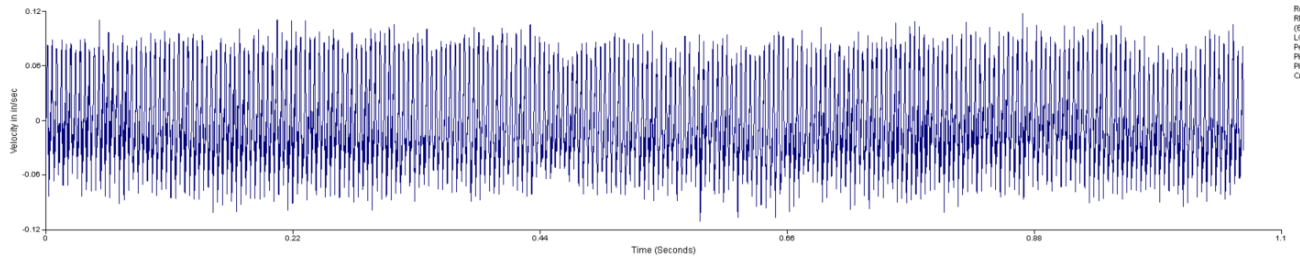
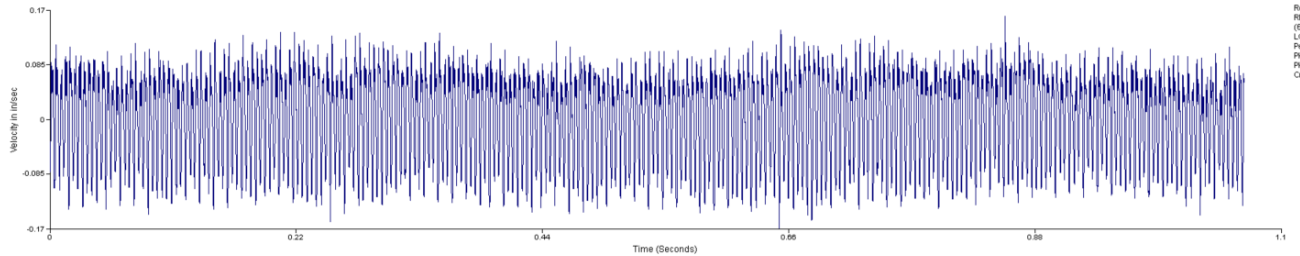
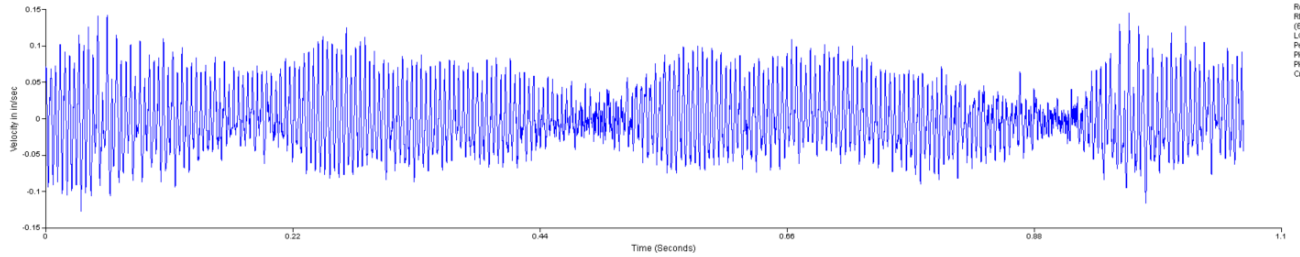
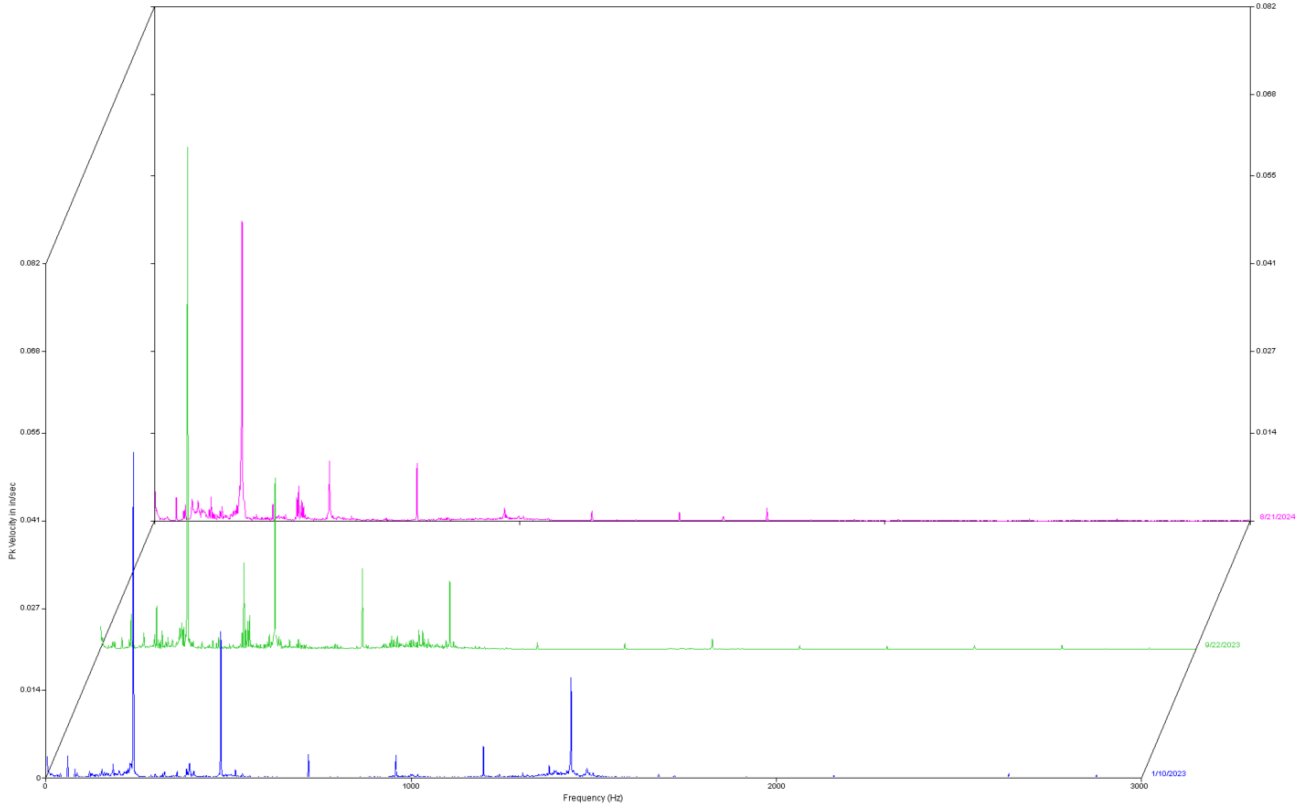


1/10/2023 8:45:21 AM

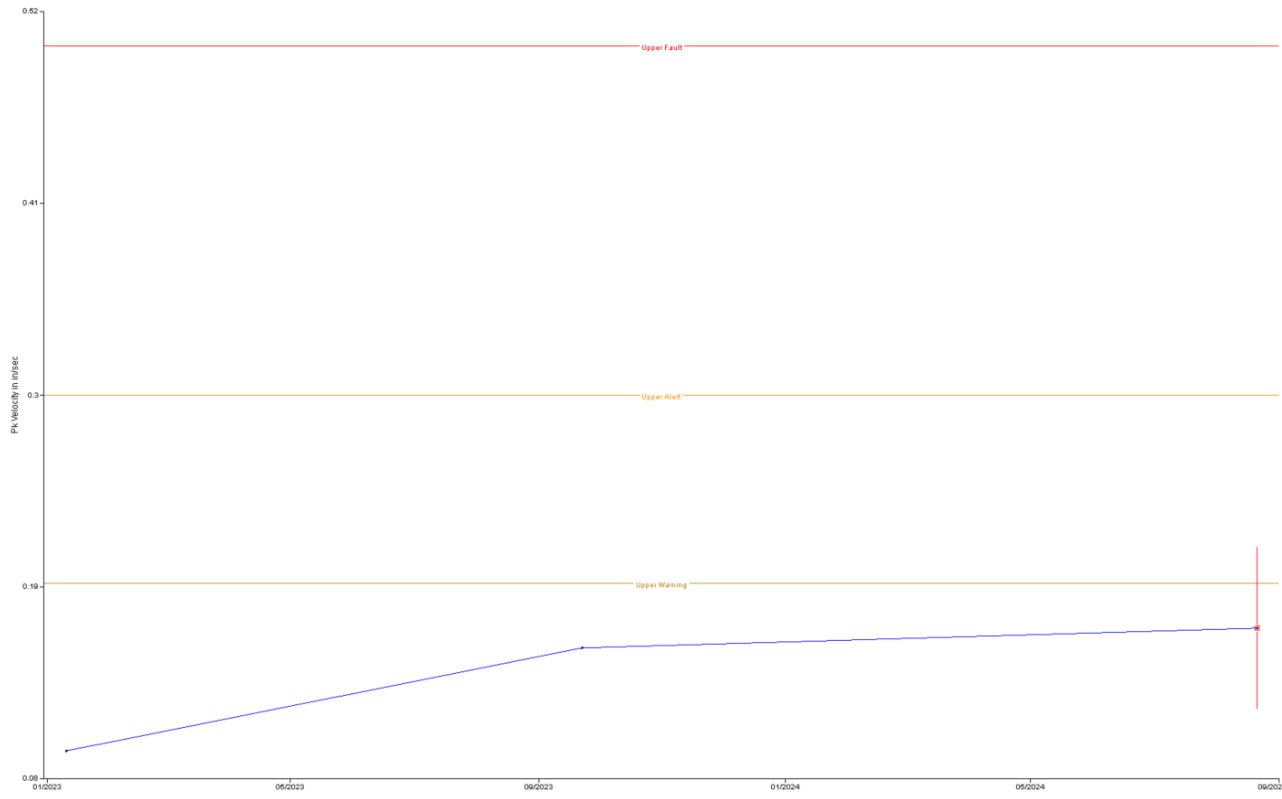


Overall Value

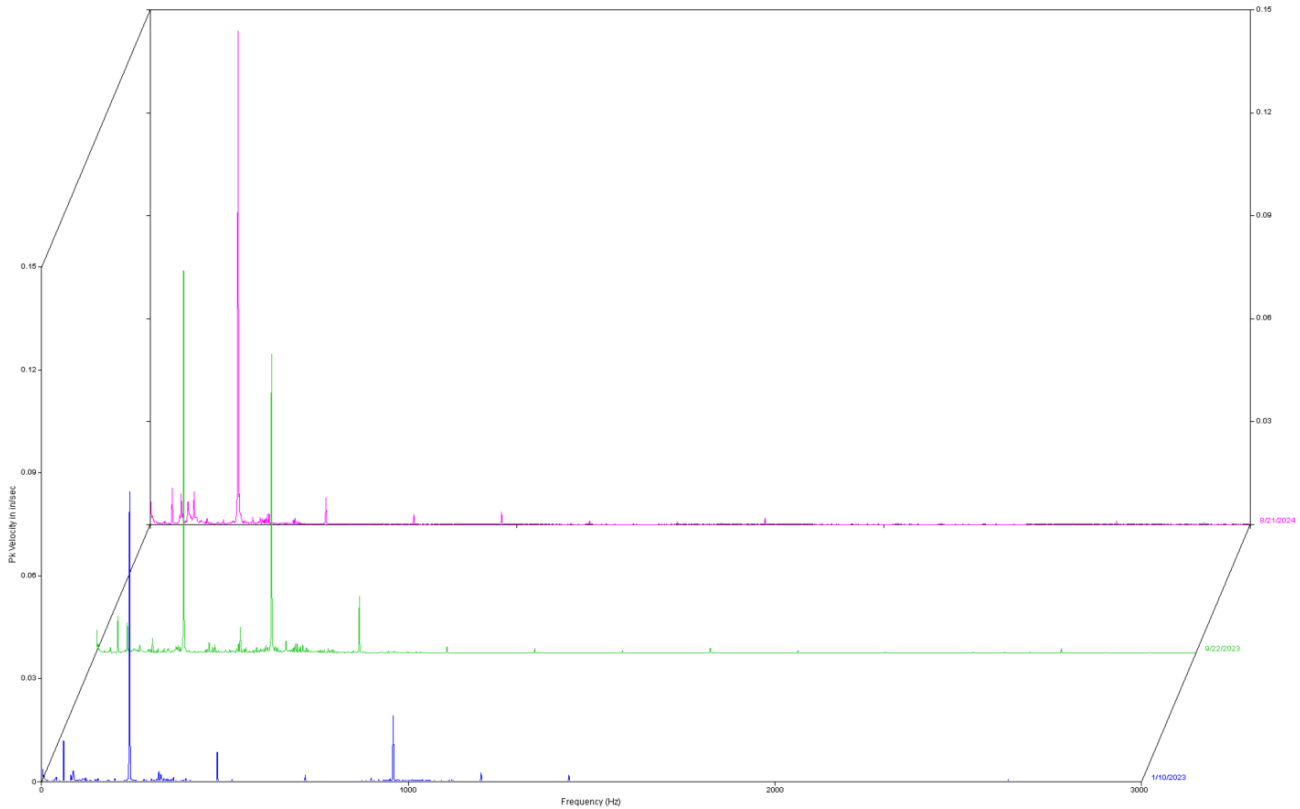




Overall Value
- Baseline -
Value: 0.0960
1/10/2023
8:45 AM

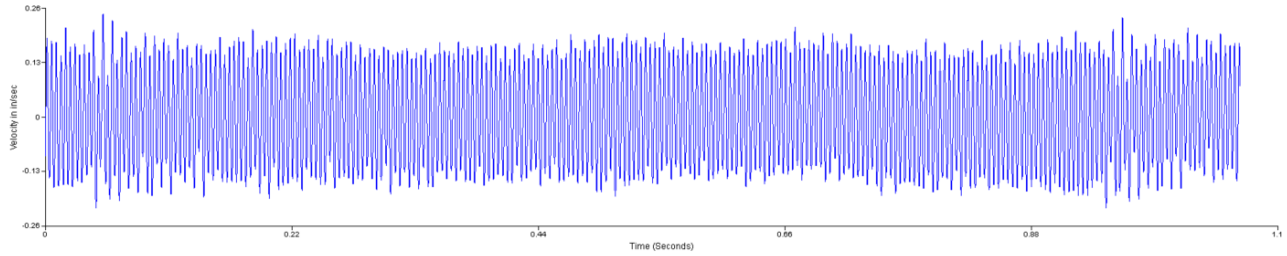


Multiple Route Spectra



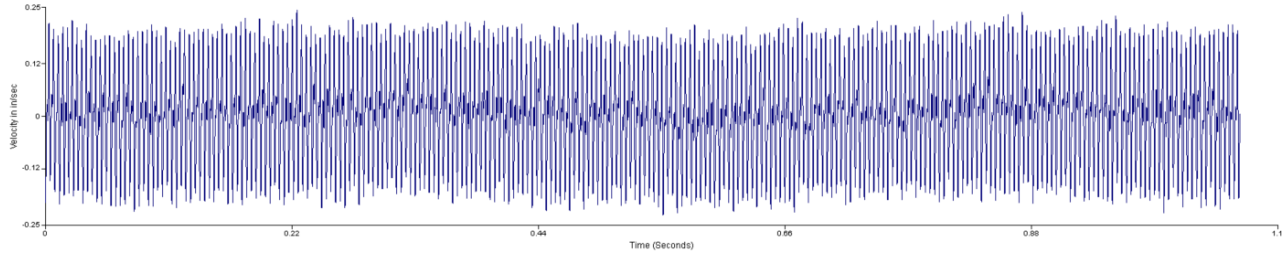
8/21/2024 10:33:52 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.162
Pk(-) = 0.246
Pk(+) = 0.218
Crest = 2.146



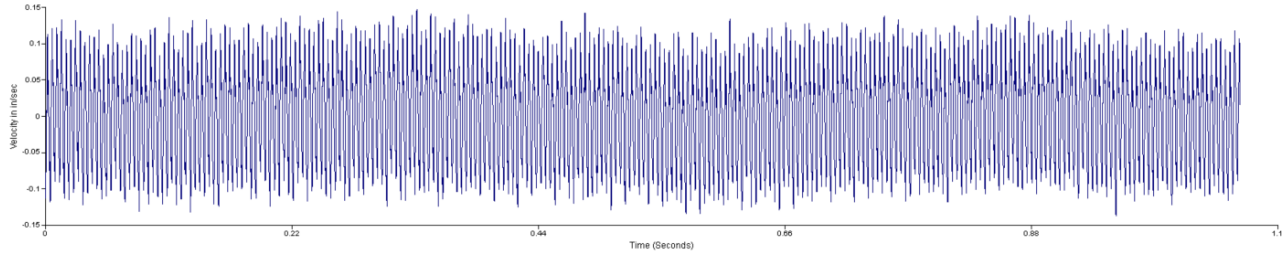
9/22/2023 10:07:02 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.155
Pk(-) = 0.244
Pk(+) = 0.227
Crest = 2.276



1/10/2023 8:45:21 AM

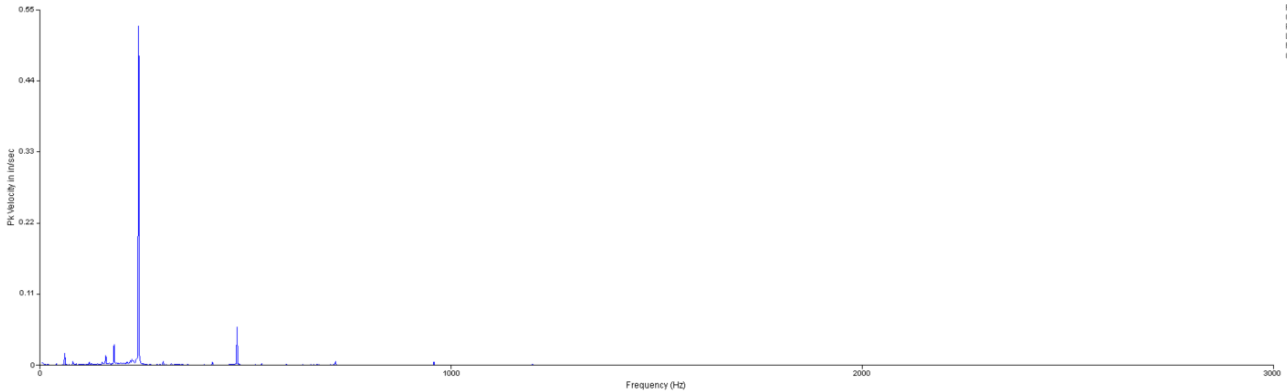
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0956
Pk(-) = 0.147
Pk(+) = 0.137
Crest = 2.181



Piping at Bottom Side of Compressor (DISCHARGE) (off route point) Horizontal position

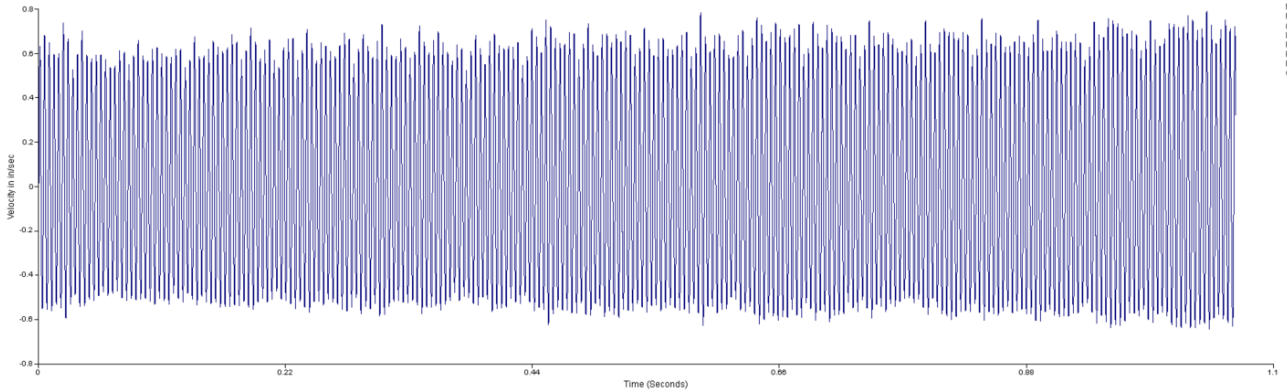
9/22/2023 10:12:21 AM

Route
0.615 V-G
Pk = 0.615
LOAD = 100.00
RPM = 3600.0
(60.00 Hz)

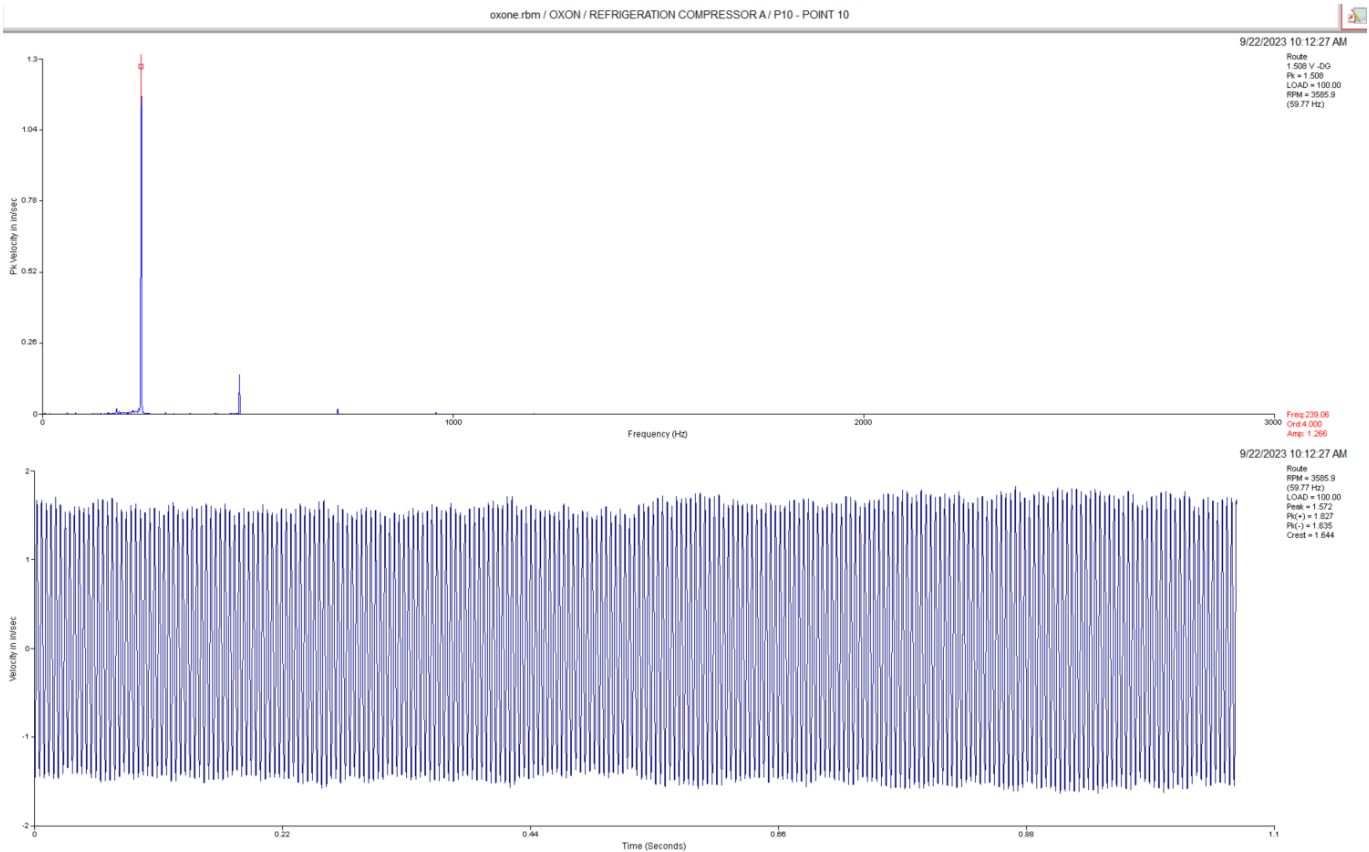


9/22/2023 10:12:21 AM

Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.606
Pk(-) = 0.791
Pk(+) = 0.644
Crest = 1.945

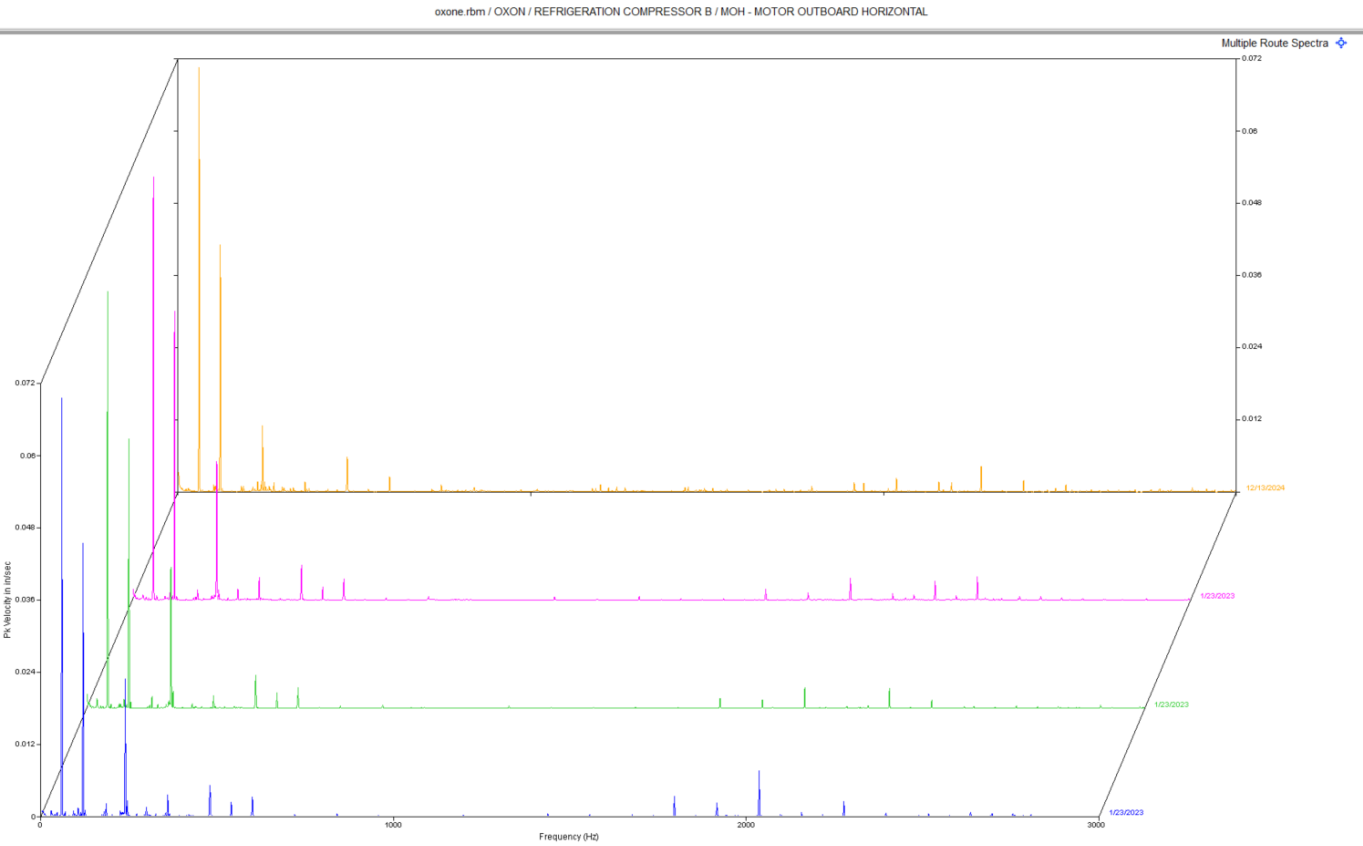
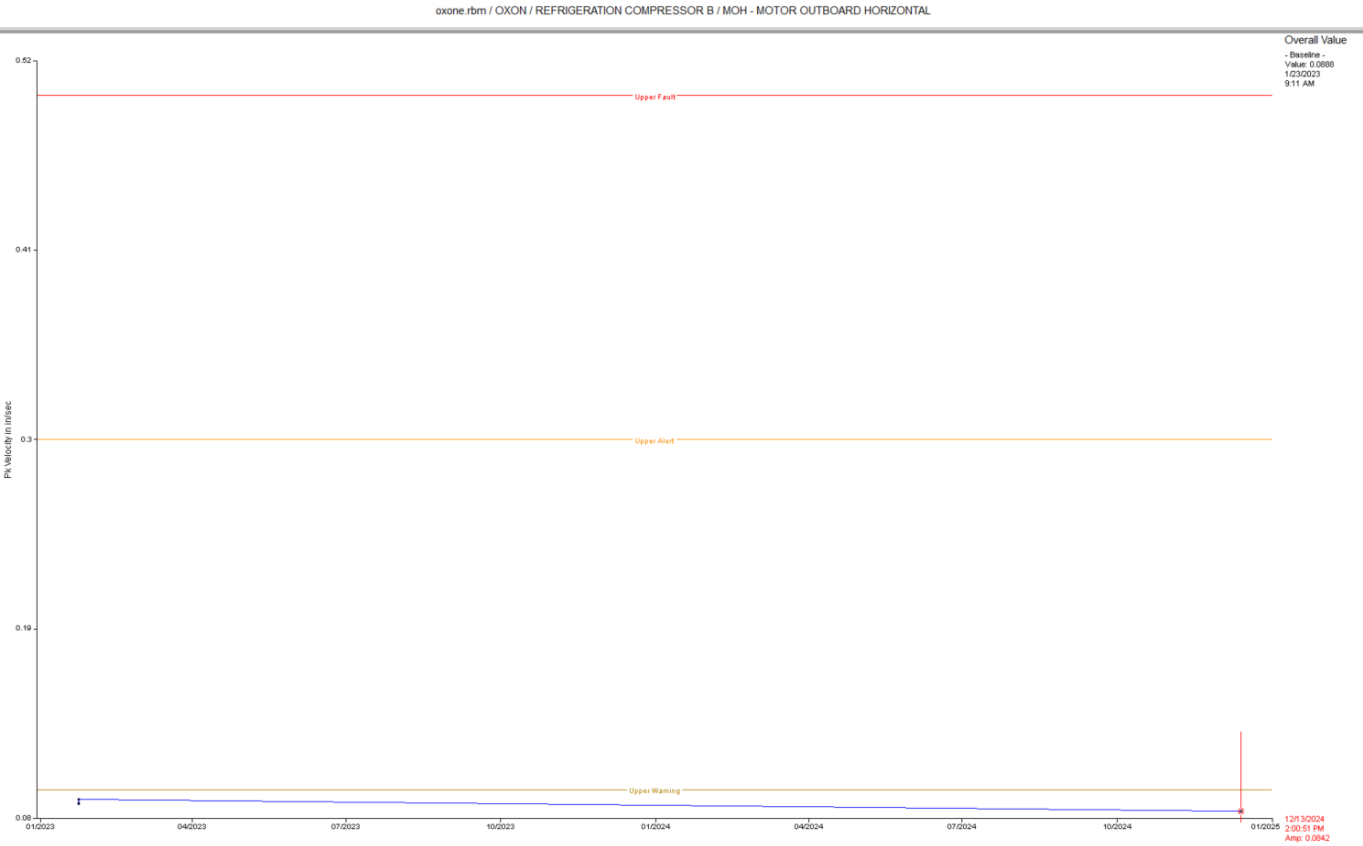


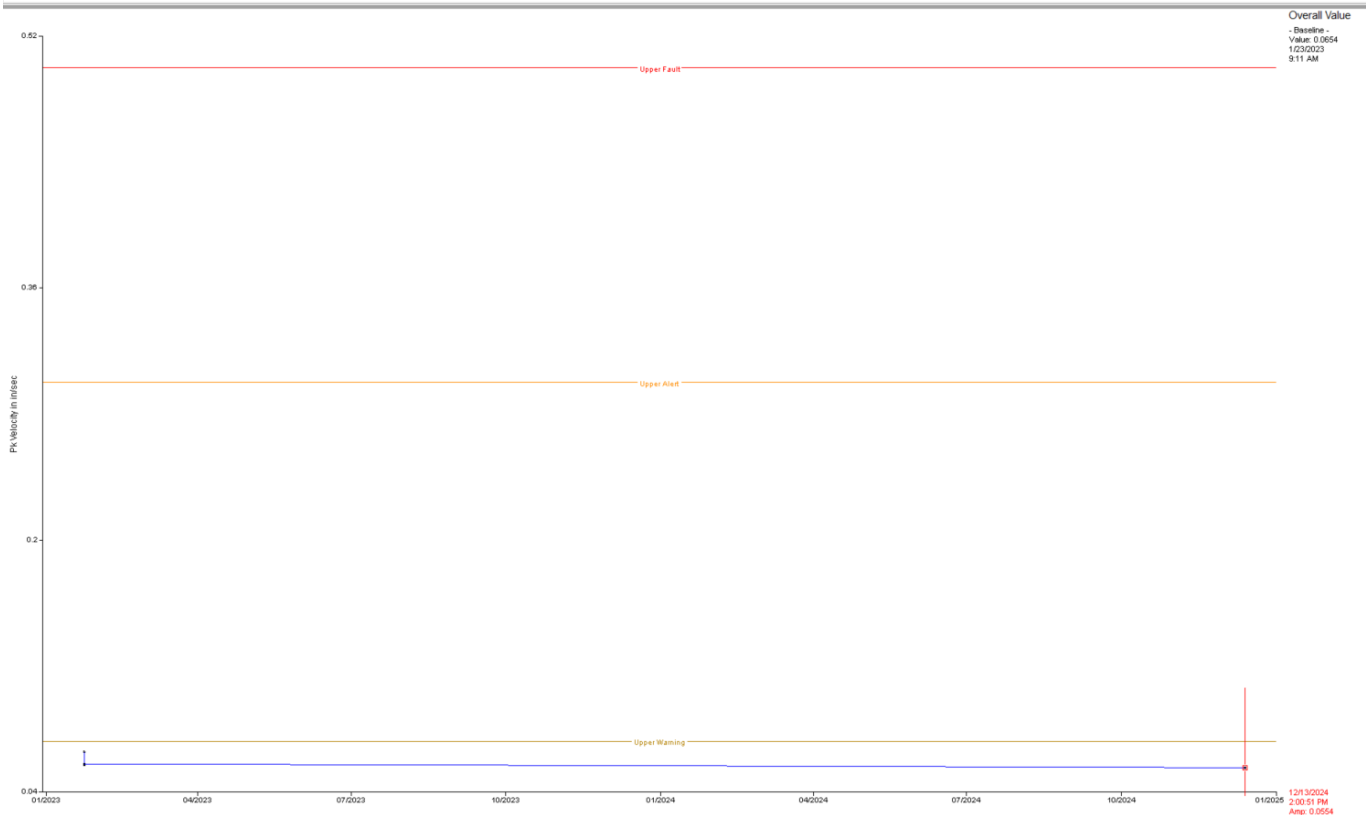
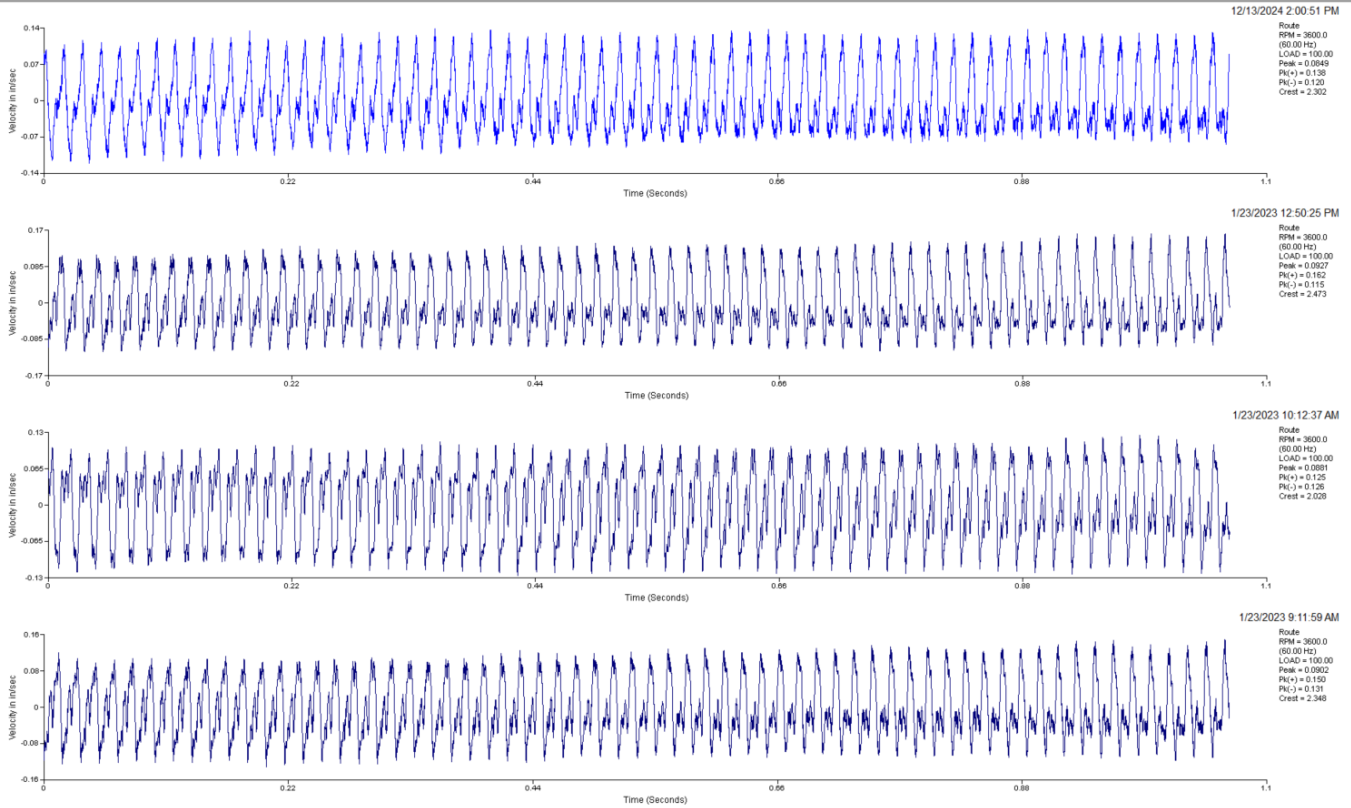
Piping at Bottom Side of Compressor DISCHARGE (off route point) Vertical position

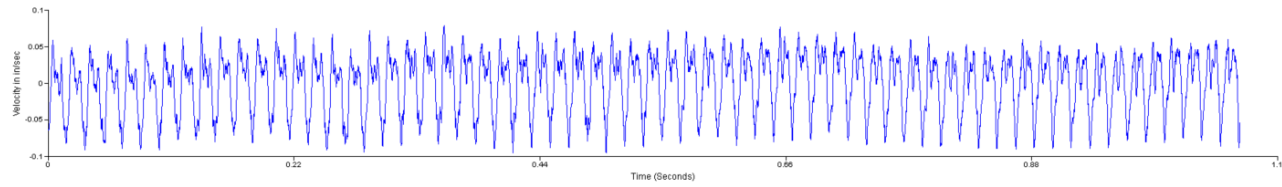
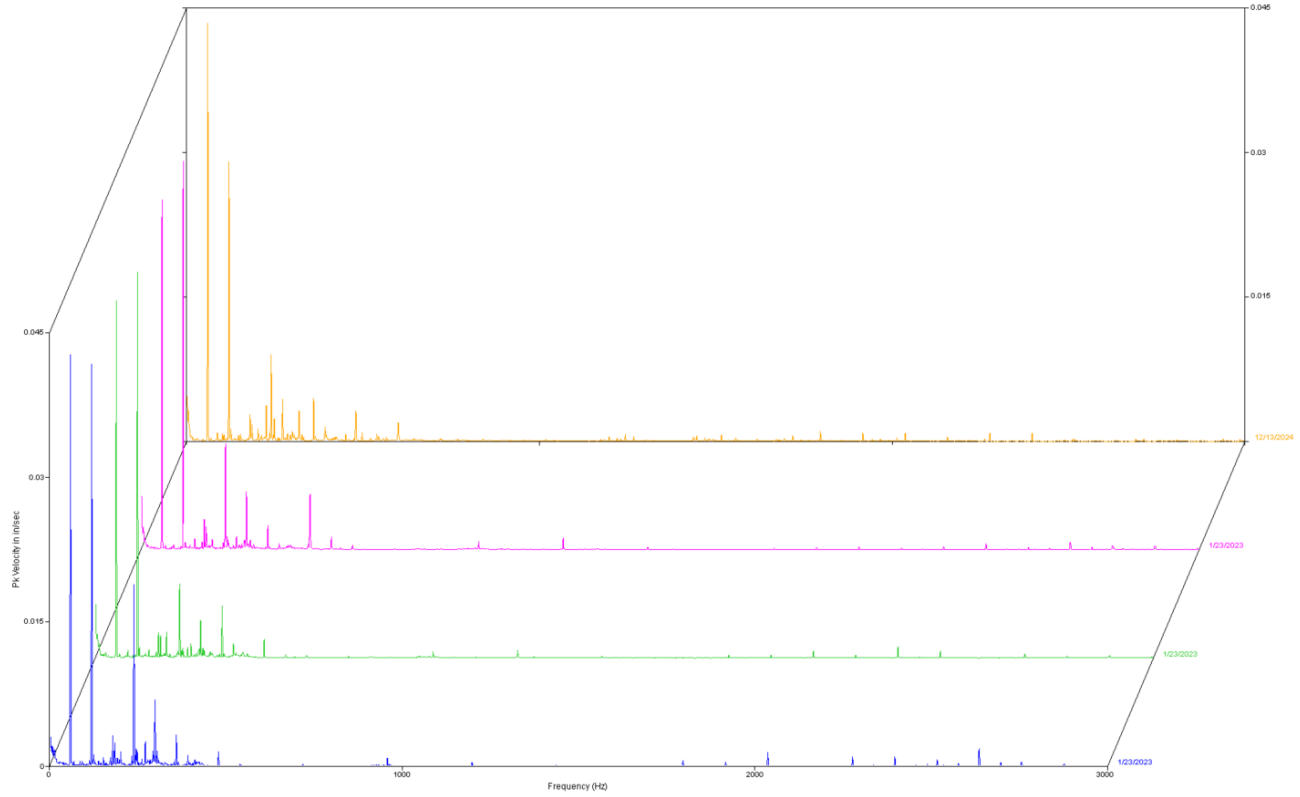


Note that we only have one set of data for these points.

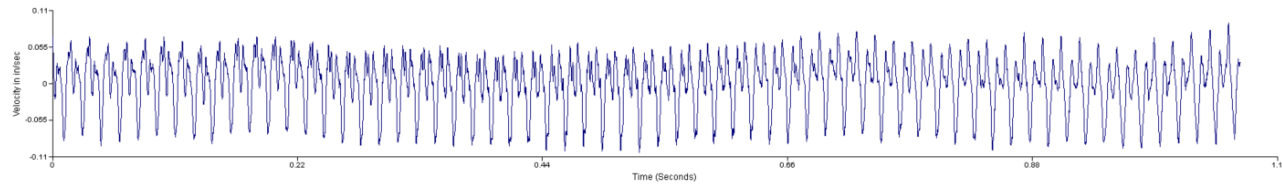
Compressor B



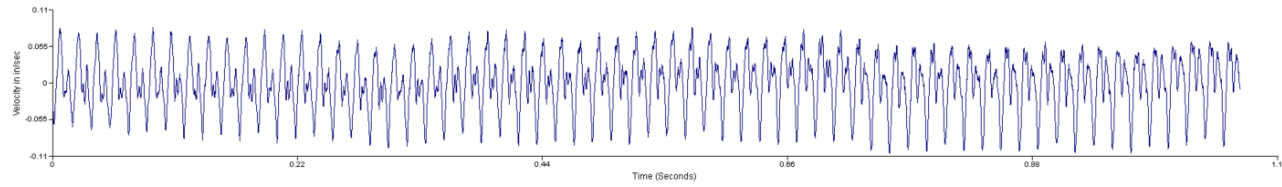




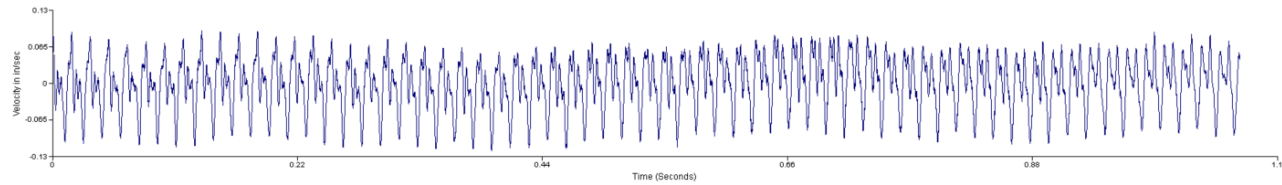
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0568
PK(+) = 0.0785
PK(-) = 0.0952
Crest = 2.373



Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0562
PK(+) = 0.0900
PK(-) = 0.104
Crest = 2.522

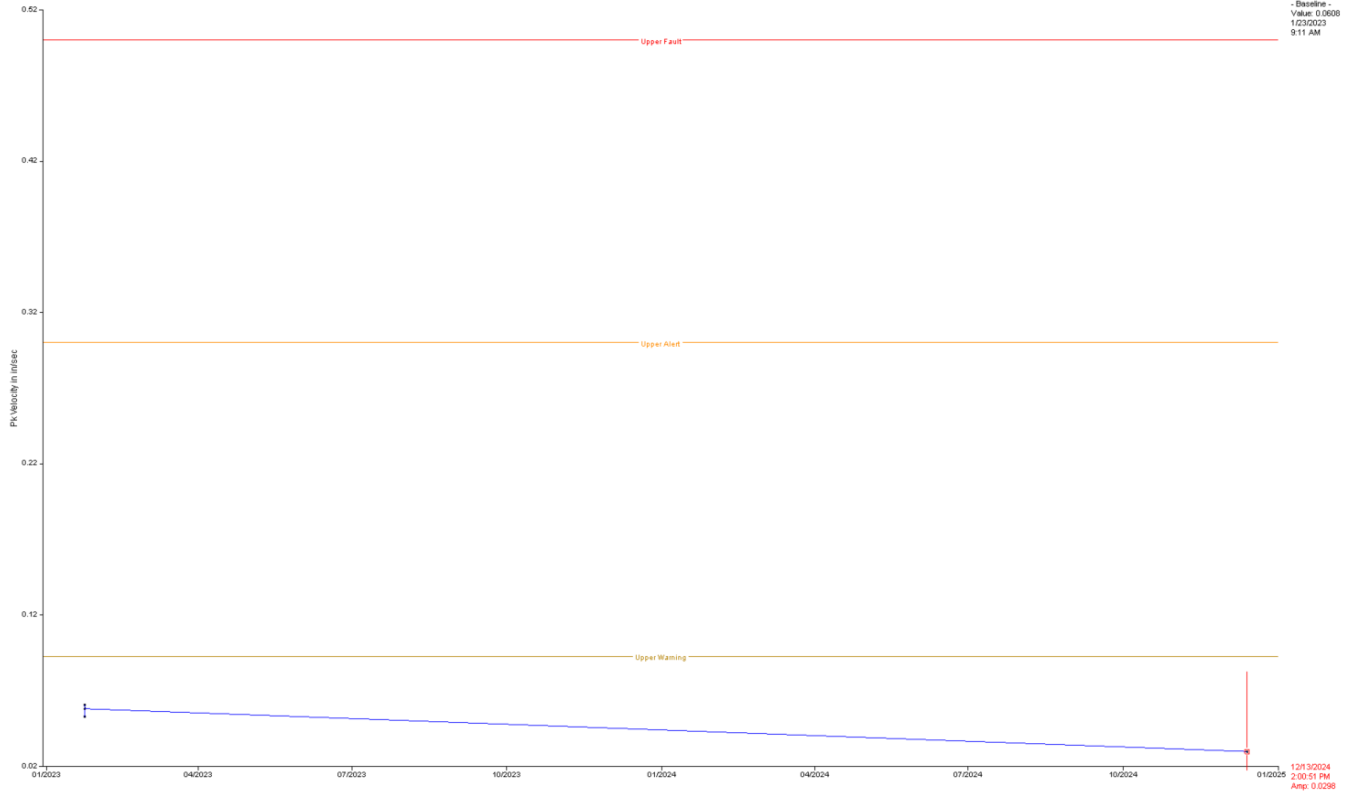


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0583
PK(+) = 0.0940
PK(-) = 0.104
Crest = 2.559

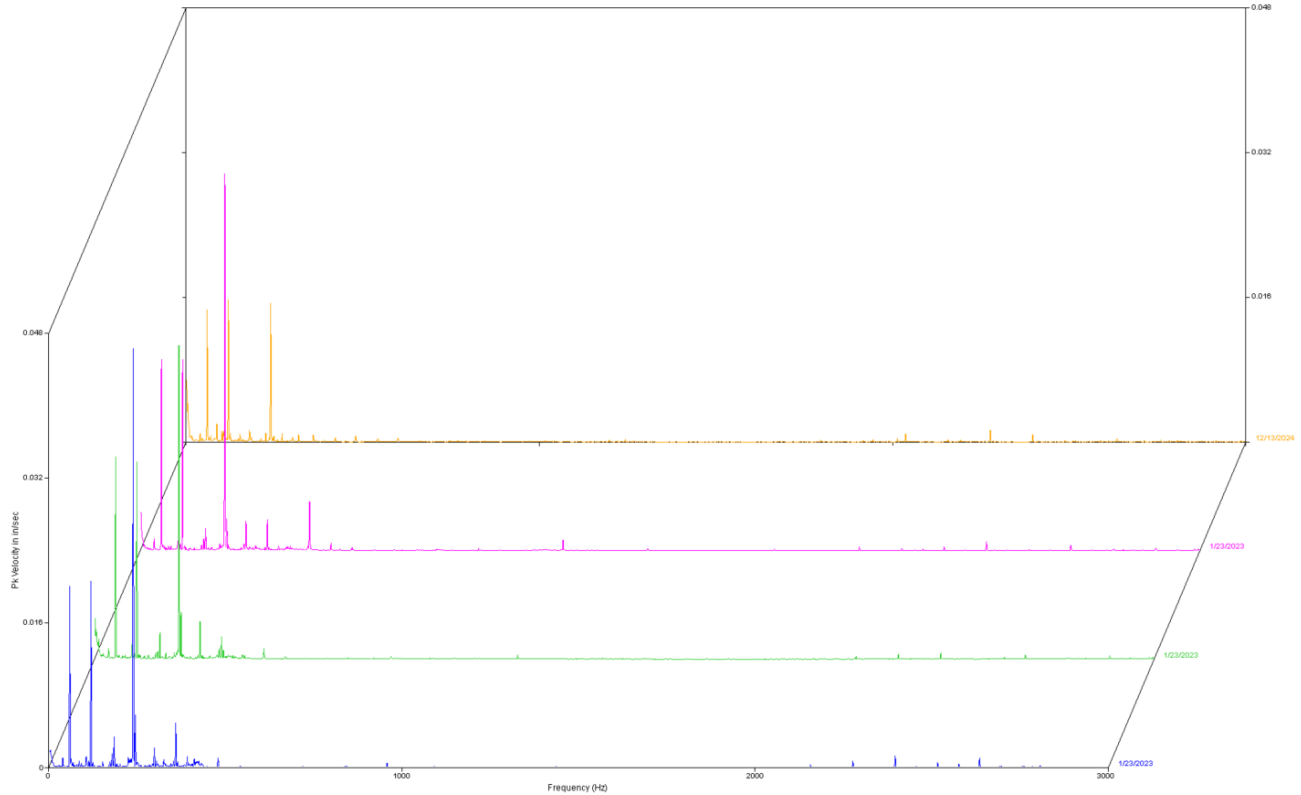


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0681
PK(+) = 0.0935
PK(-) = 0.120
Crest = 2.572

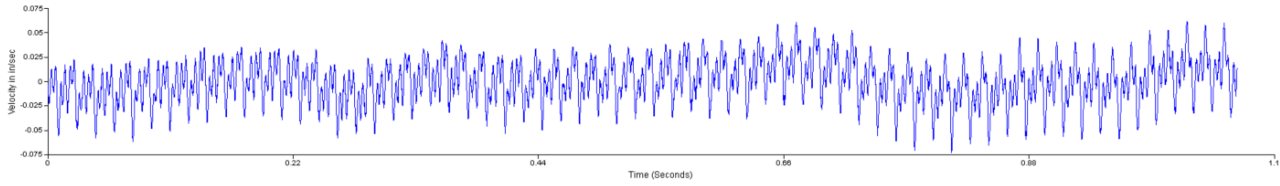
Overall Value
- Baseline -
Value: 0.0608
1/23/2023
9:11 AM



Multiple Route Spectra

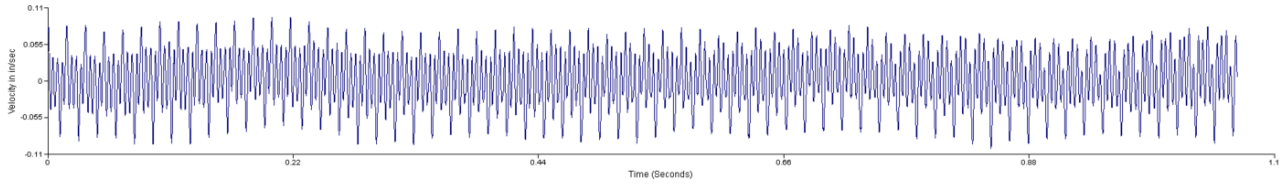


12/13/2024 2:00:51 PM



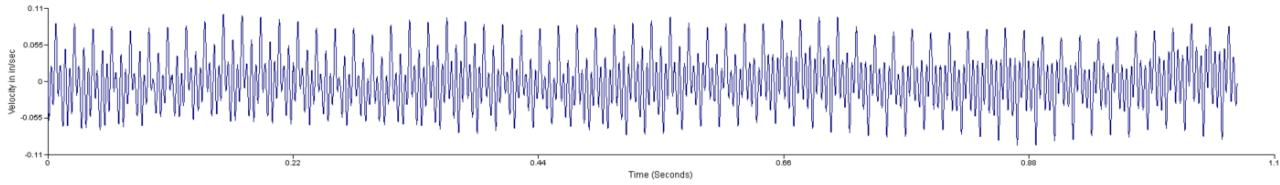
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0313
Pk(+) = 0.0020
Pk(-) = 0.0731
Crest = 3.300

1/23/2023 12:50:25 PM



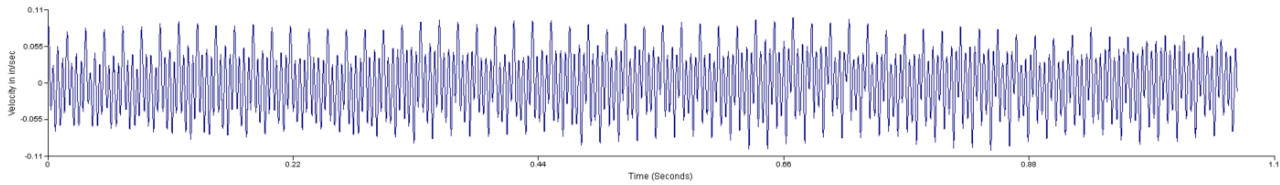
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0568
Pk(+) = 0.0563
Pk(-) = 0.102
Crest = 2.532

1/23/2023 10:12:37 AM



Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0535
Pk(+) = 0.101
Pk(-) = 0.0963
Crest = 2.674

1/23/2023 9:11:59 AM



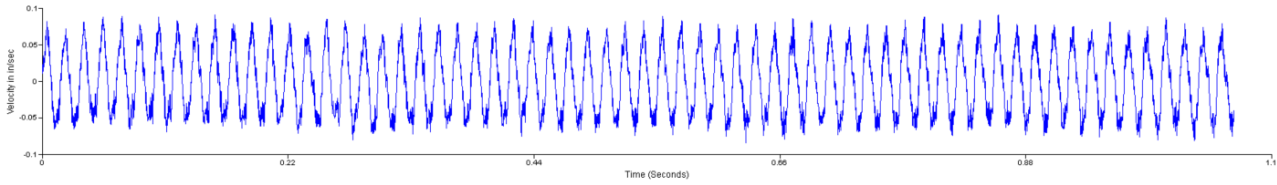
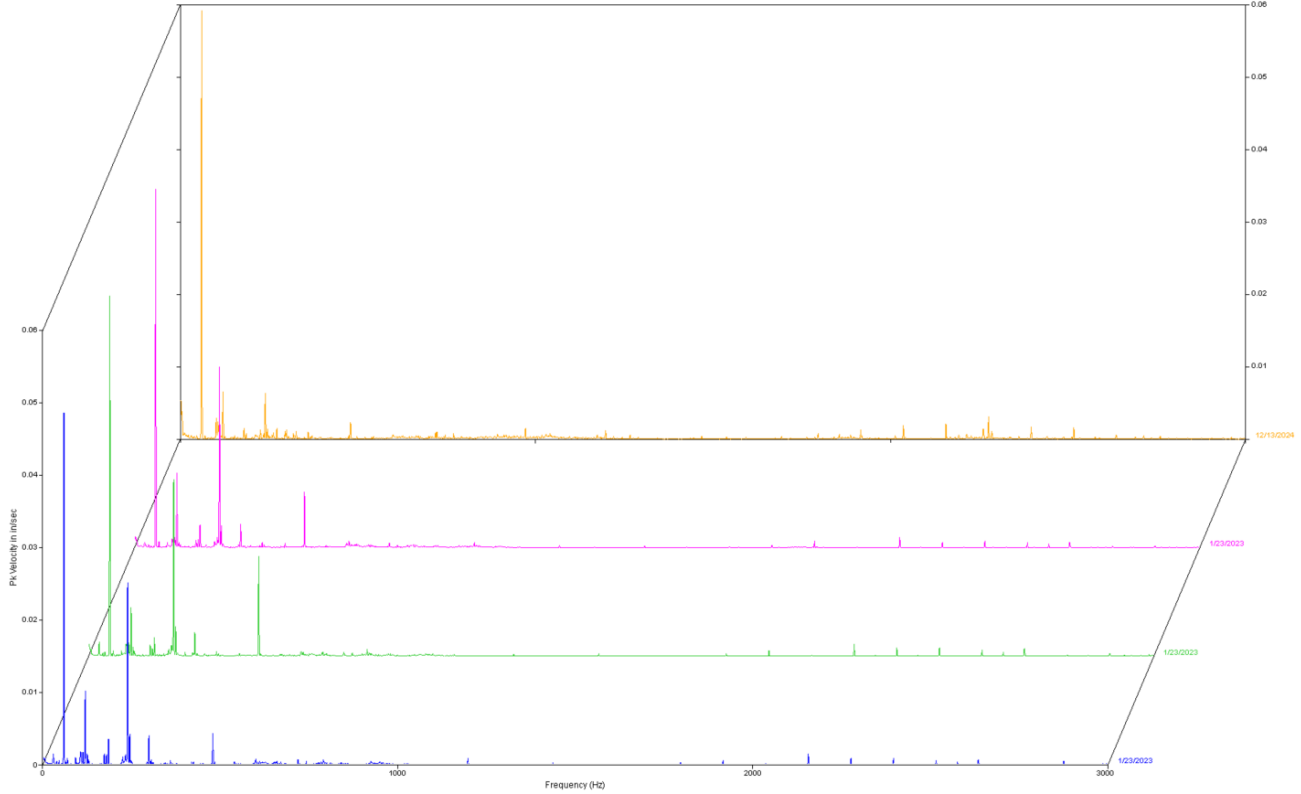
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0501
Pk(+) = 0.0984
Pk(-) = 0.101
Crest = 2.378

Overall Value

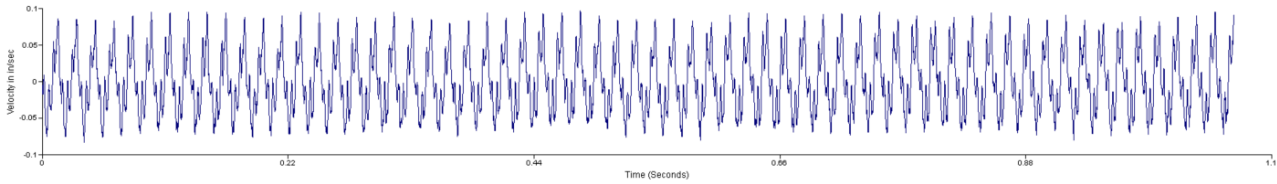


- Baseline
Value: 0.0593
1/23/2023
9:13 AM

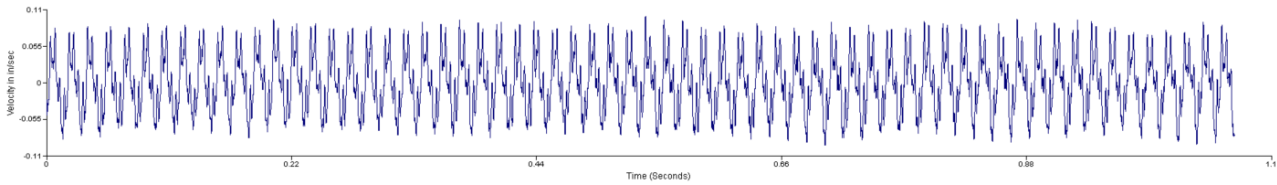
12/13/2024
2:01:27 PM
Avg: 0.0022



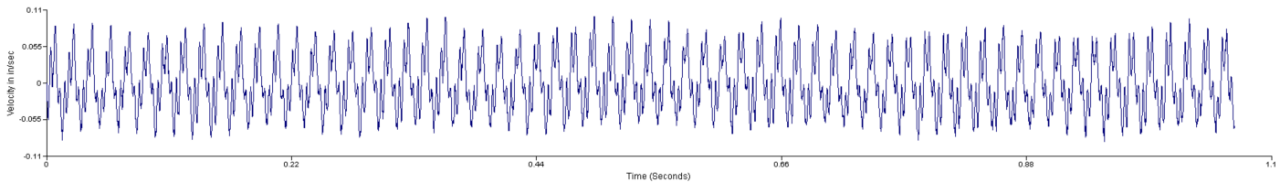
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0522
PK(+) = 0.0513
PK(-) = 0.0541
Crest = 2.076



Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0594
PK(+) = 0.0572
PK(-) = 0.0630
Crest = 2.314

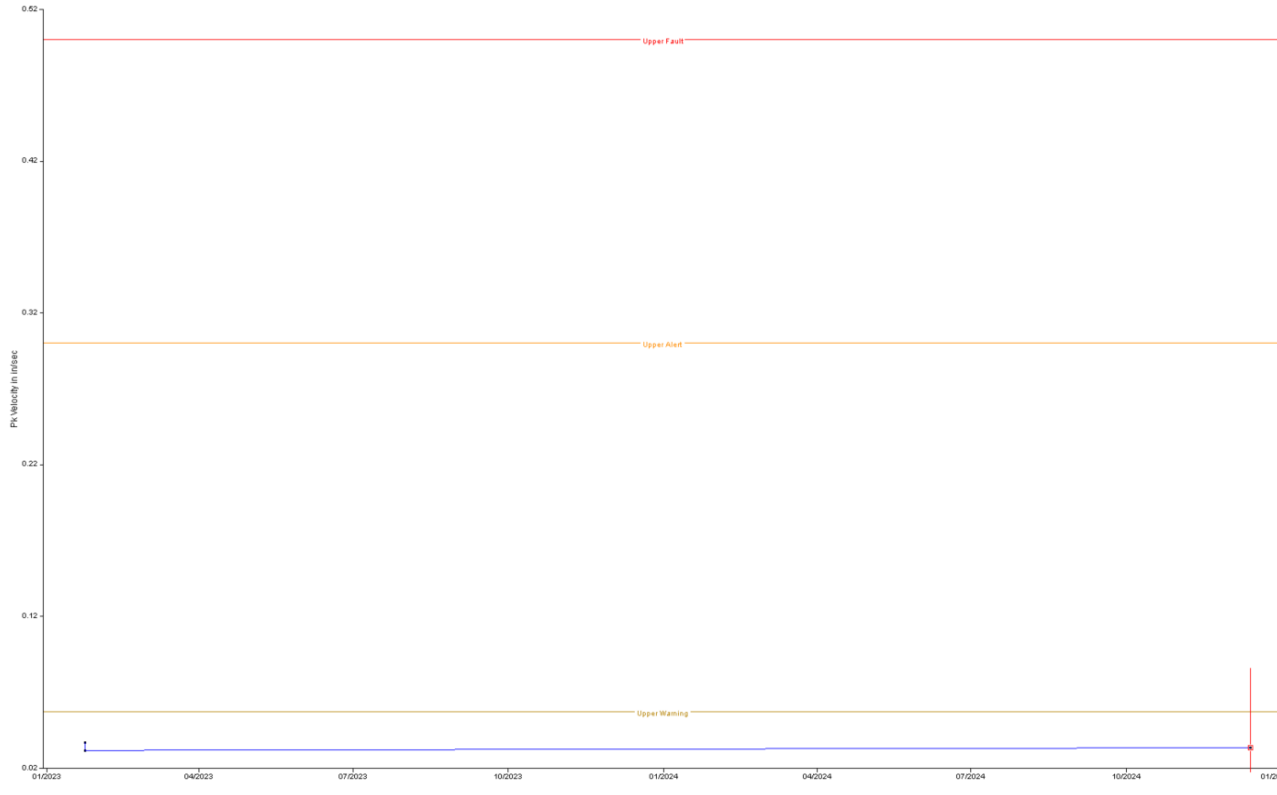


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0516
PK(+) = 0.1101
PK(-) = 0.0938
Crest = 2.306

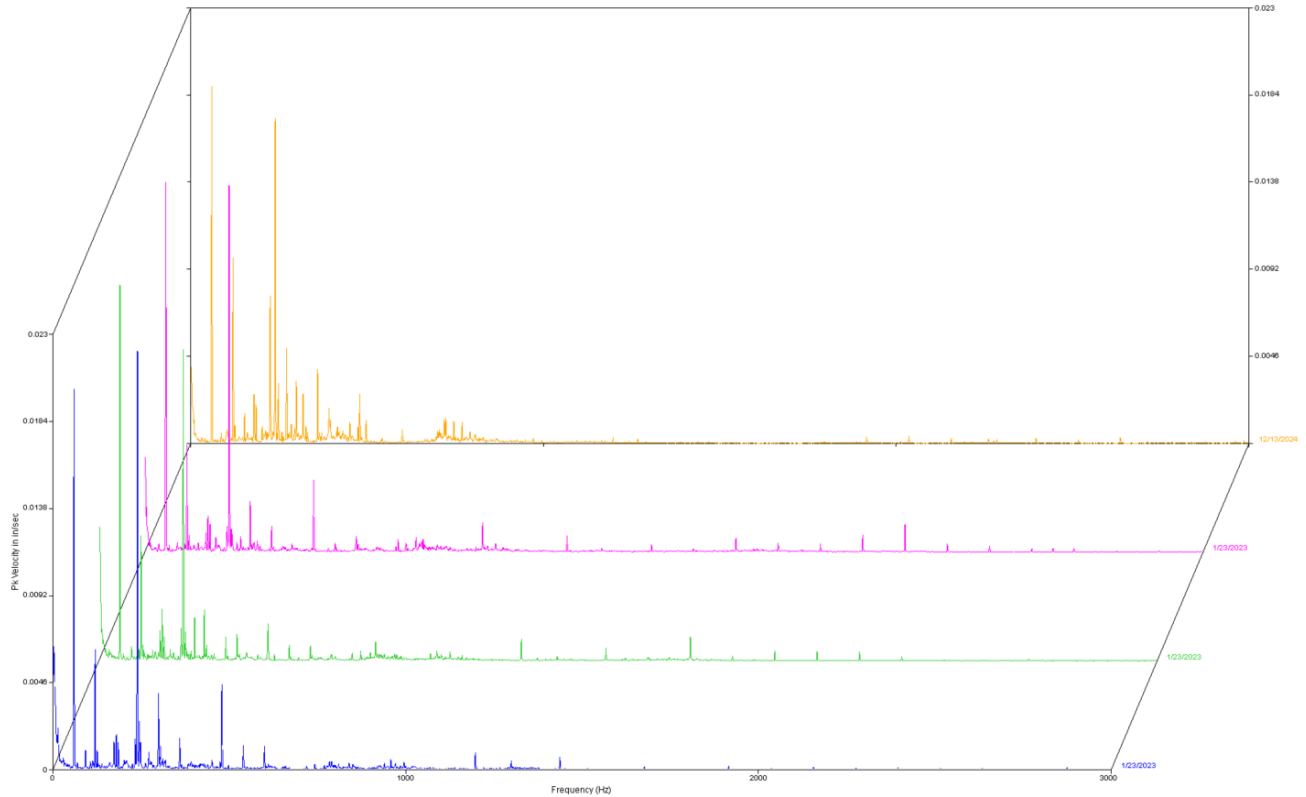


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0550
PK(+) = 0.1101
PK(-) = 0.0982
Crest = 2.421

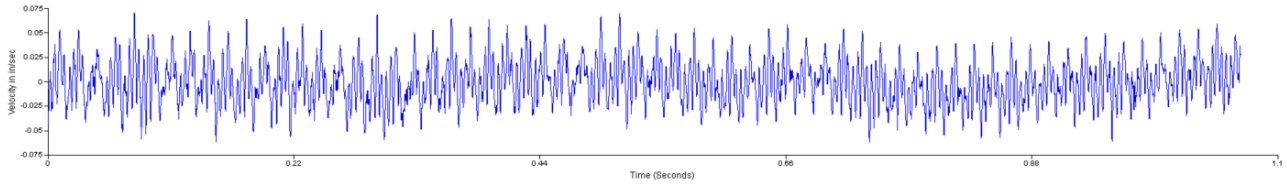
Overall Value
 - Baseline -
 Value: 0.0368
 1/23/2023
 9:13 AM



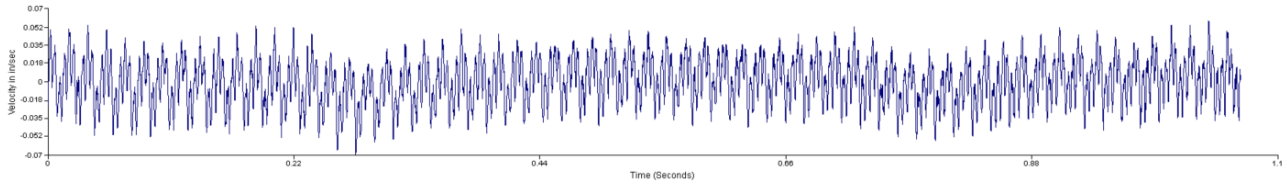
Multiple Route Spectra



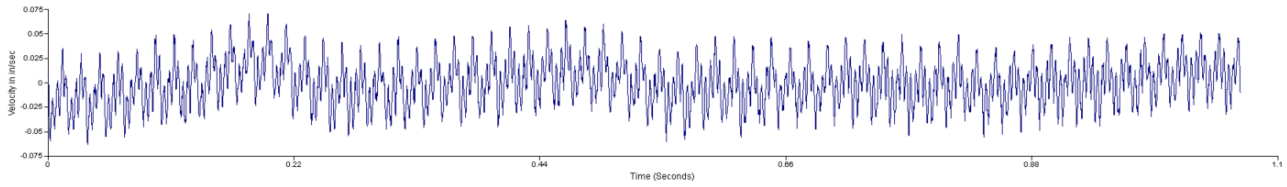
12/13/2024 2:01:27 PM



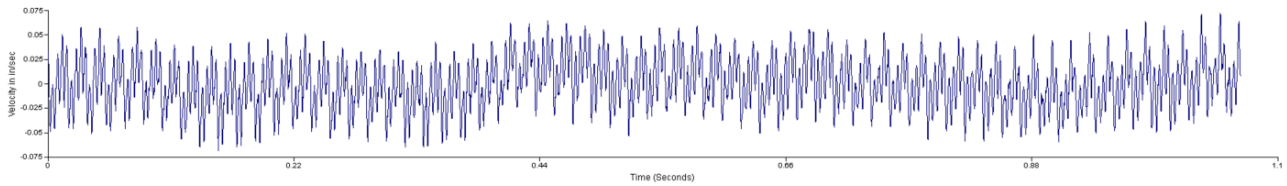
1/23/2023 12:50:39 PM



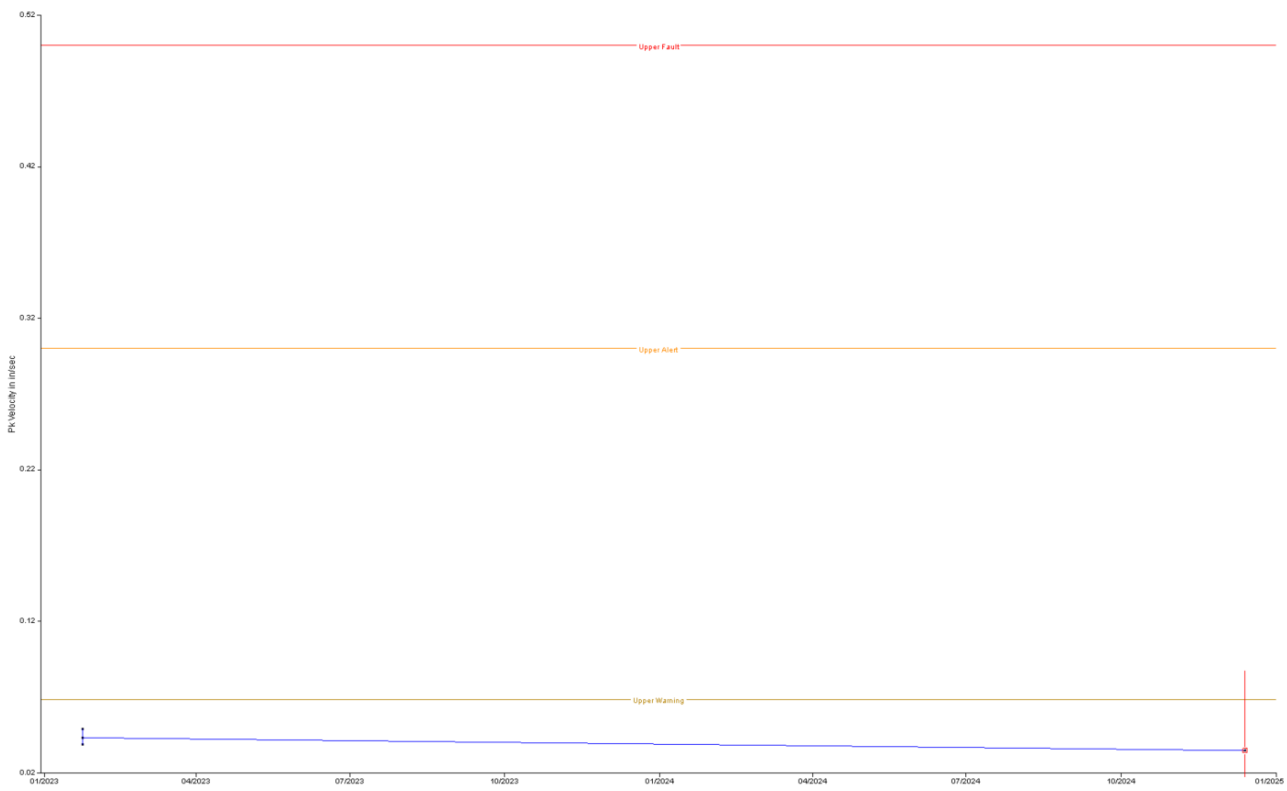
1/23/2023 10:12:10 AM

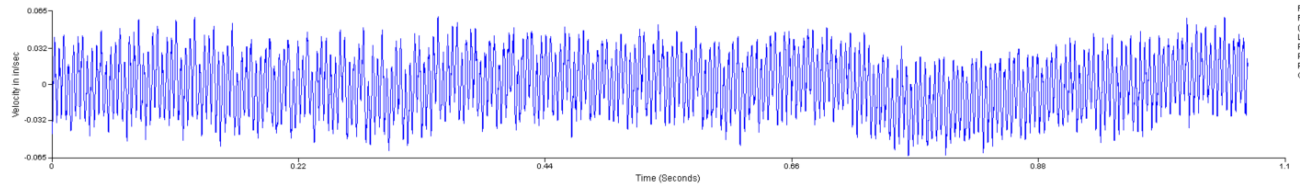
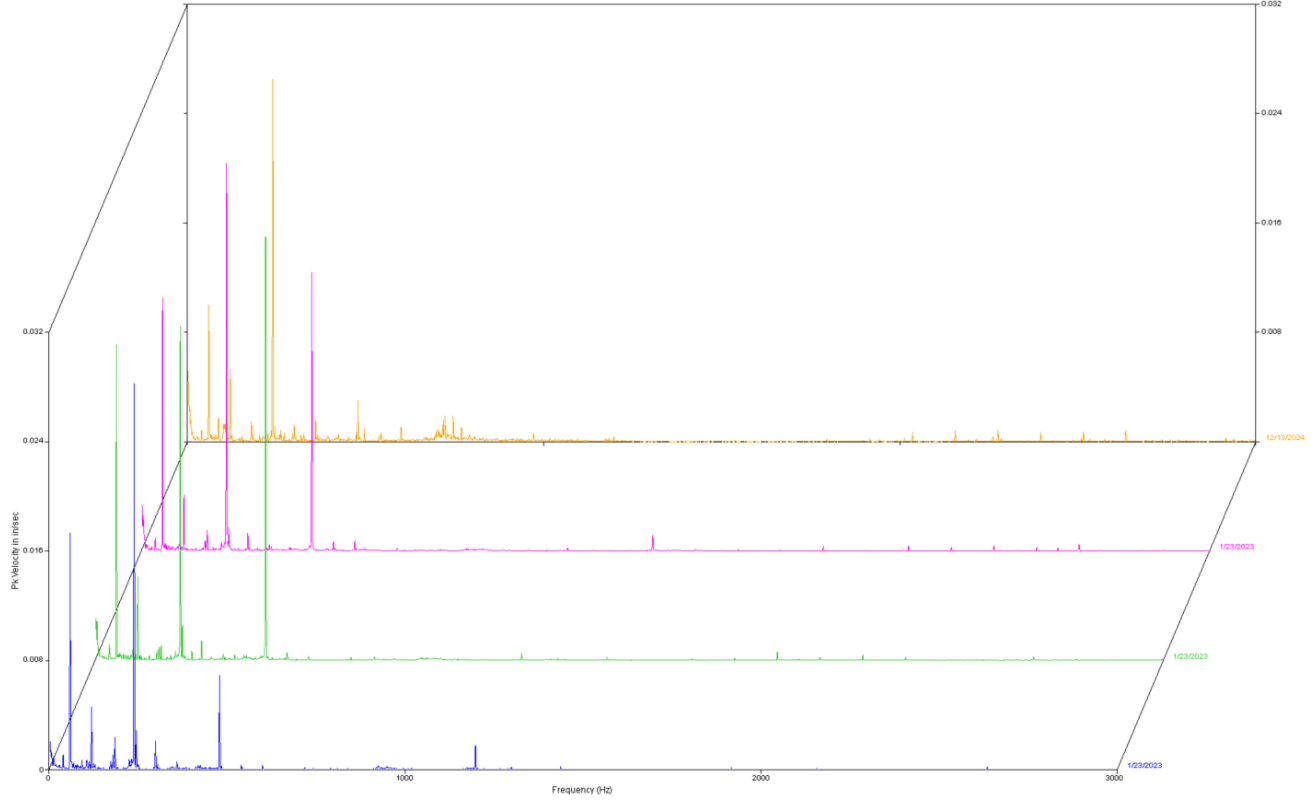


1/23/2023 9:13:29 AM

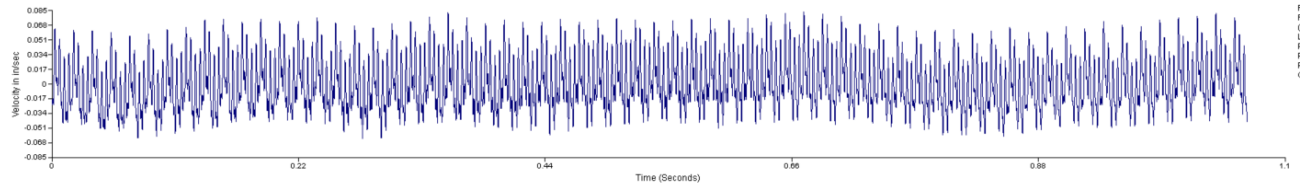


Overall Value

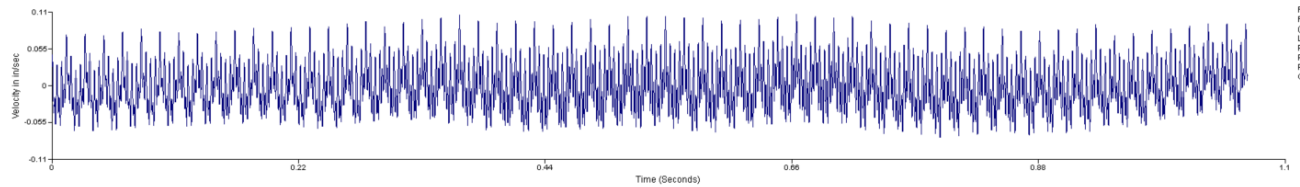




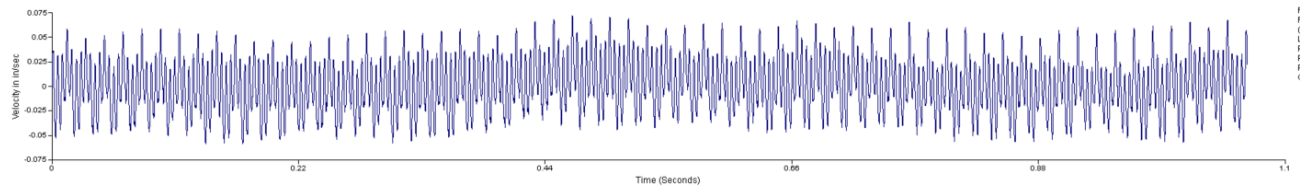
Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0348
Pk(+) = 0.0599
Pk(-) = 0.0635
Crest = 2.582



Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0425
Pk(+) = 0.1107
Pk(-) = 0.0626
Crest = 2.787

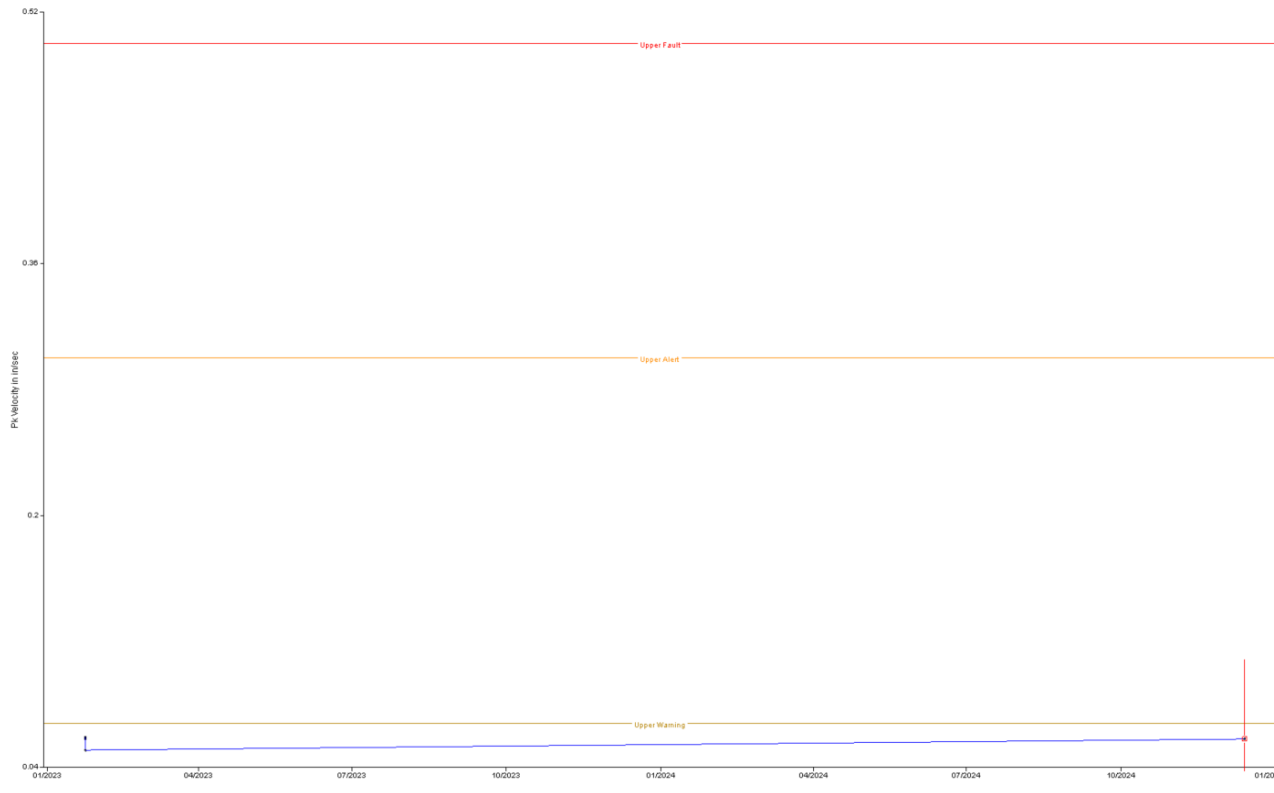


Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0510
Pk(+) = 0.1107
Pk(-) = 0.0779
Crest = 2.979

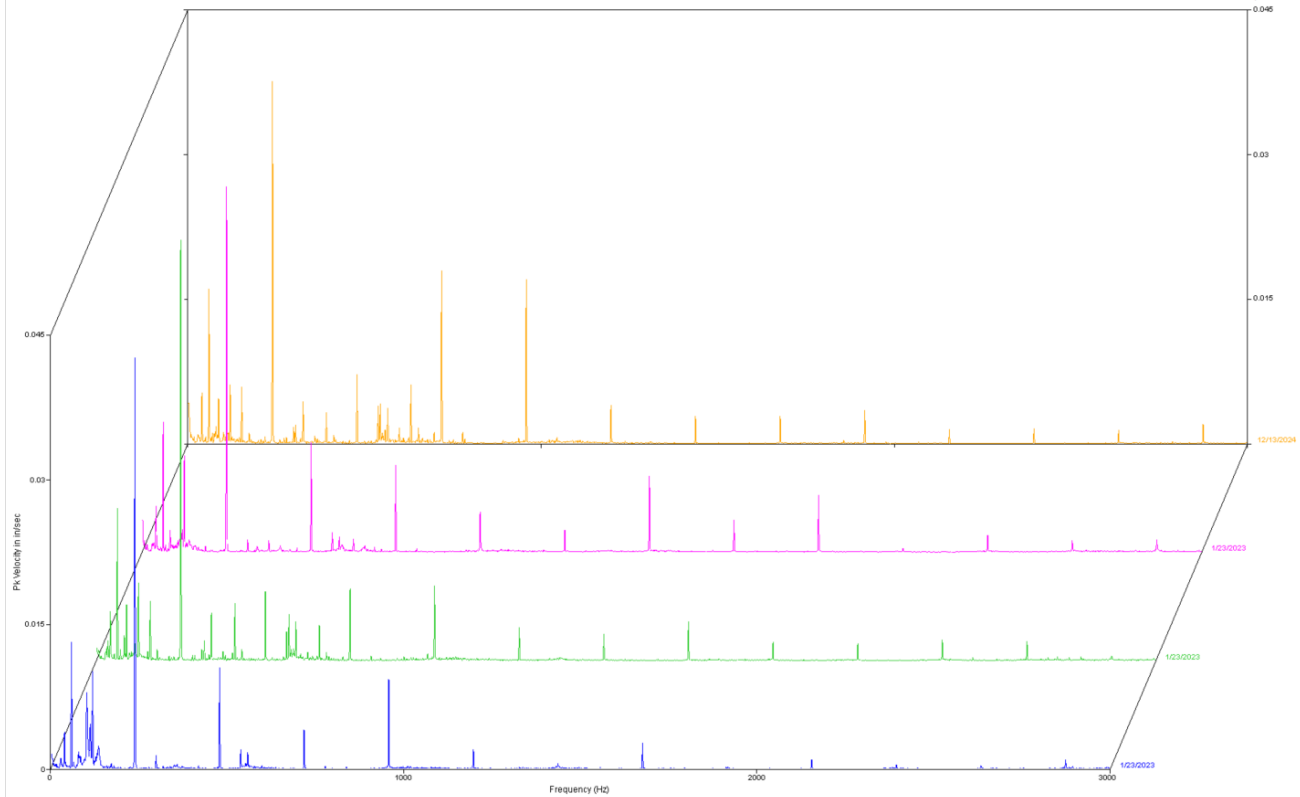


Route
RPM = 3600.0
(50.00 Hz)
LOAD = 100.00
Peak = 0.0365
Pk(+) = 0.0725
Pk(-) = 0.0591
Crest = 2.596

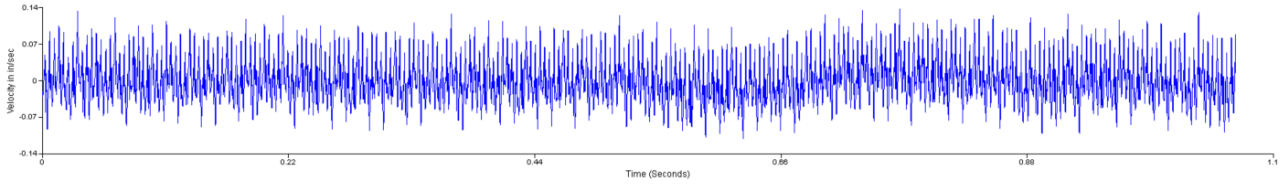
Overall Value
- Baseline:
Value: 0.0579
1/23/2023
9:19 AM



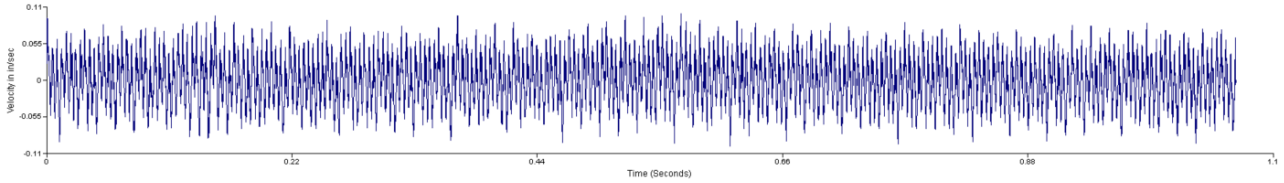
Multiple Route Spectra



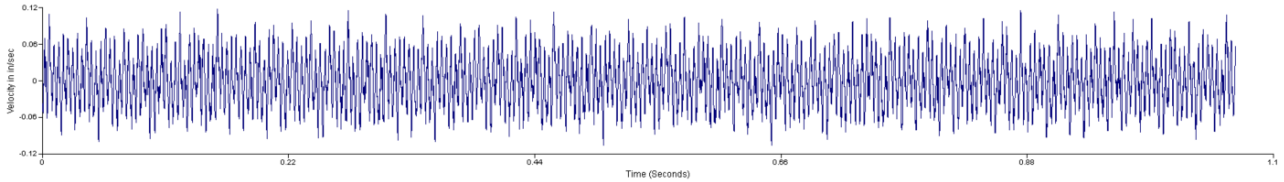
12/13/2023 2:02:05 PM



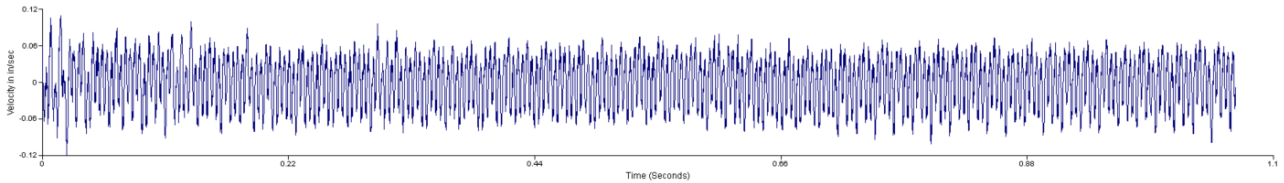
1/23/2023 12:50:52 PM



1/23/2023 10:22:40 AM

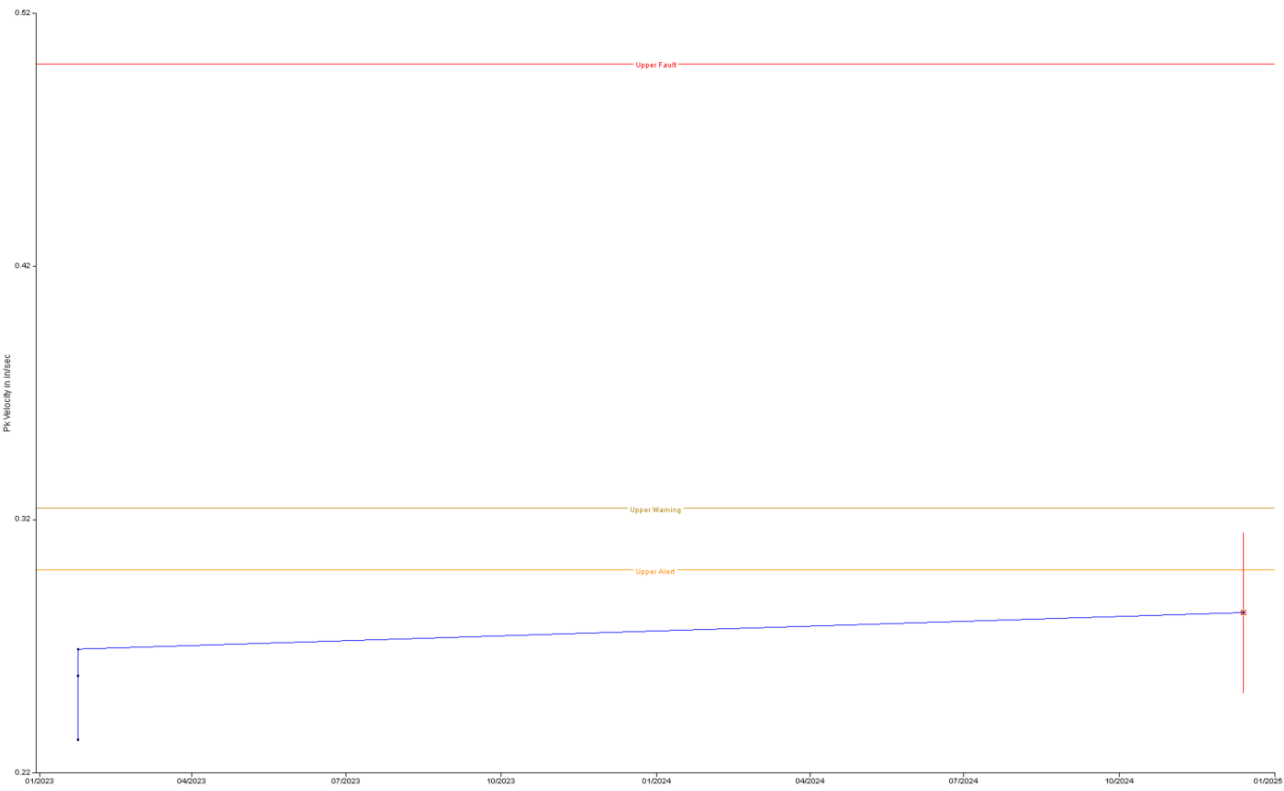


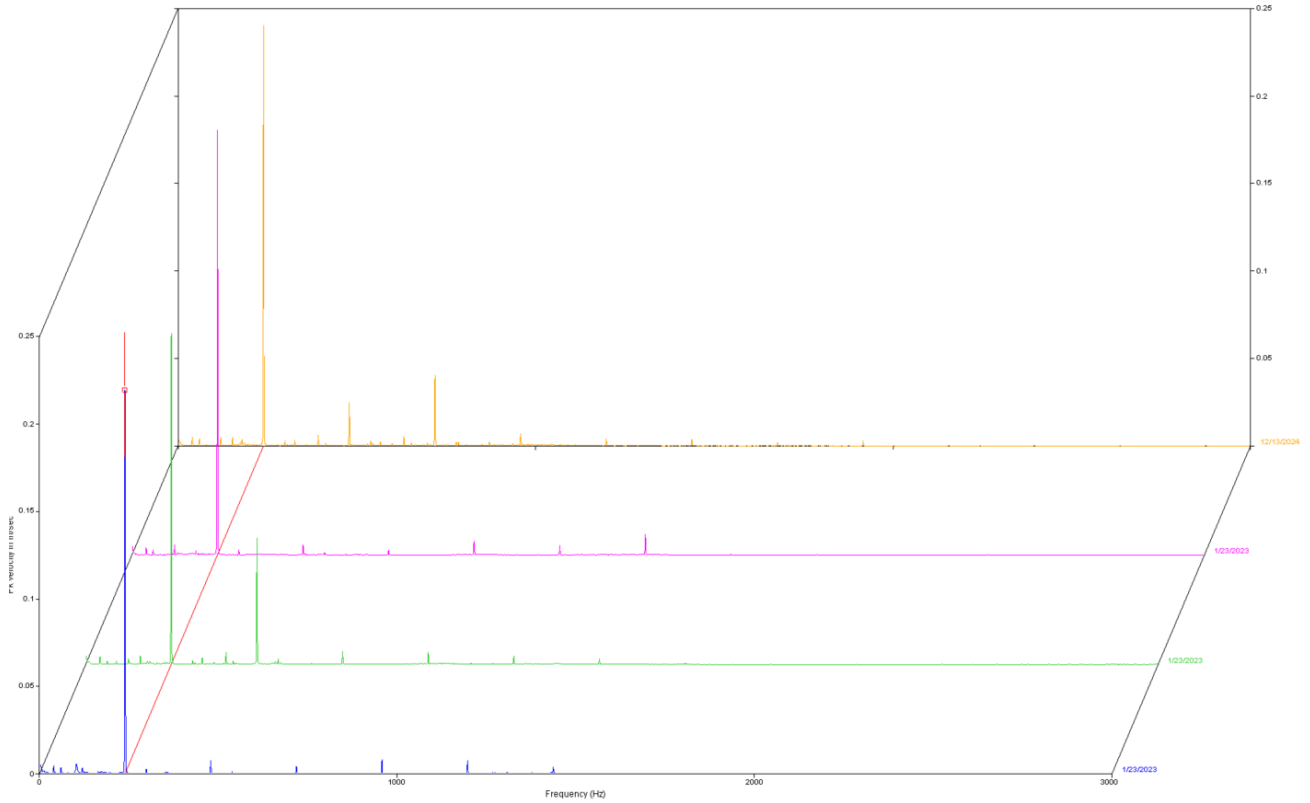
1/23/2023 9:16:20 AM



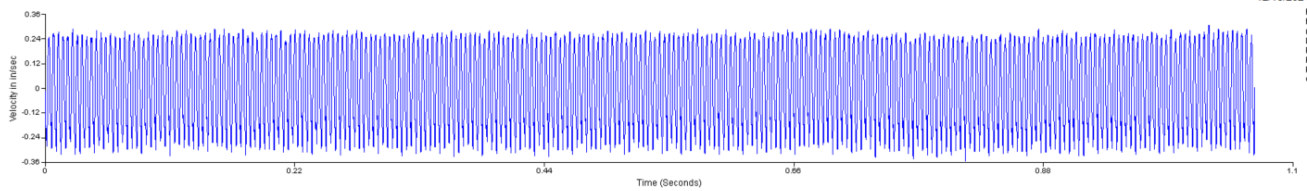
Overall Value

- Baseline -
Value: 0.258
1/23/2023
9:16 AM

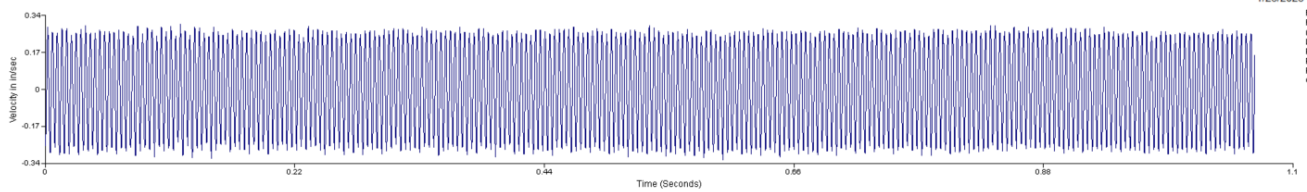




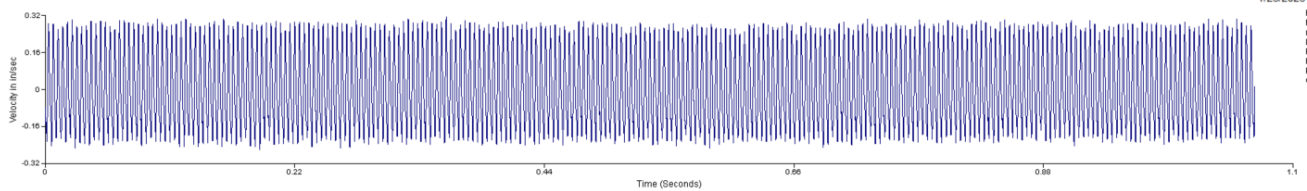
1/23/2023
9:16 AM
RPM = 3586.6
Freq 235.11
Ord 4.000
Amp 0.230



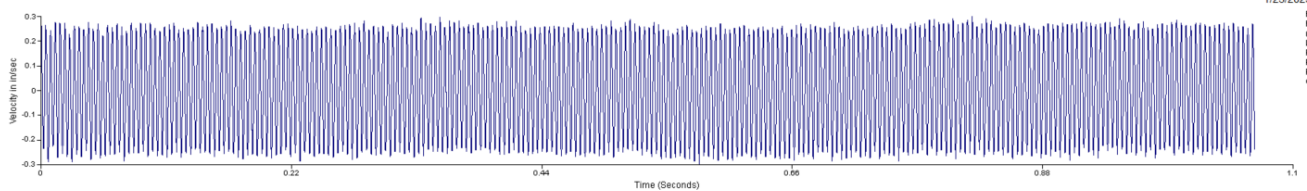
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.263
Pk(+) = 0.358
Pk(-) = 0.352
Crest = 1.759



Route
RPM = 3595.9
(59.77 Hz)
LOAD = 100.00
Peak = 0.272
Pk(+) = 0.300
Pk(-) = 0.324
Crest = 1.687

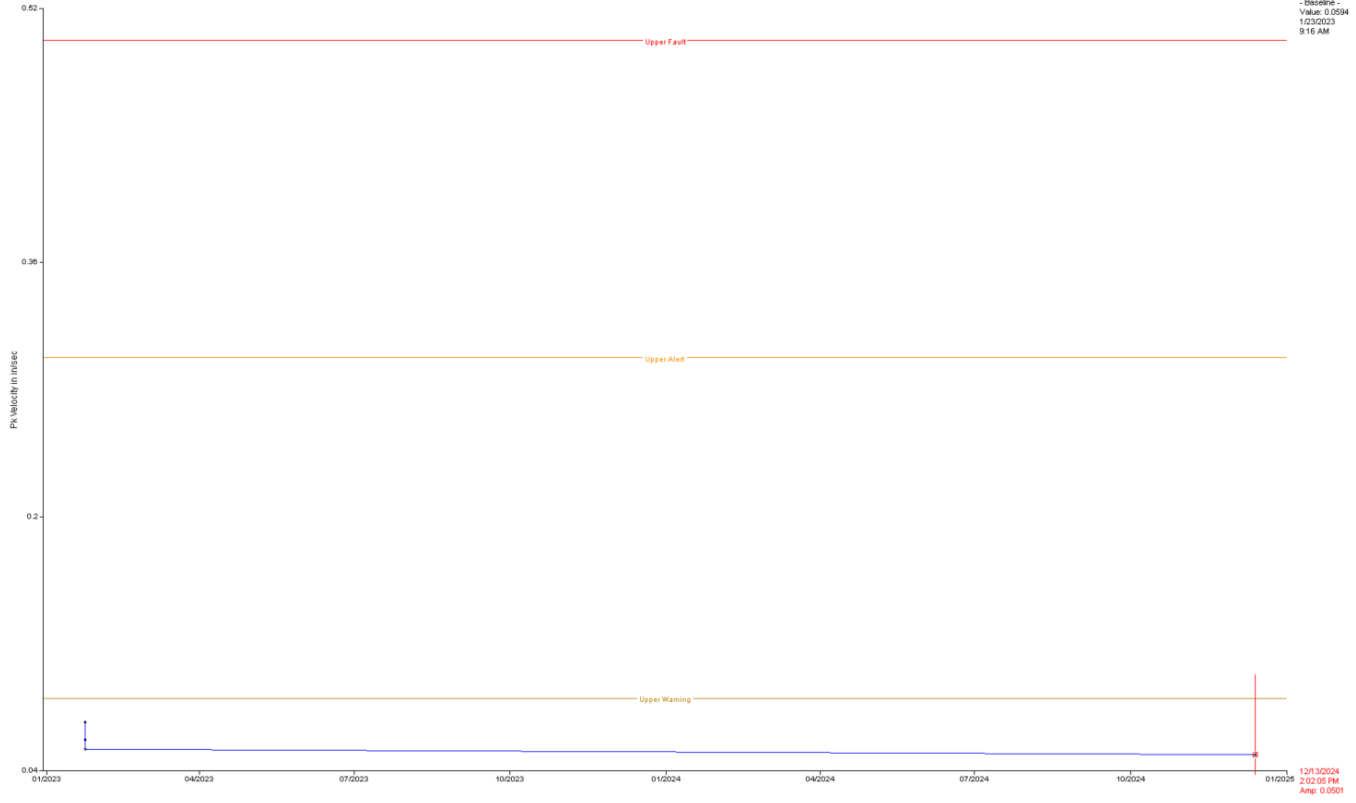


Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.291
Pk(+) = 0.314
Pk(-) = 0.260
Crest = 1.939

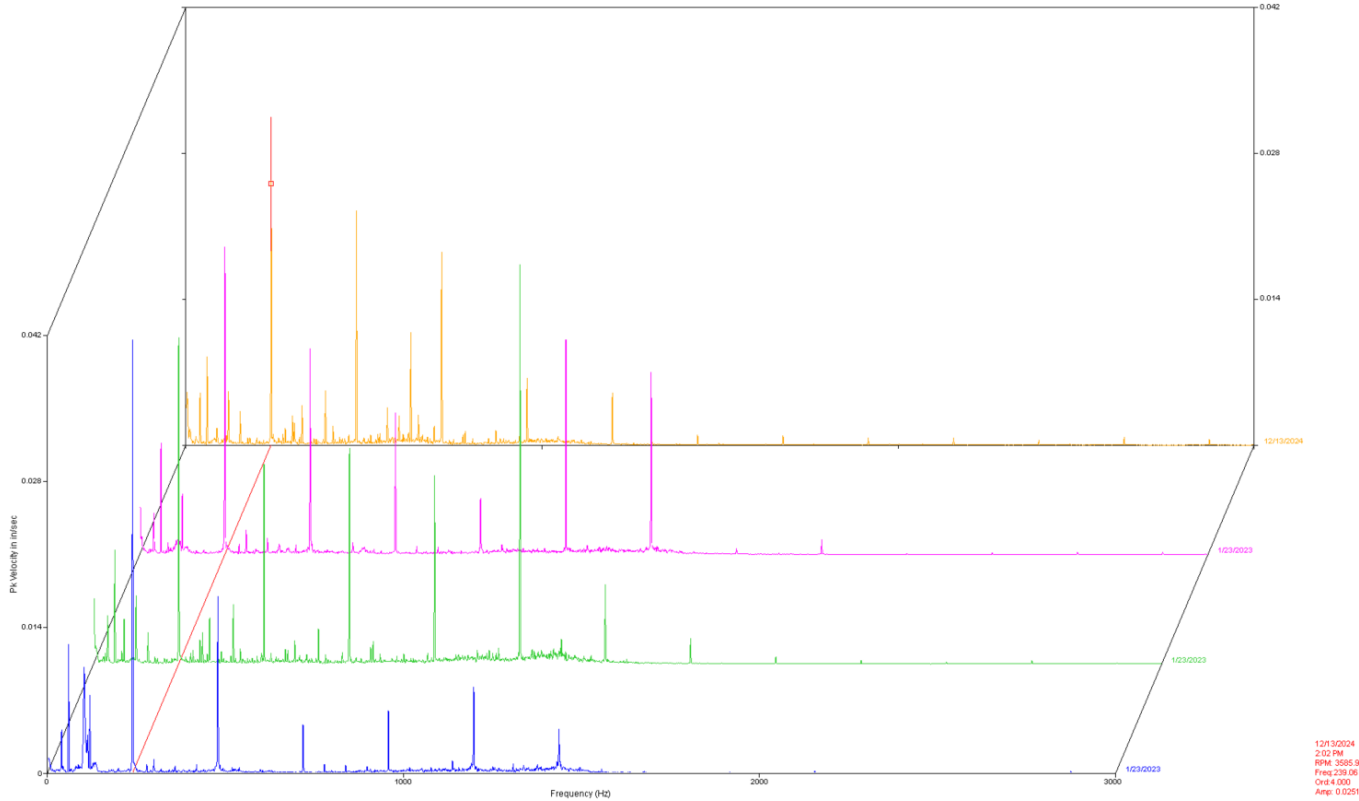


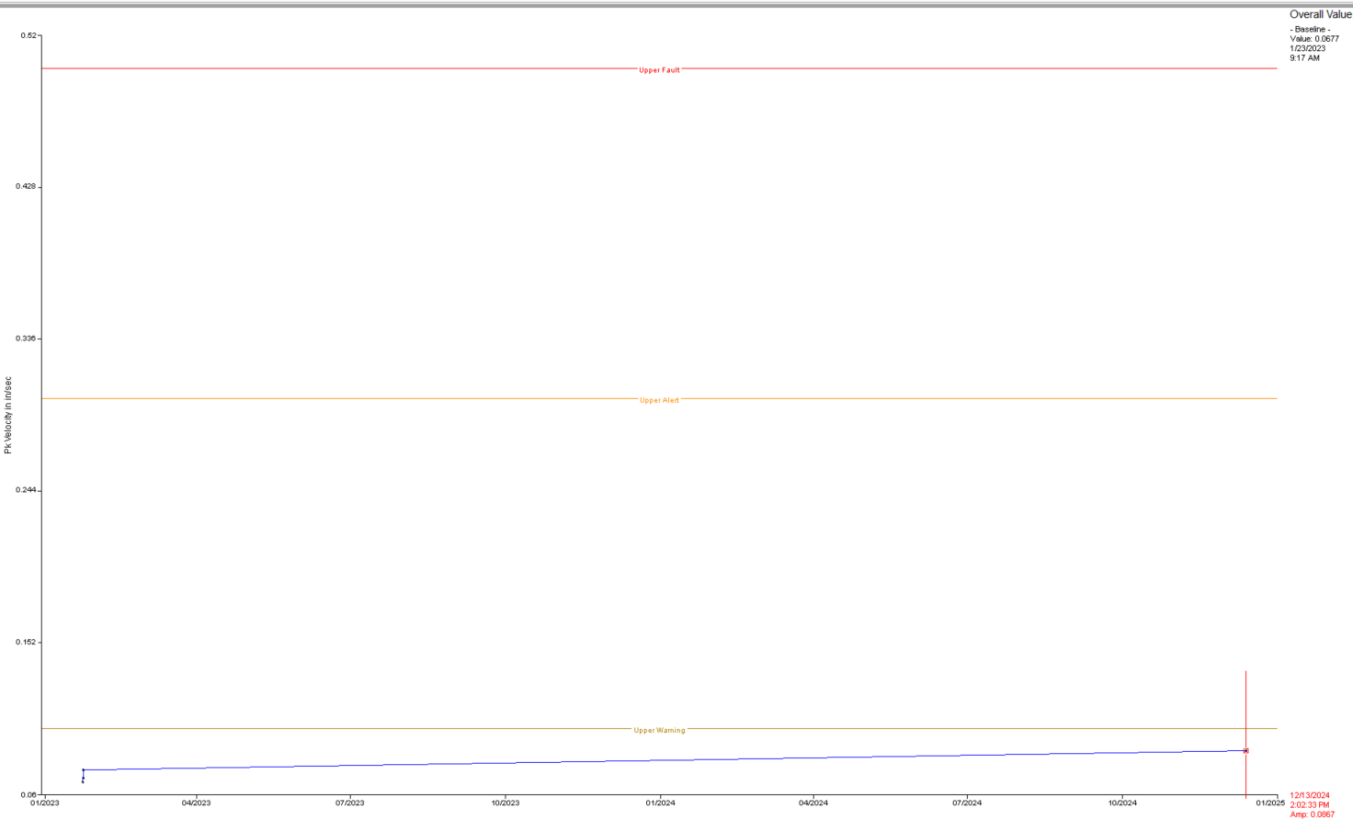
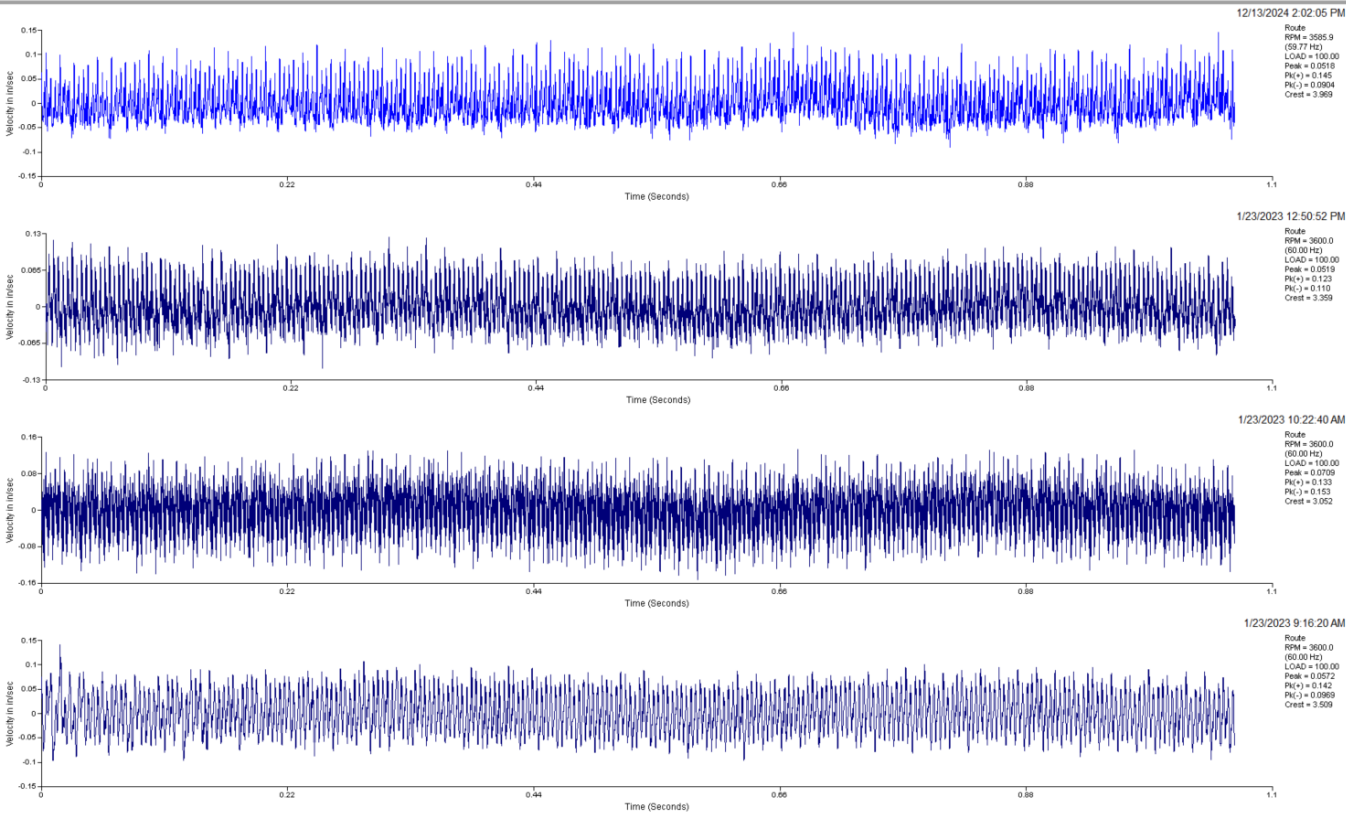
Route
RPM = 3586.6
(59.78 Hz)
LOAD = 100.00
Peak = 0.299
Pk(+) = 0.298
Pk(-) = 0.298
Crest = 1.619

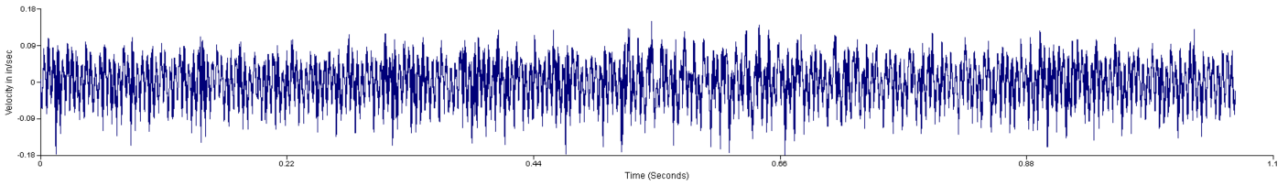
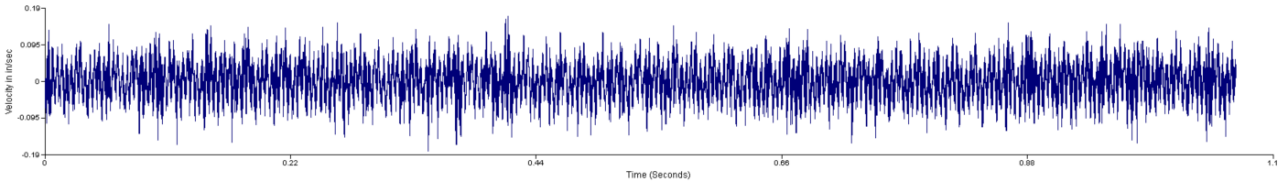
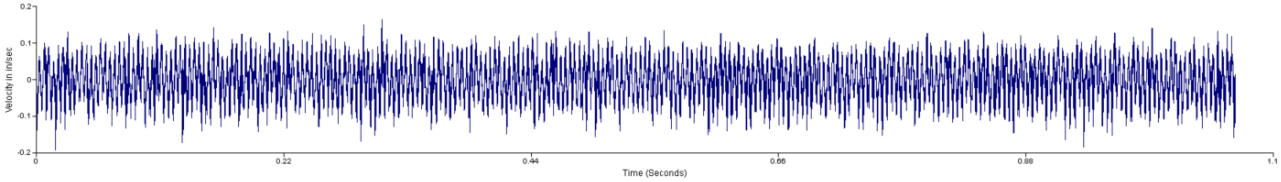
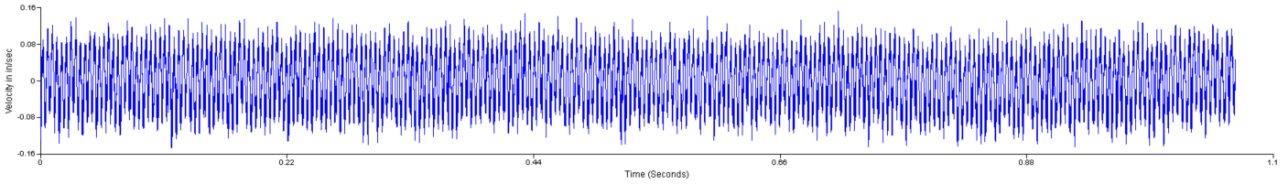
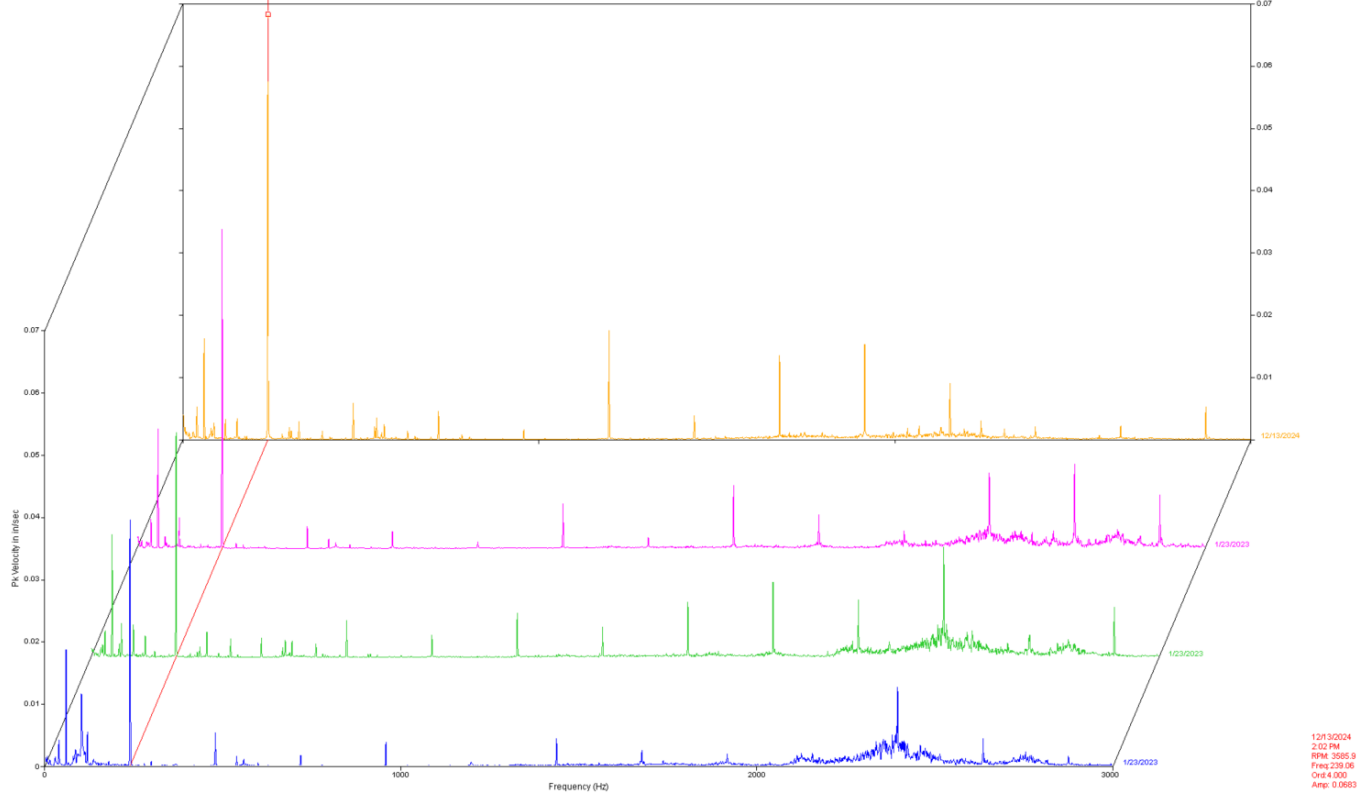
Overall Value
- Baseline
Value: 0.0594
1/23/2023
9:15 AM



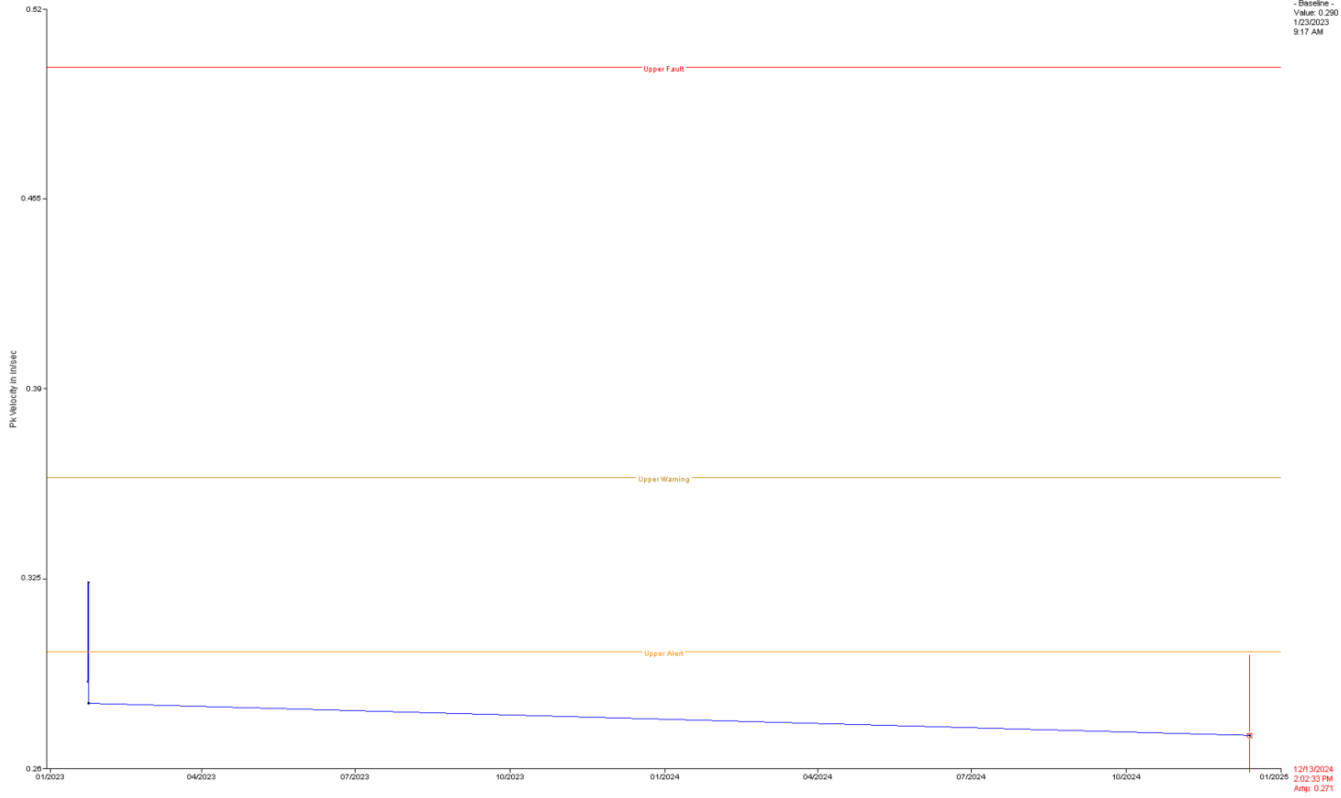
Multiple Route Spectra



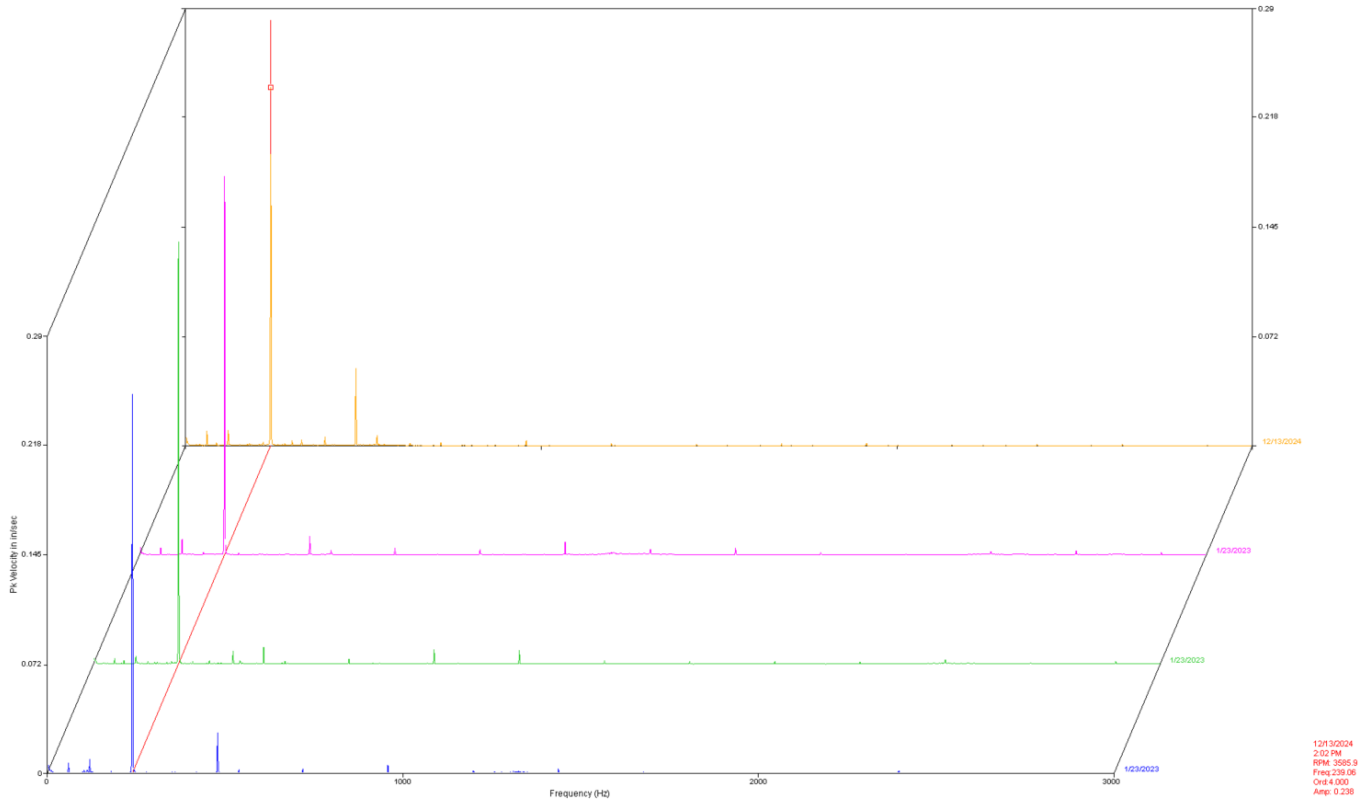




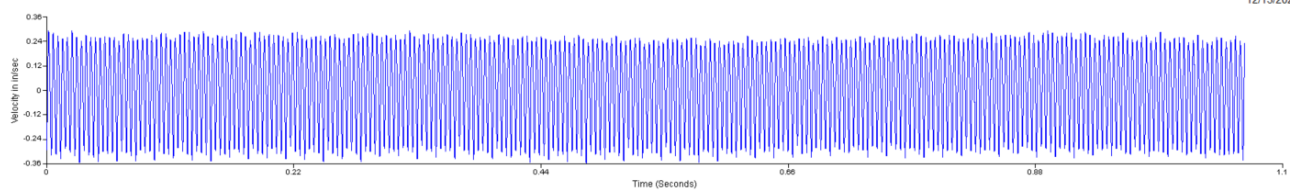
Overall Value
- Baseline -
Value: 0.290
1/23/2023
9:17 AM



Multiple Route Spectra

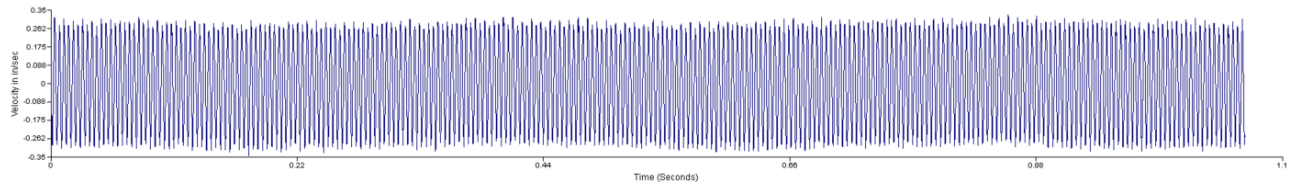


12/13/2024 2:02:33 PM



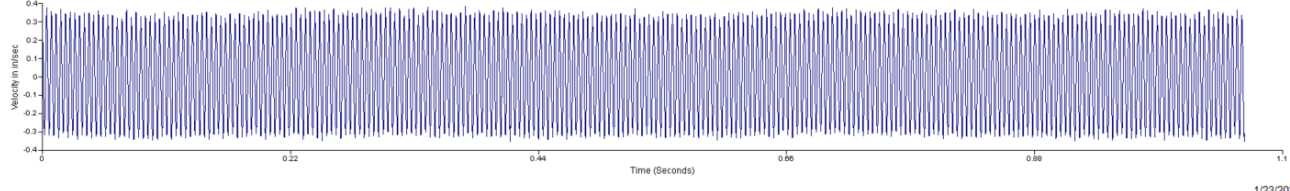
Route
RPM = 3685.9
(59.77 Hz)
LOAD = 100.00
Peak = 0.276
Pk(-) = 0.203
Pk(+) = 0.350
Crest = 1.834

1/23/2023 12:51:06 PM



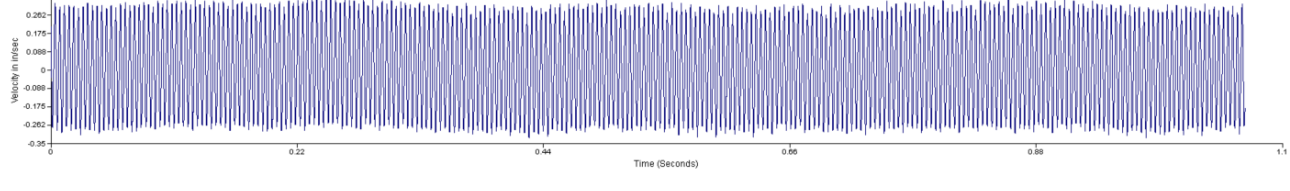
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.203
Pk(-) = 0.130
Pk(+) = 0.345
Crest = 1.723

1/23/2023 10:22:52 AM



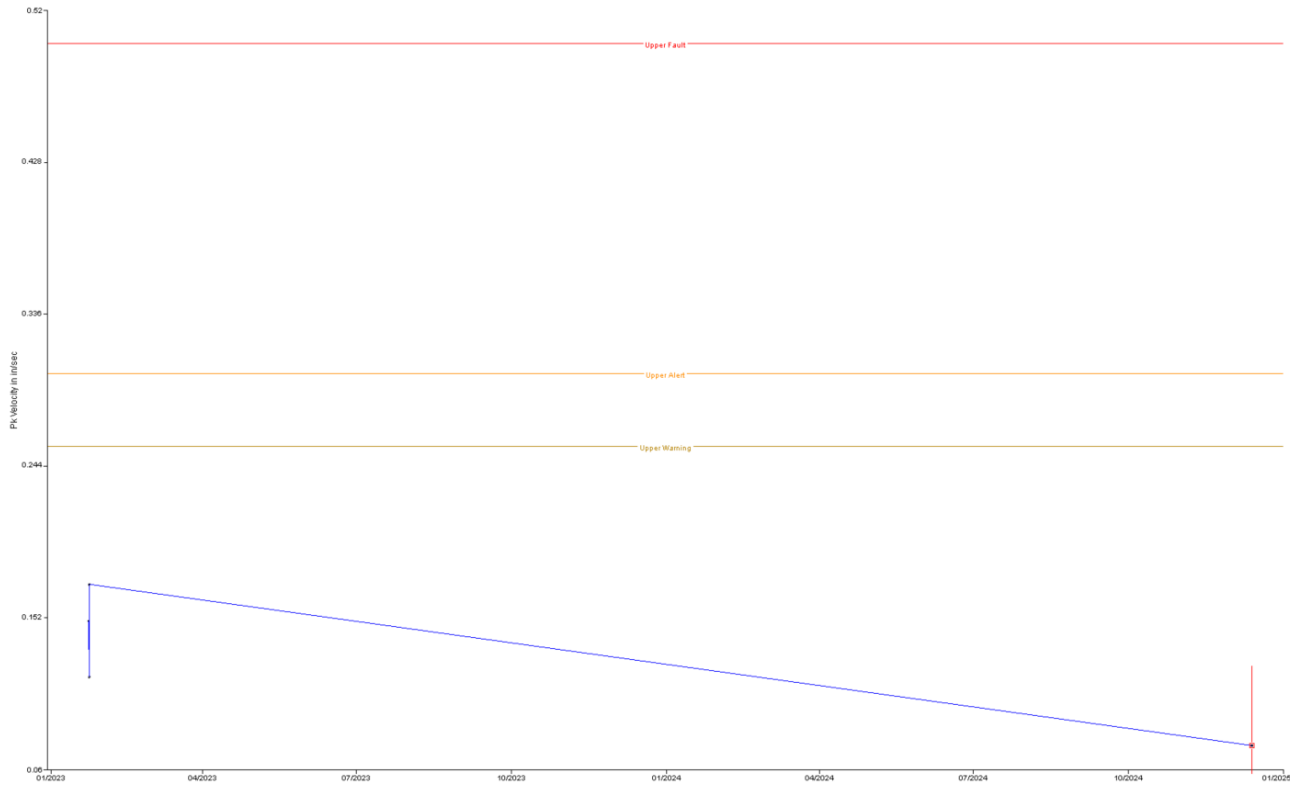
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.319
Pk(-) = 0.386
Pk(+) = 0.352
Crest = 1.710

1/23/2023 9:17:13 AM



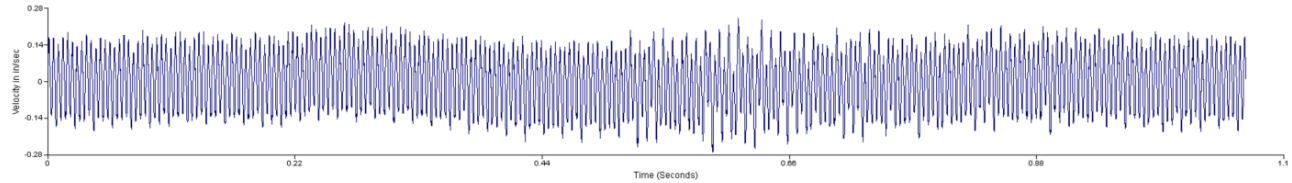
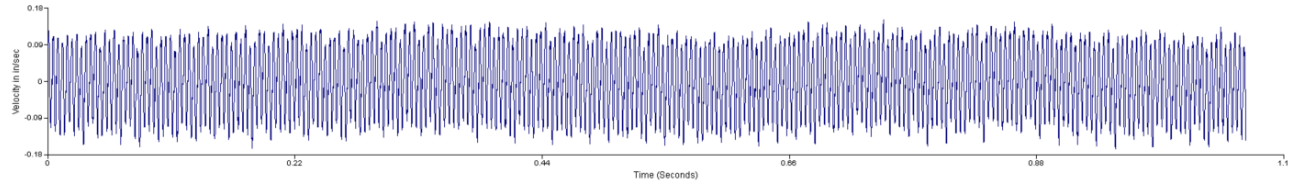
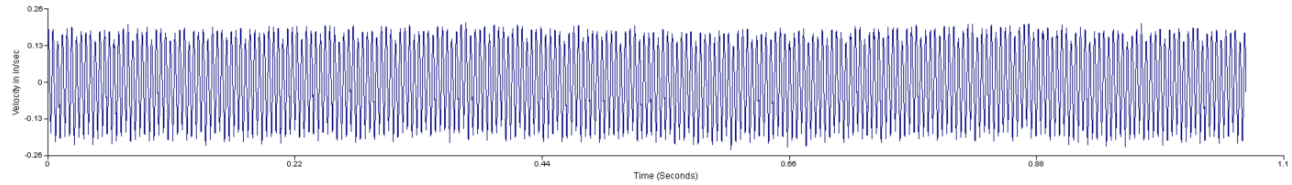
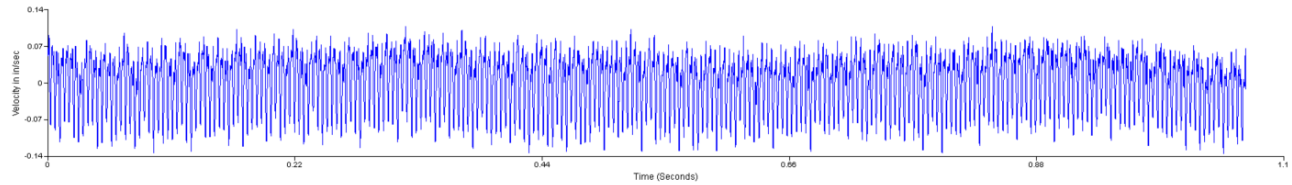
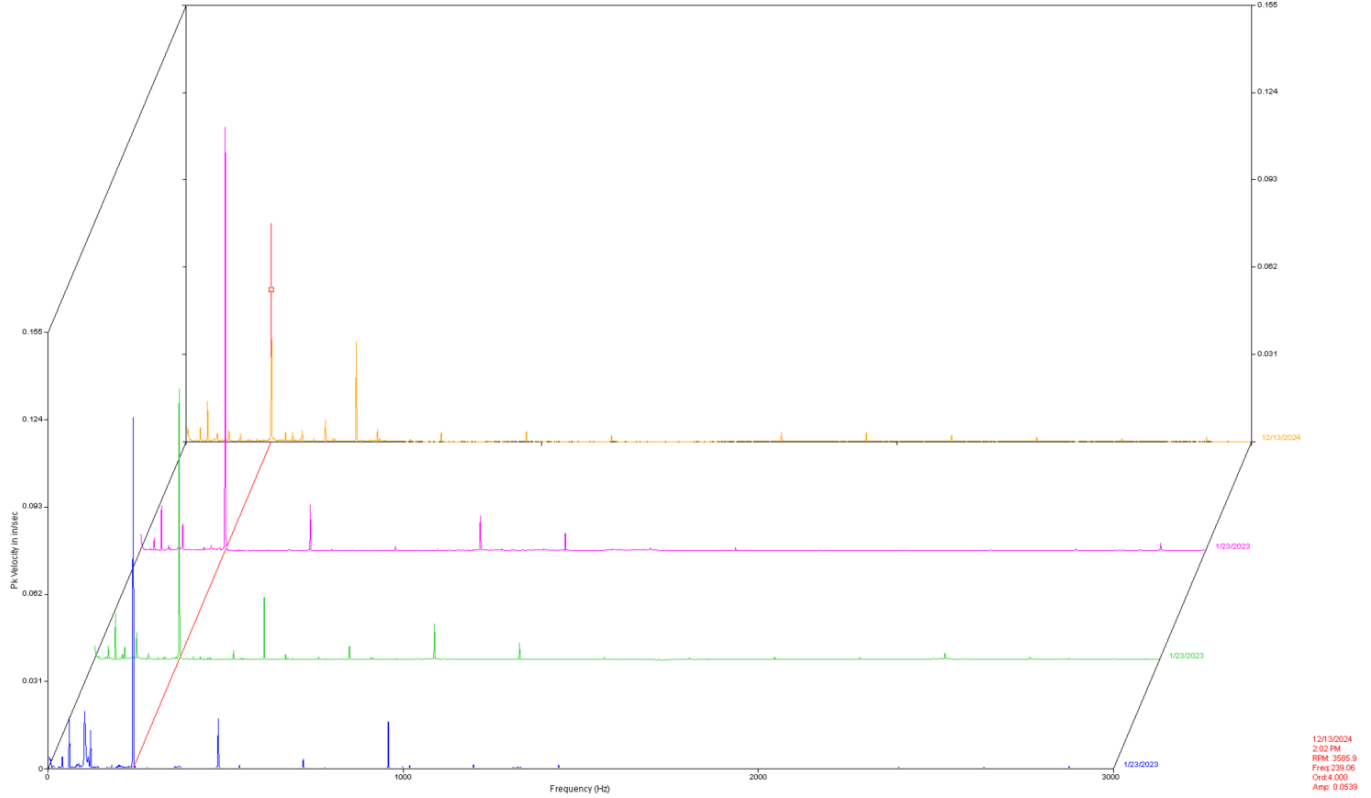
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.209
Pk(-) = 0.346
Pk(+) = 0.324
Crest = 1.690

Overall Value

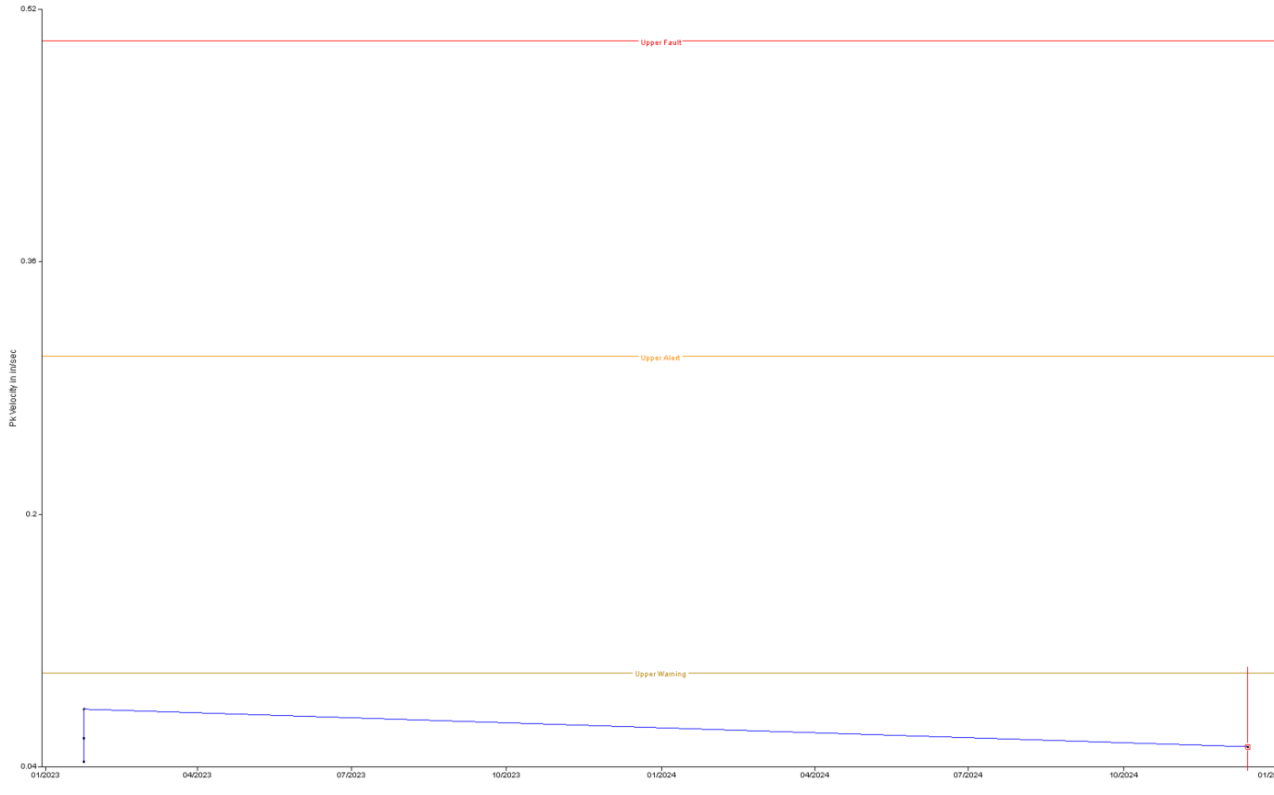


- Baseline -
Value: 0.150
1/23/2023
9:17 AM

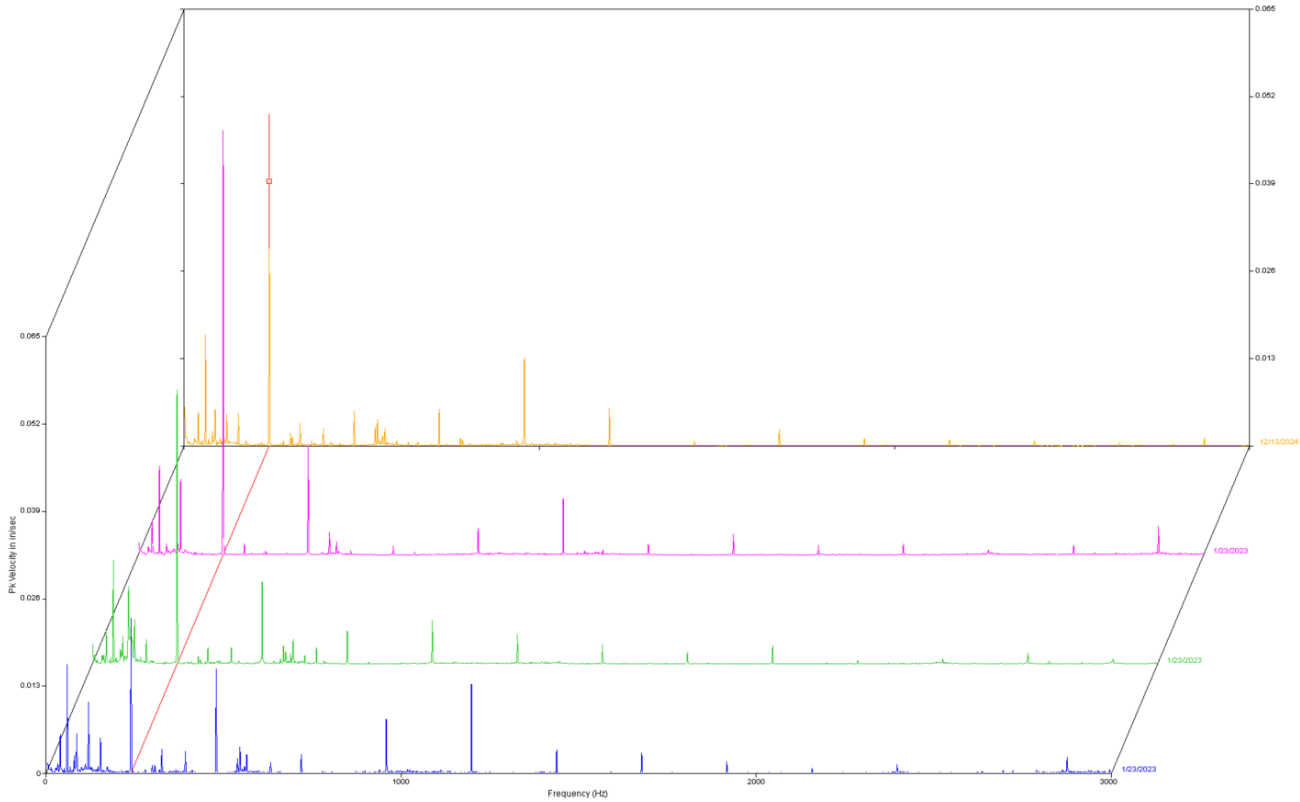
12/13/2024
2:02:33 PM
Avg: 0.0747



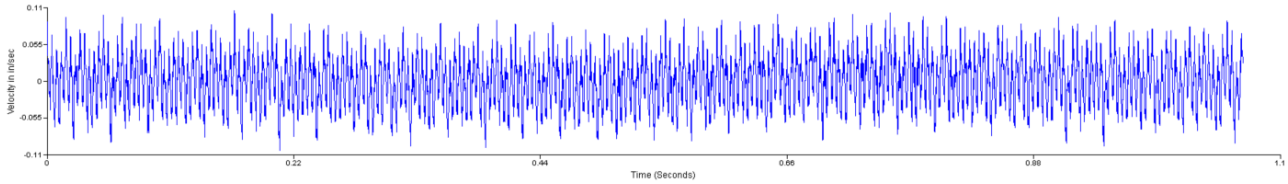
Overall Value
 - Baseline -
 Value: 0.0434
 1/23/2023
 9:19 AM



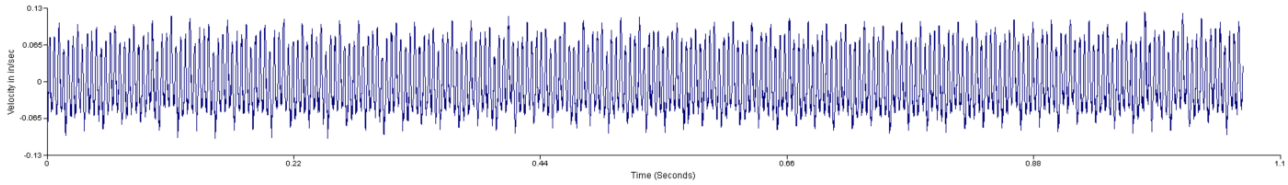
Multiple Route Spectra



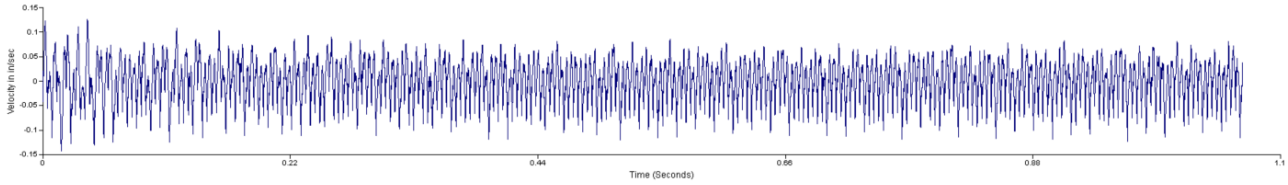
12/13/2024 2:02:59 PM



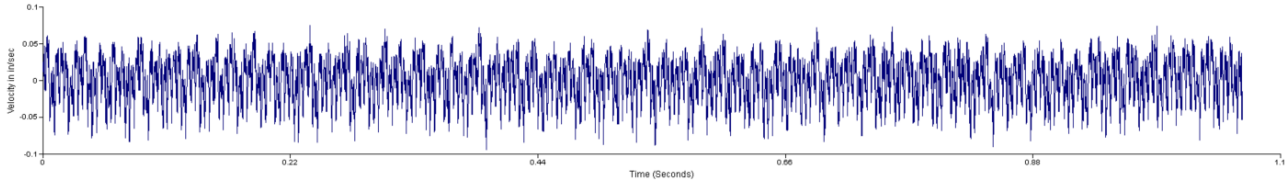
1/23/2023 12:51:32 PM



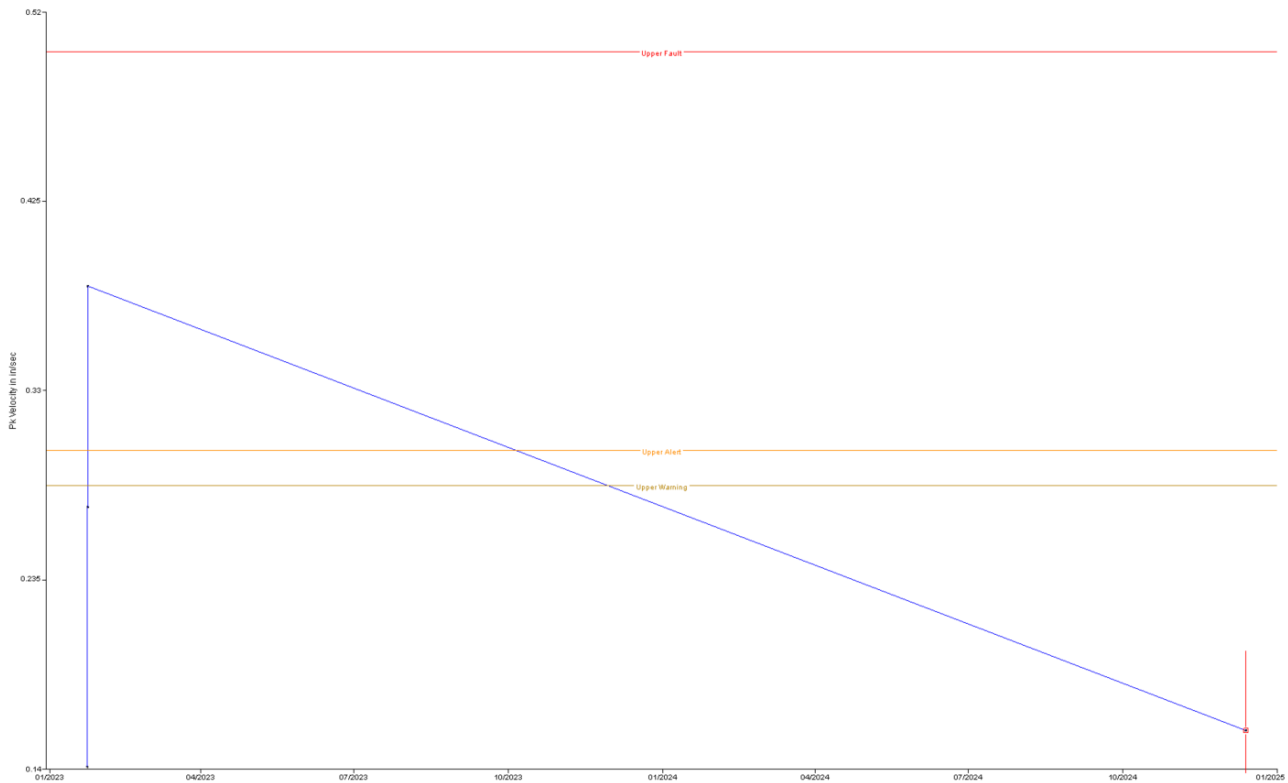
1/23/2023 10:21:37 AM

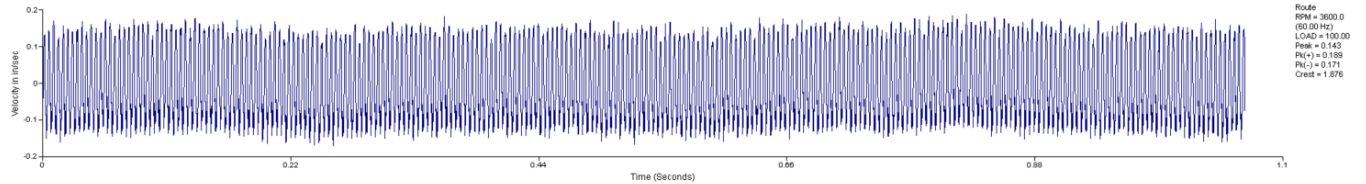
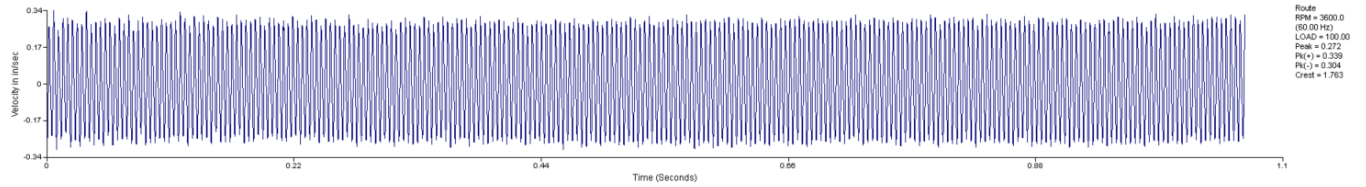
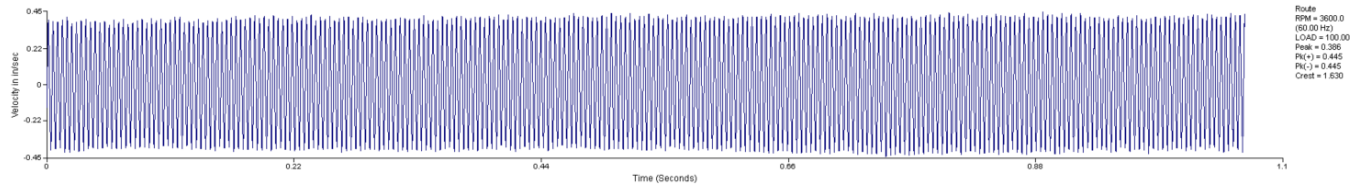
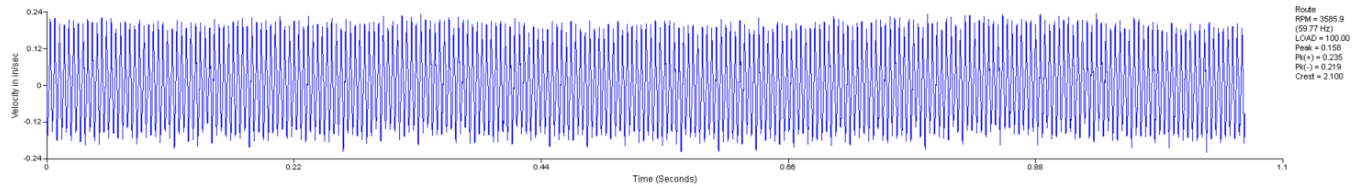
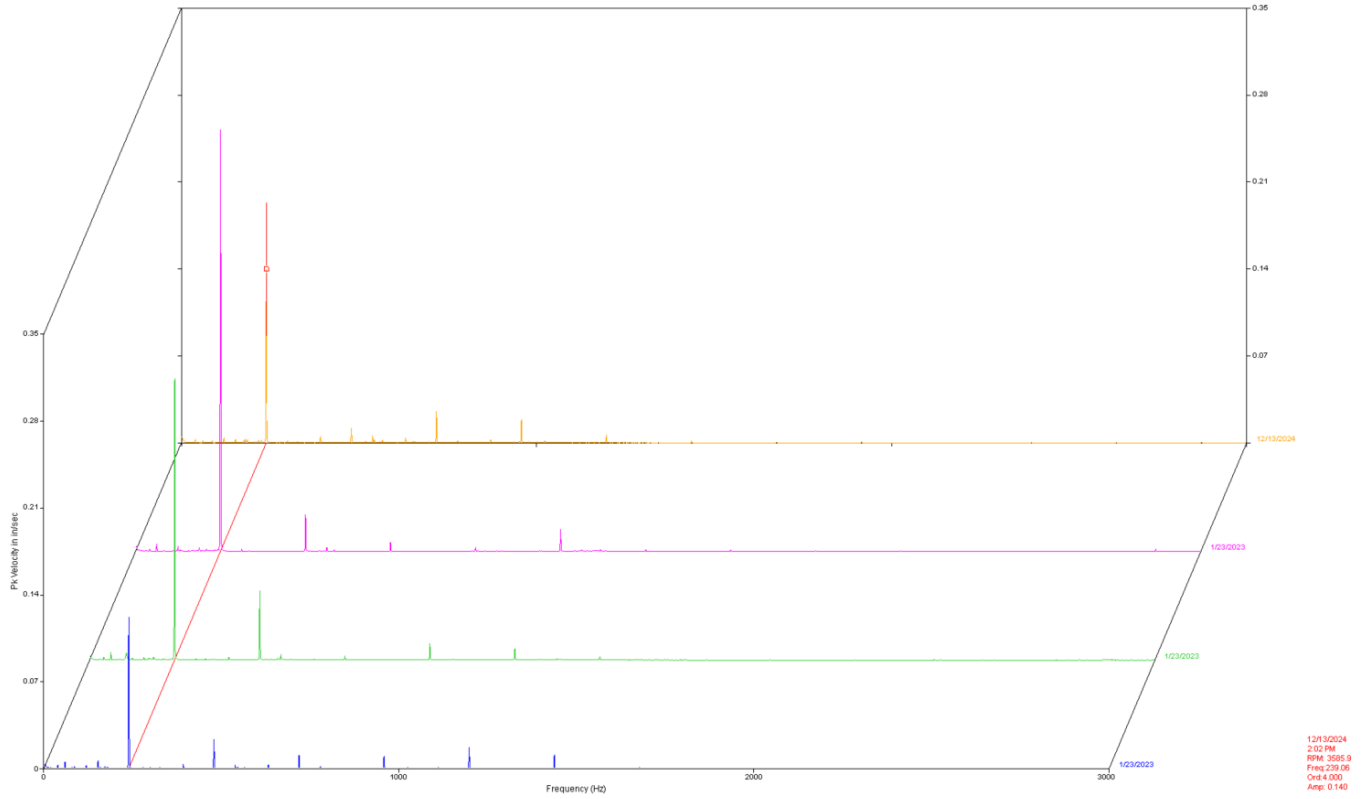


1/23/2023 9:19:23 AM

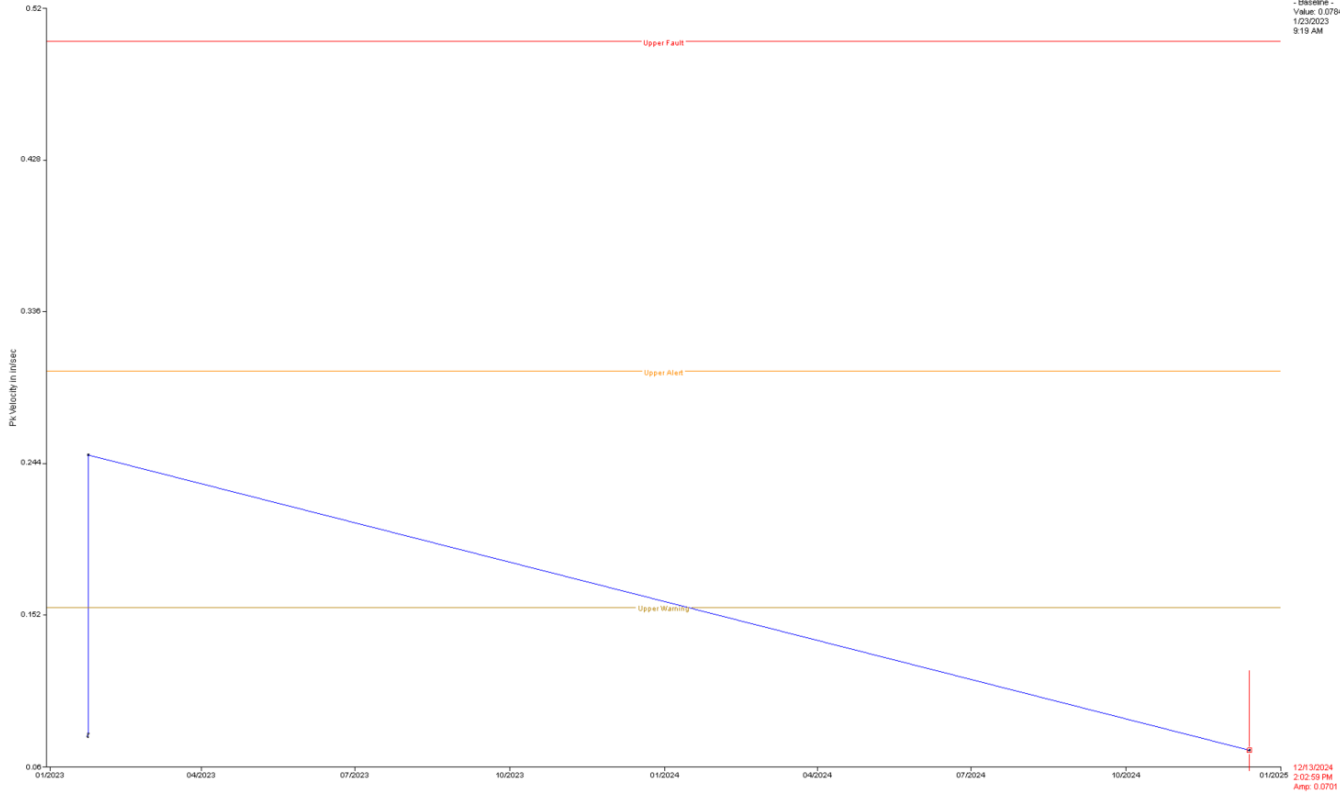


Overall Value

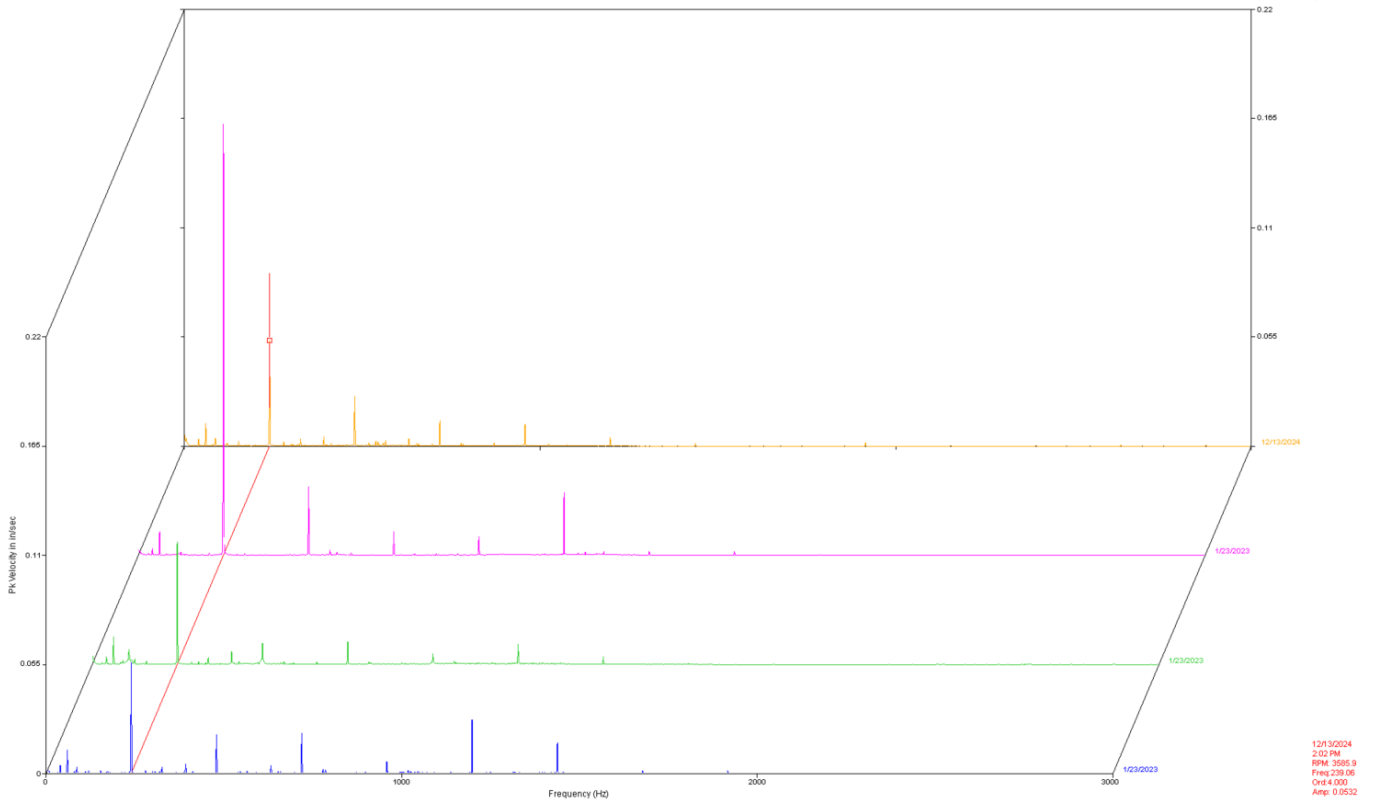




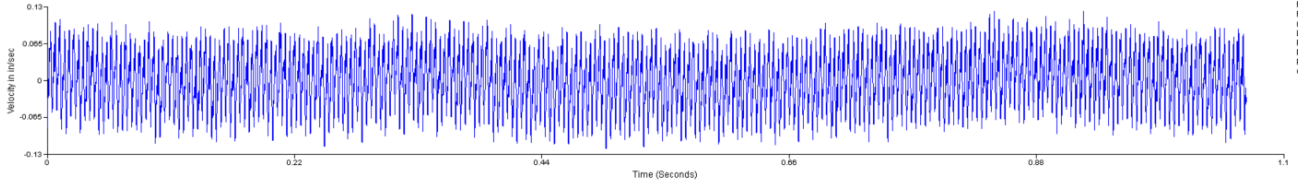
Overall Value
- Baseline -
Value: 0.0784
1/23/2023
8:19 AM



Multiple Route Spectra

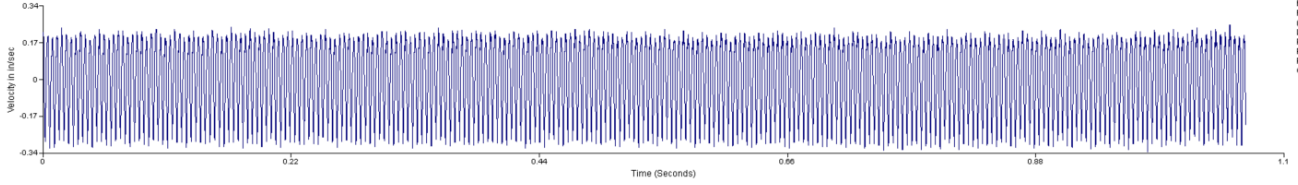


12/13/2024 2:02:59 PM



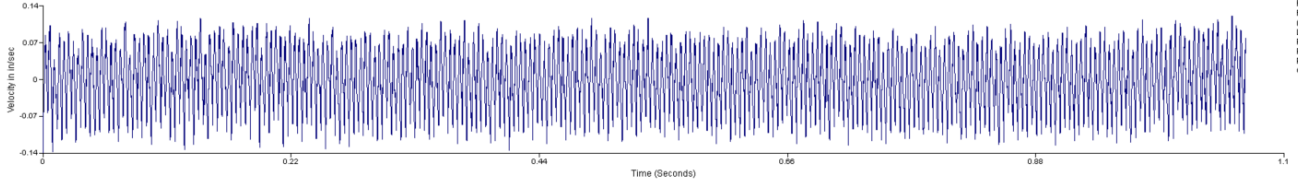
Route
RPM = 3585.9
(59.77 Hz)
LOAD = 100.00
Peak = 0.0713
Pk(-) = 0.123
Pk(+) = 0.125
Crest = 2.435

1/23/2023 12:51:32 PM



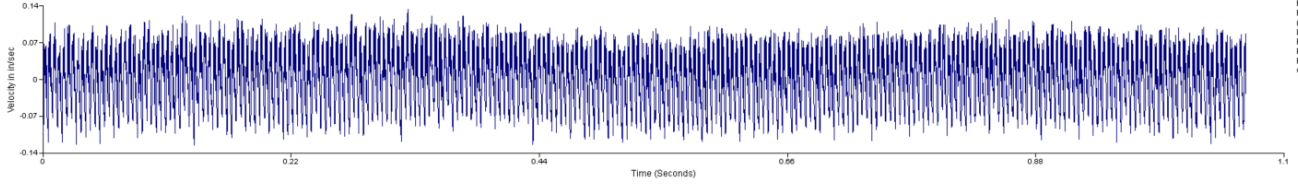
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.239
Pk(-) = 0.253
Pk(+) = 0.234
Crest = 1.978

1/23/2023 10:21:37 AM



Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0778
Pk(-) = 0.122
Pk(+) = 0.139
Crest = 2.518

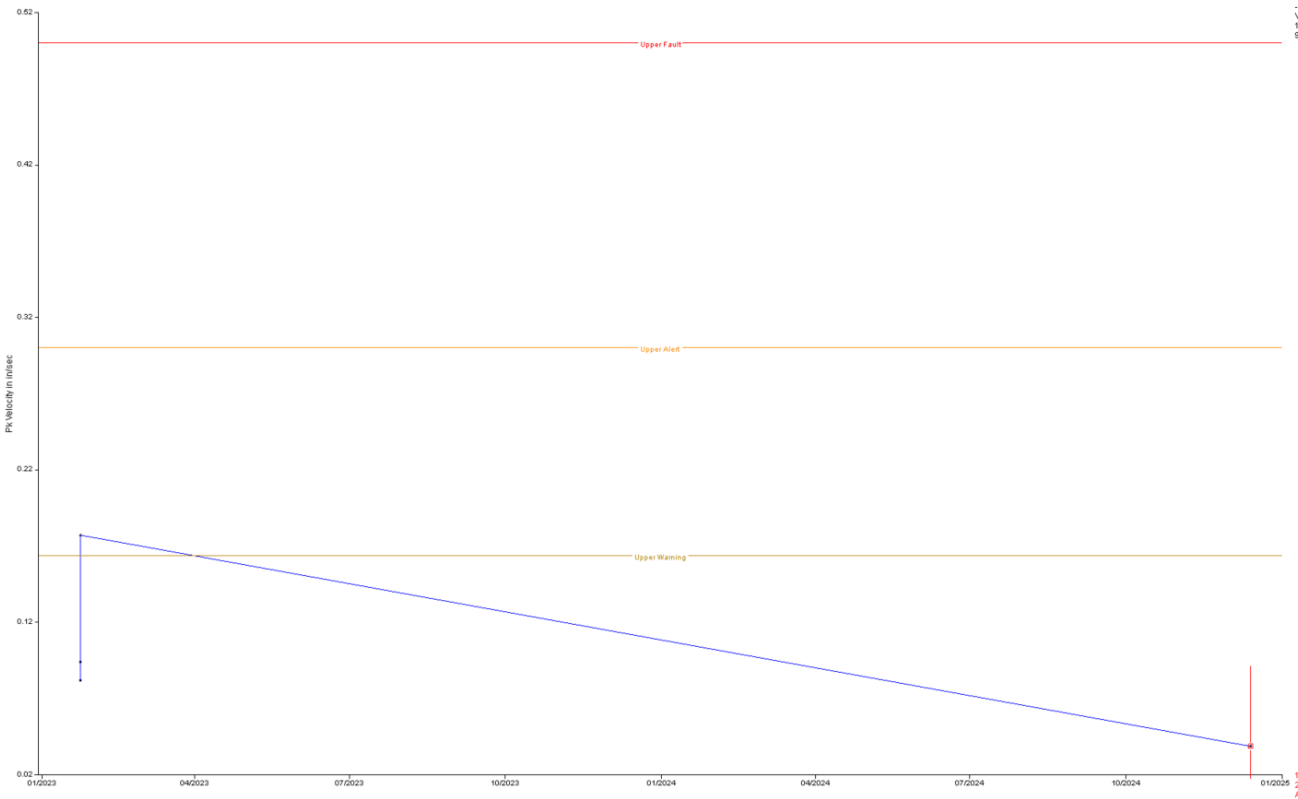
1/23/2023 9:19:23 AM



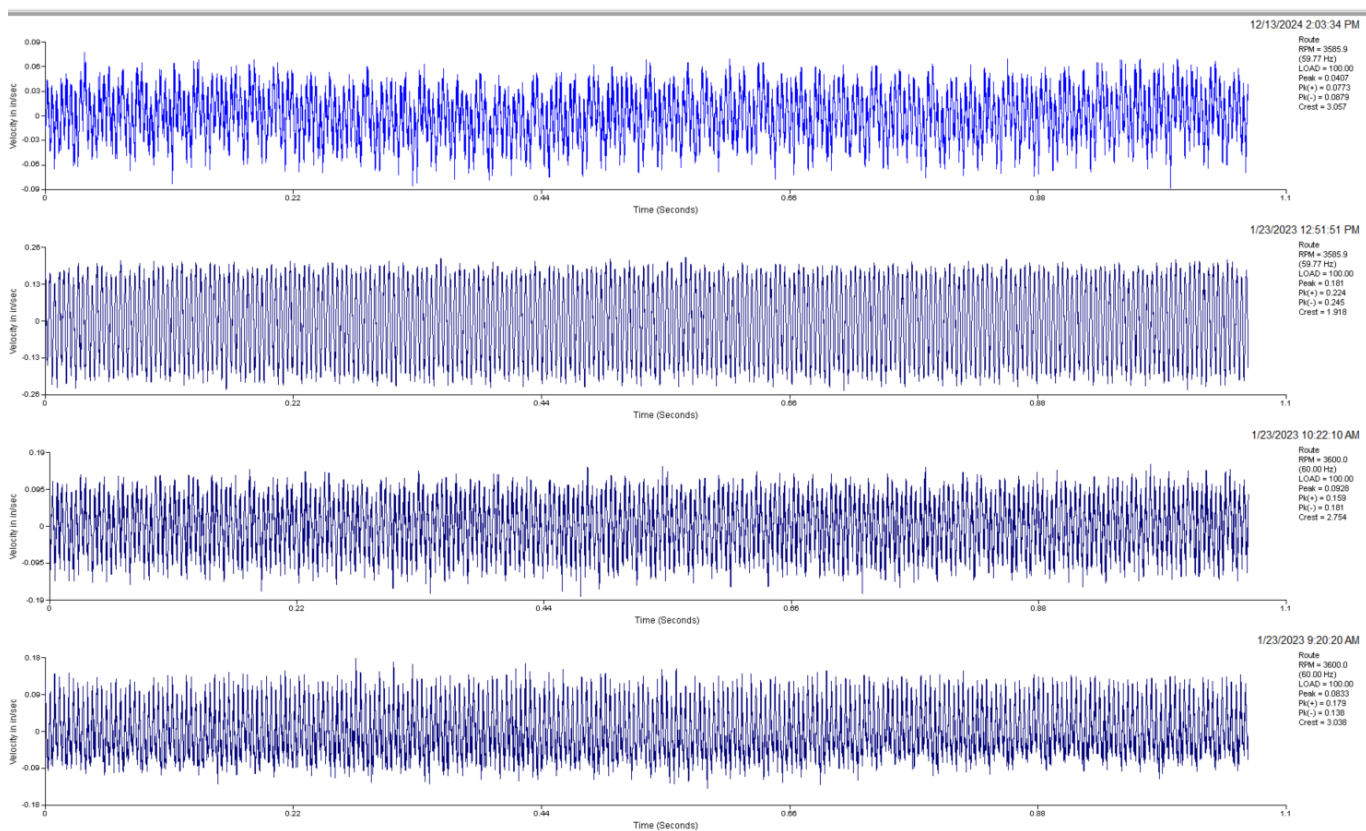
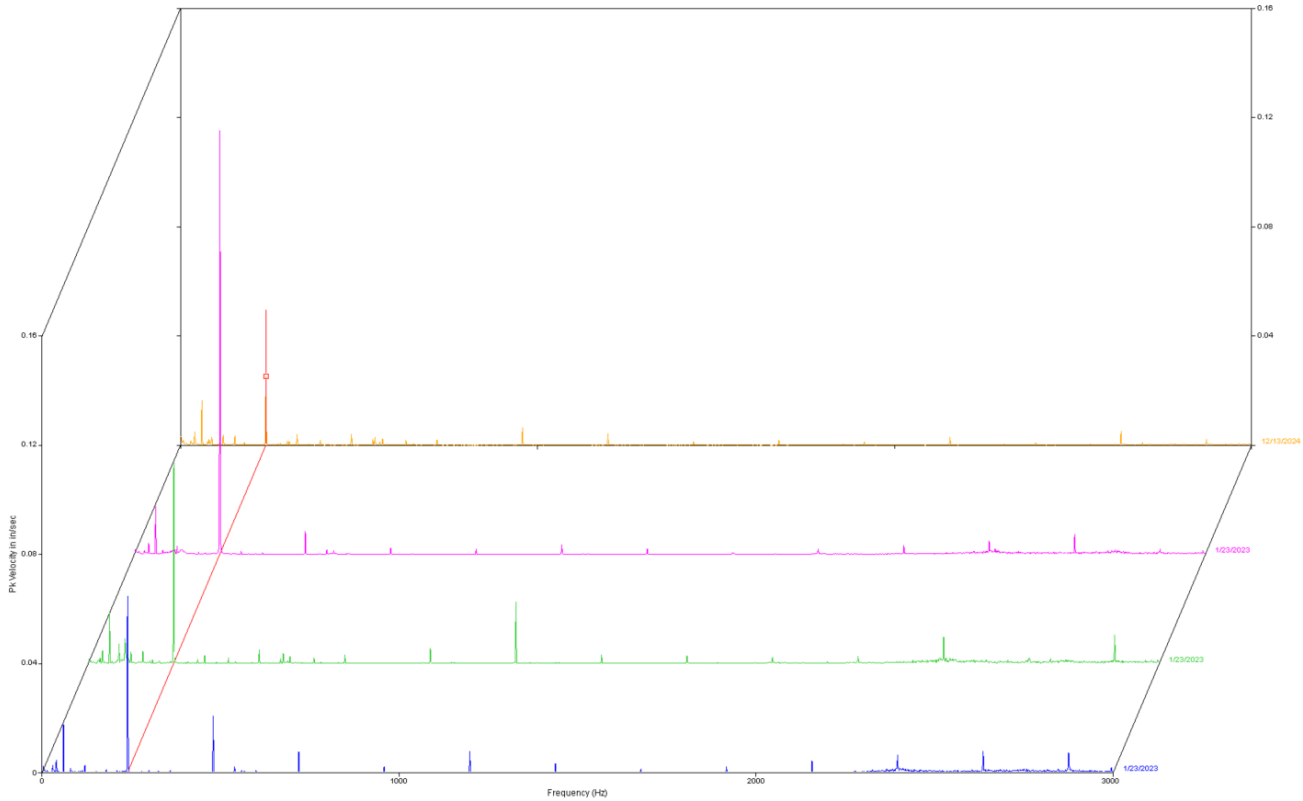
Route
RPM = 3600.0
(60.00 Hz)
LOAD = 100.00
Peak = 0.0790
Pk(-) = 0.125
Pk(+) = 0.125
Crest = 2.377

Overall Value

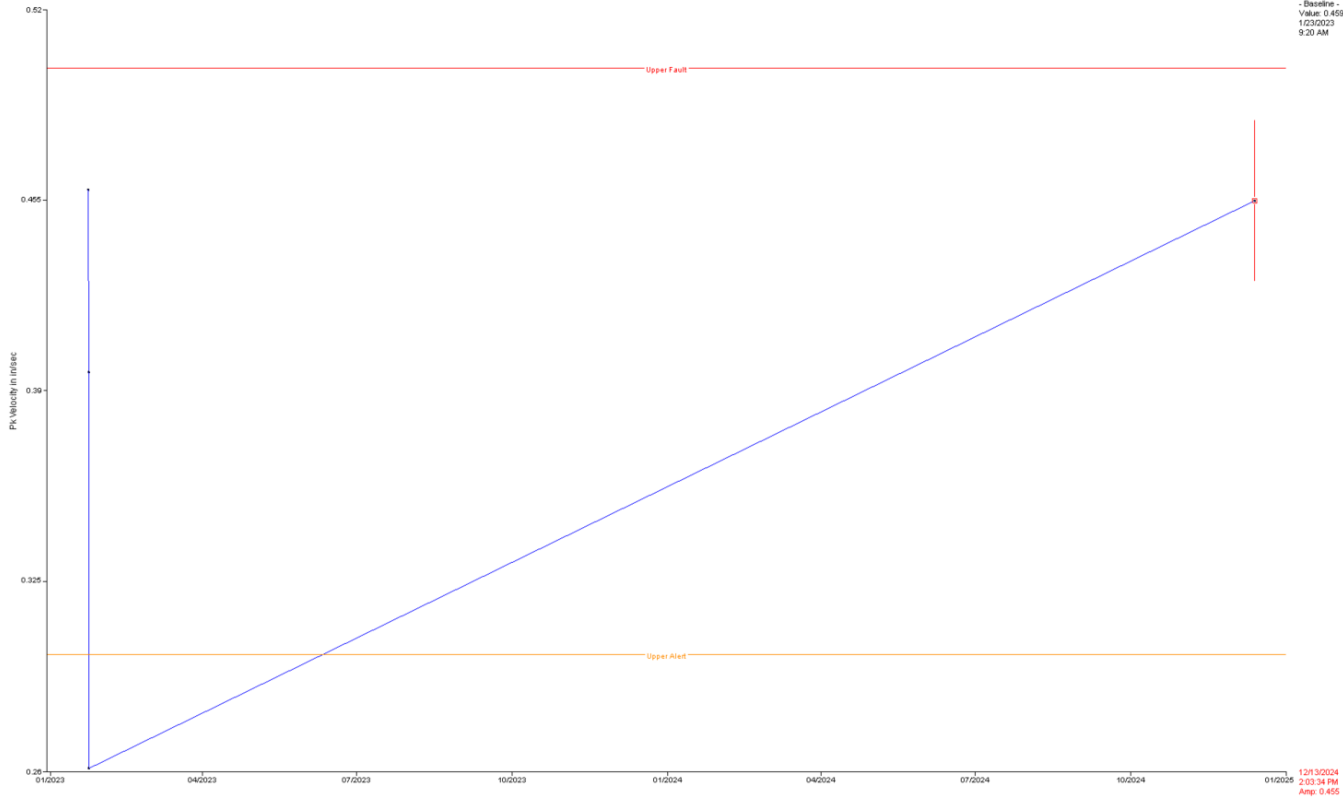
- Baseline -
Value: 0.0818
1/23/2023
9:20 AM



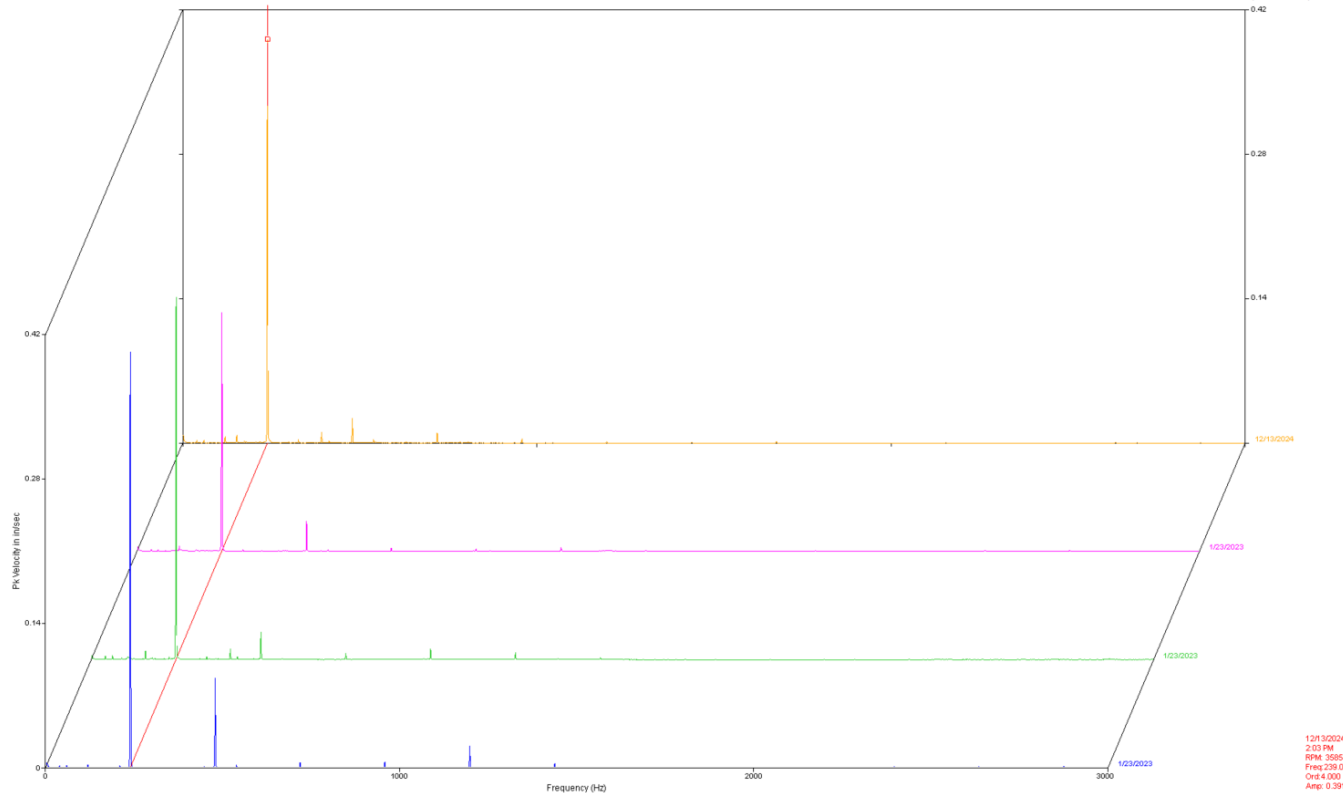
12/13/2024
2:03:34 PM
Amp: 0.0387



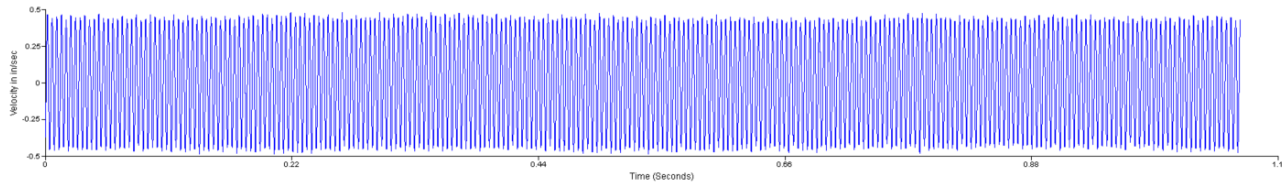
Overall Value
- Baseline -
Value: 0.459
1/23/2023
9:20 AM



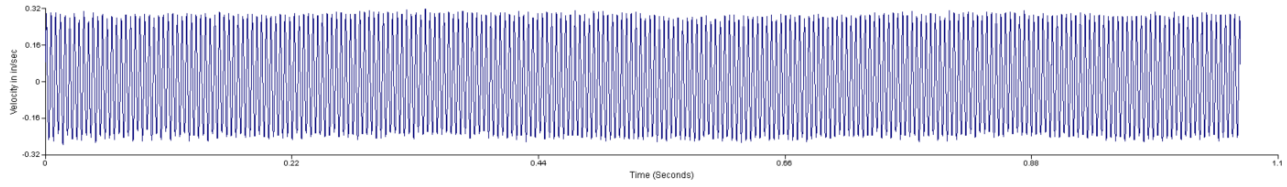
Multiple Route Spectra



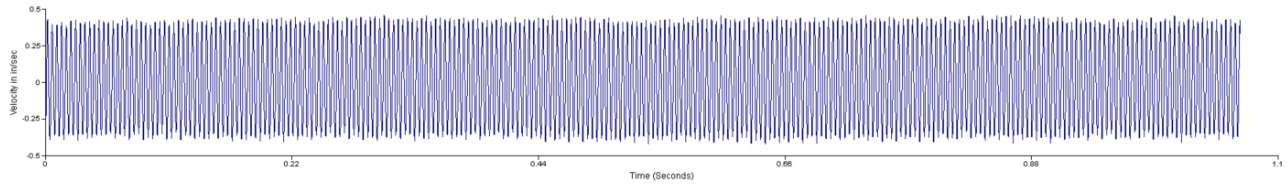
12/13/2023 2:03:34 PM



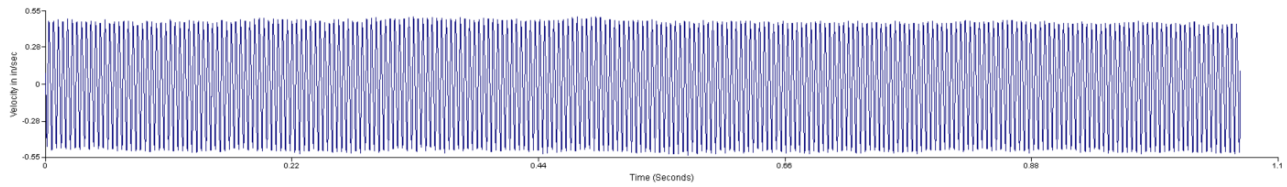
1/23/2023 12:51:51 PM



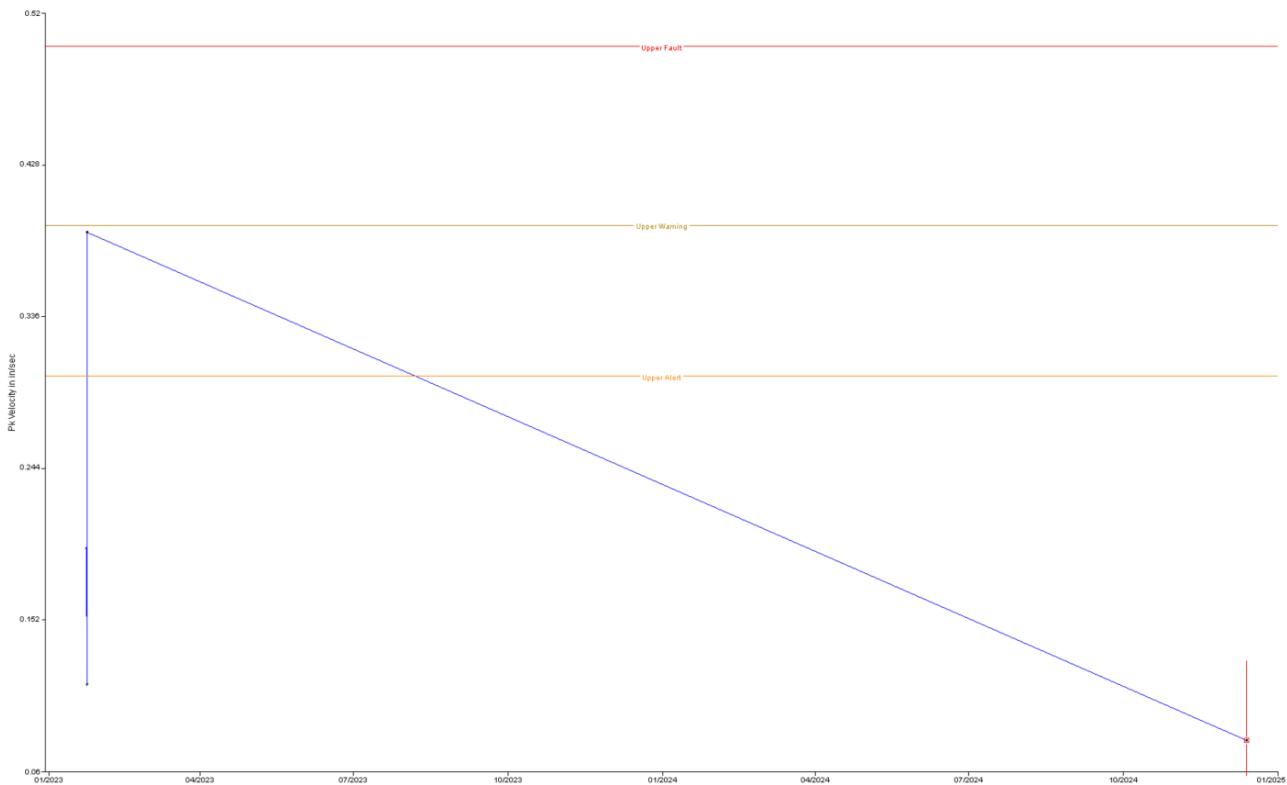
1/23/2023 10:22:10 AM

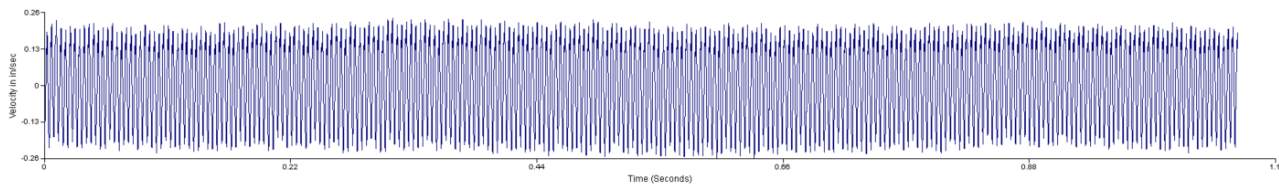
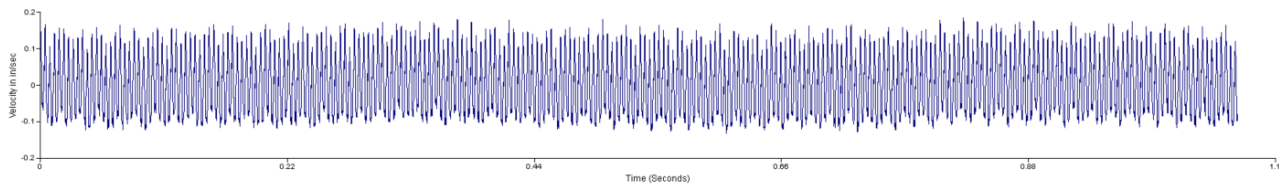
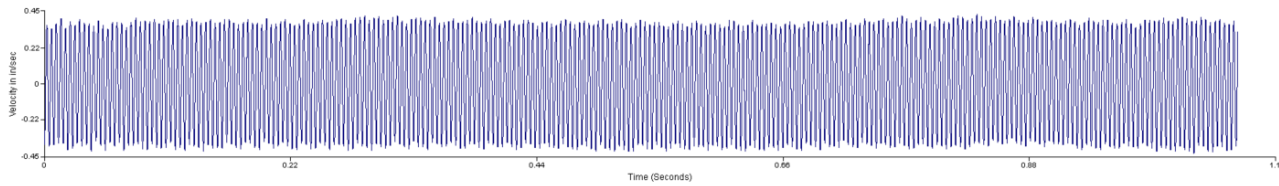
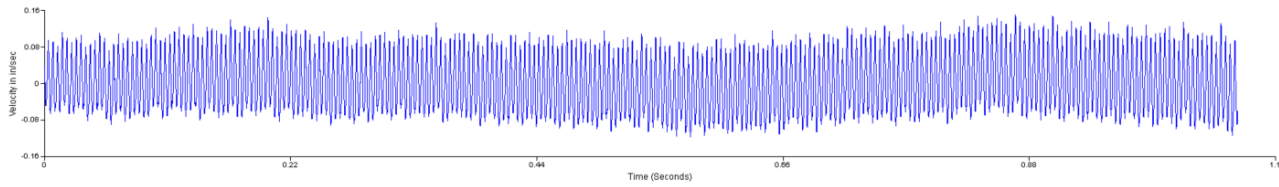
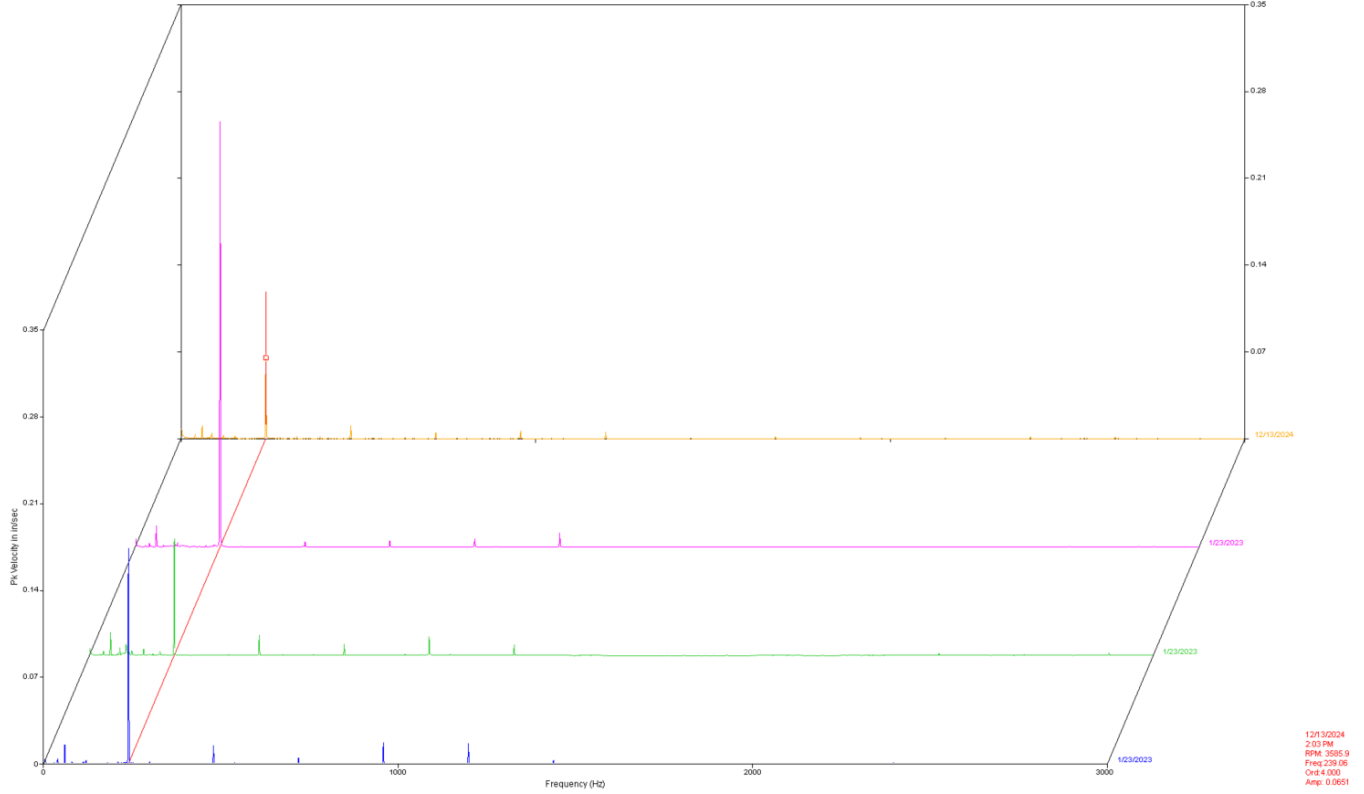


1/23/2023 9:20:20 AM

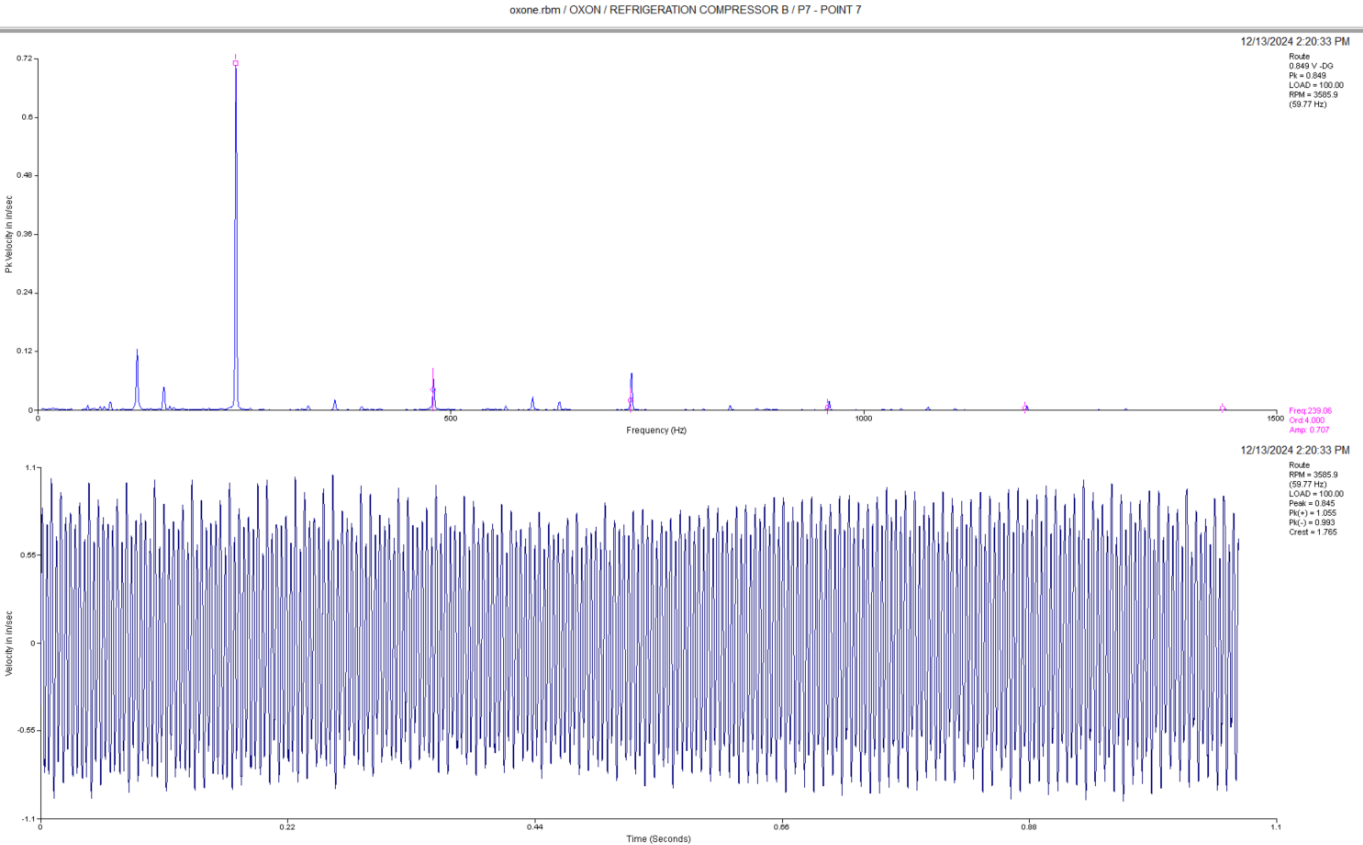


Overall Value

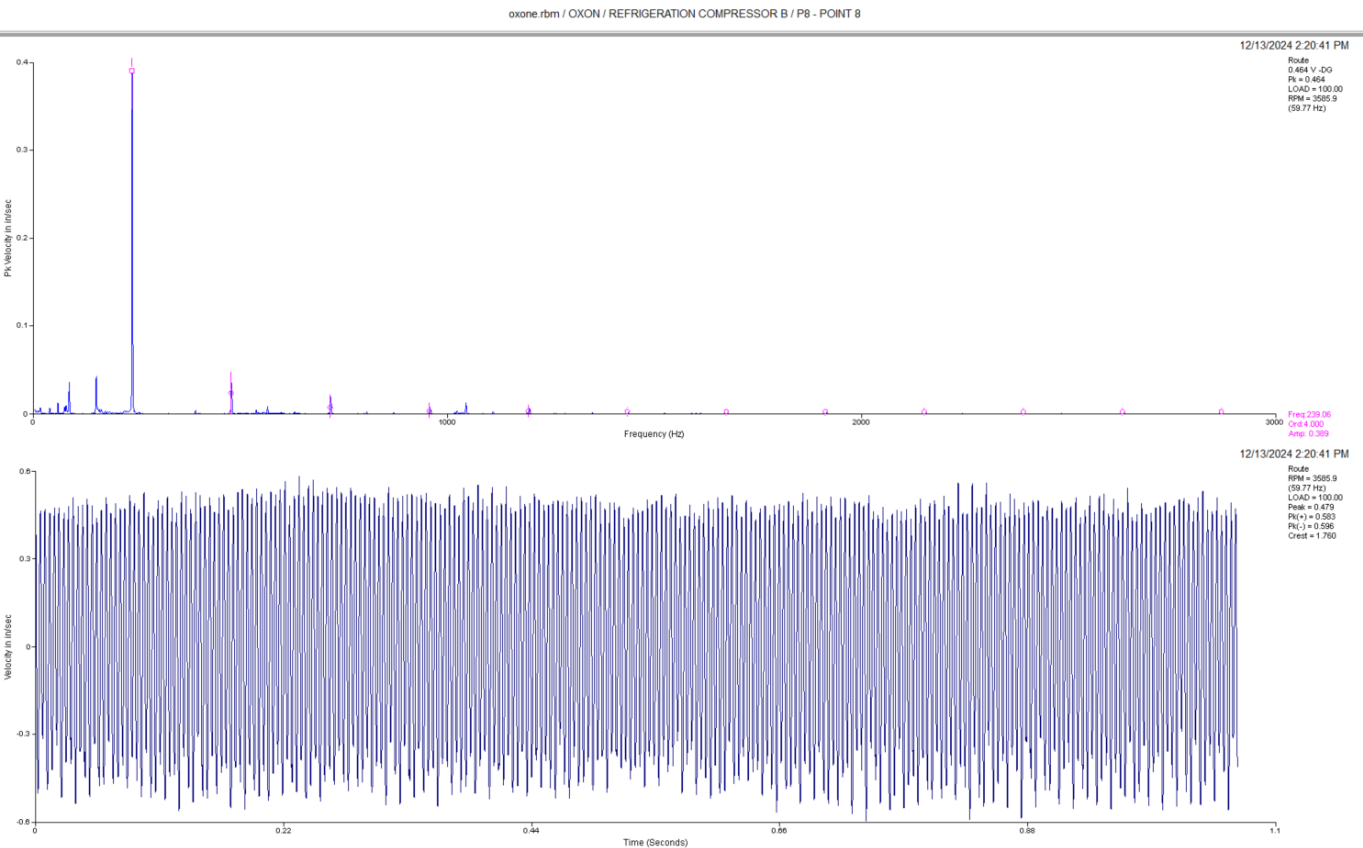




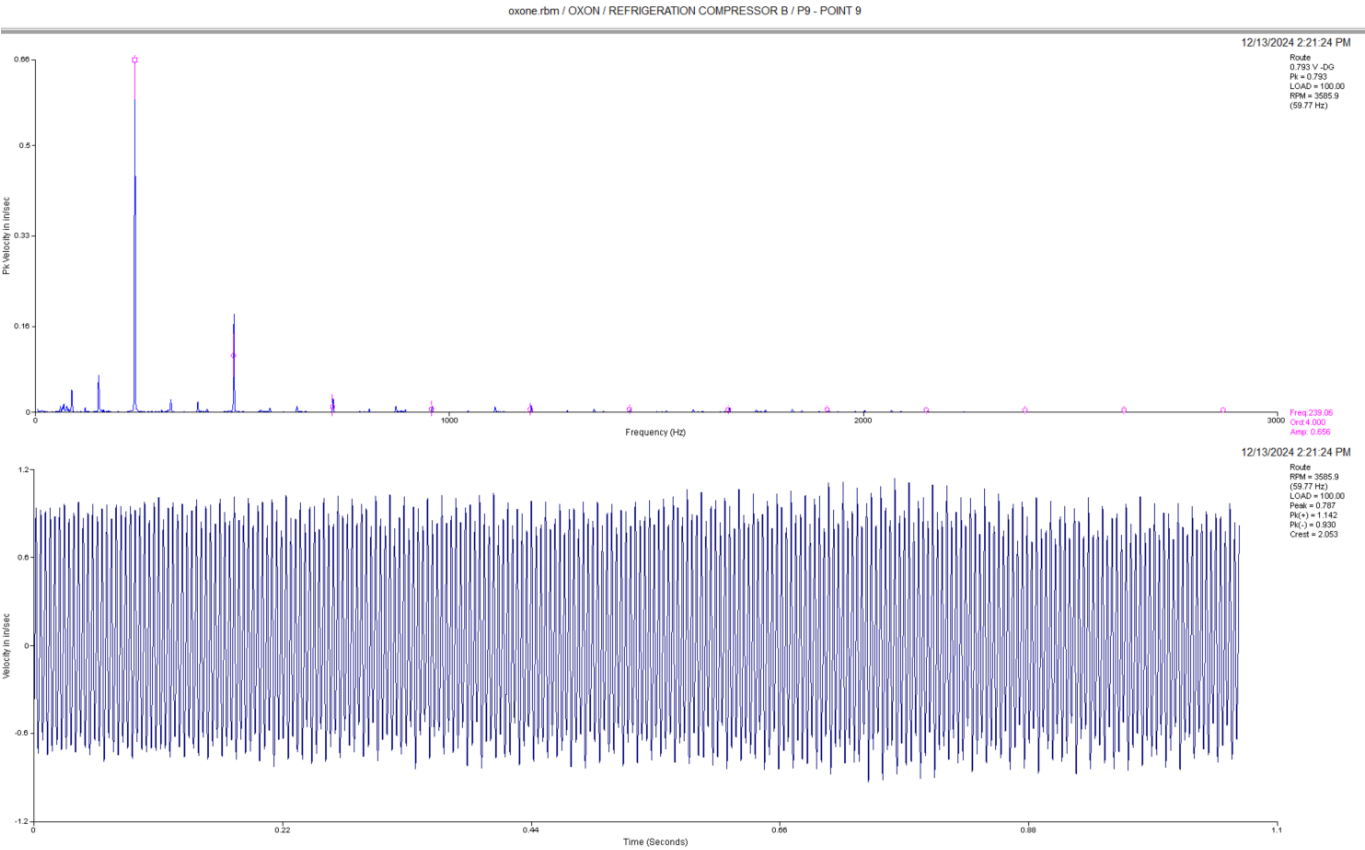
SUCTION (TOP) PIPE (in line with shaft)



SUCTION (TOP) PIPE (perpendicular to shaft)

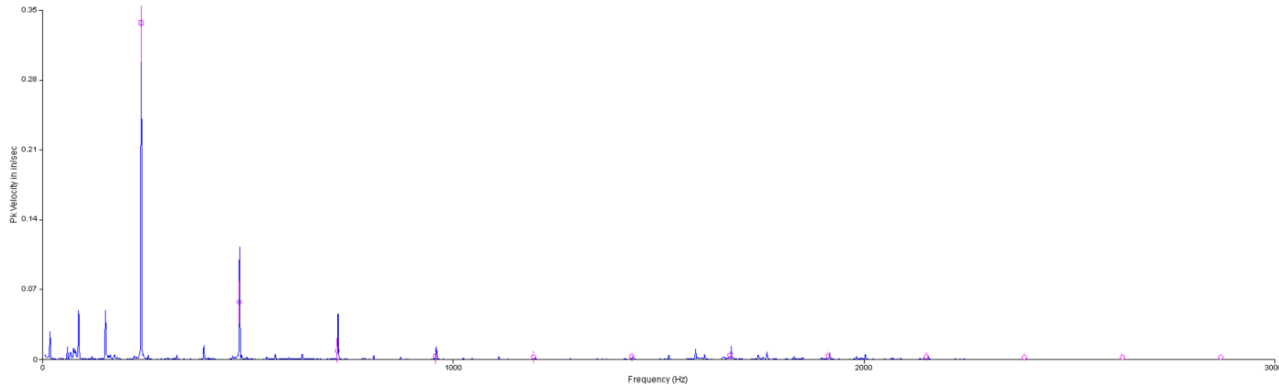


DISCHARGE (BOTTOM) PIPING (in line with shaft)

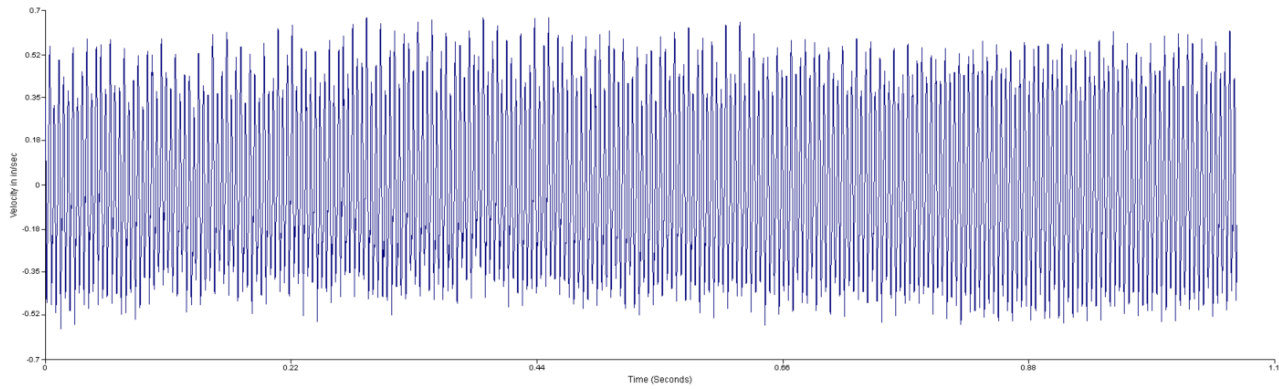


DISCHARGE (BOTTOM) PIPING (perpendicular with shaft)

12/13/2024 2:21:01 PM



12/13/2024 2:21:01 PM



Abbreviated Last Measurement Summary

MEASUREMENT POINT -----	OVERALL LEVEL -----	HFD / VHFD -----
REFGCOMPA - REFRIGERATION COMPRESSOR A (21-Aug-24)		
	OVERALL LEVEL	1-20 kHz
MOH	.067 In/Sec	.477 G-s
MOV	.045 In/Sec	.261 G-s
MOA	.029 In/Sec	.141 G-s
MIH	.055 In/Sec	.781 G-s
MIV	.032 In/Sec	.180 G-s
MIA	.029 In/Sec	.188 G-s
C1H	.034 In/Sec	.297 G-s
C1V	.027 In/Sec	.140 G-s
C1A	.052 In/Sec	.209 G-s
C2H	.039 In/Sec	.580 G-s
C2V	.319 In/Sec	.168 G-s
C2A	.104 In/Sec	.125 G-s
C3H	.065 In/Sec	.396 G-s
C3V	.288 In/Sec	.234 G-s
C3A	.127 In/Sec	.250 G-s
C4H	.052 In/Sec	.849 G-s
C4V	.065 In/Sec	.178 G-s
C4A	.166 In/Sec	.205 G-s
* P9	.615 In/Sec	.145 G-s
* P10	1.508 In/Sec	.107 G-s

REFGCOMPB - REFRIGERATION COMPRESSOR B (13-Dec-24)			
	OVERALL LEVEL	1-20 kHz	
MOH	.084 In/Sec	.355 G-s	
MOV	.055 In/Sec	.146 G-s	
MOA	.030 In/Sec	.102 G-s	
MIH	.062 In/Sec	.294 G-s	
MIV	.034 In/Sec	.060 G-s	
MIA	.035 In/Sec	.109 G-s	
C1H	.058 In/Sec	.452 G-s	
C1V	.283 In/Sec	.194 G-s	
C1A	.050 In/Sec	.159 G-s	
C2H	.087 In/Sec	.944 G-s	
C2V	.271 In/Sec	.109 G-s	
C2A	.075 In/Sec	.254 G-s	
C3H	.053 In/Sec	.376 G-s	
C3V	.159 In/Sec	.187 G-s	
C3A	.070 In/Sec	.152 G-s	
C4H	.039 In/Sec	.817 G-s	
C4V	.455 In/Sec	.135 G-s	
C4A	.079 In/Sec	.205 G-s	
P7	.849 In/Sec	.464 G-s	
P8	.464 In/Sec	.374 G-s	
P9	.793 In/Sec	.598 G-s	
P10	.430 In/Sec	1.523 G-s	

Clarification Of Vibration Units:

Acc	-->	G-s	PK
Vel	-->	In/Sec	PK

* - Indicates Data Has Date/Time Different From Machine Date/Time

As always, it has been a pleasure to serve your Lanxess. If there are any comments or questions, do not hesitate to contact us.

Sincerely,



ISO Certified Vibration Analyst, Category III



QualiTest® Diagnostics

Cell: 901-486-4565

Email: kwilliam@gohispeed.com

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