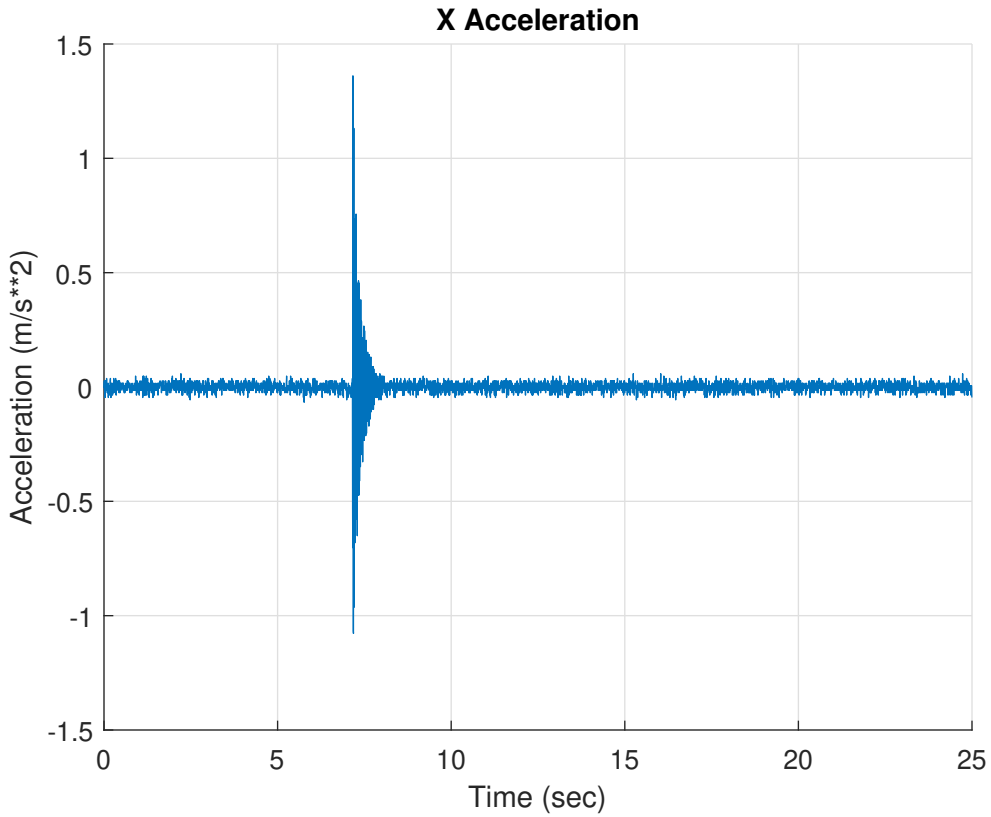
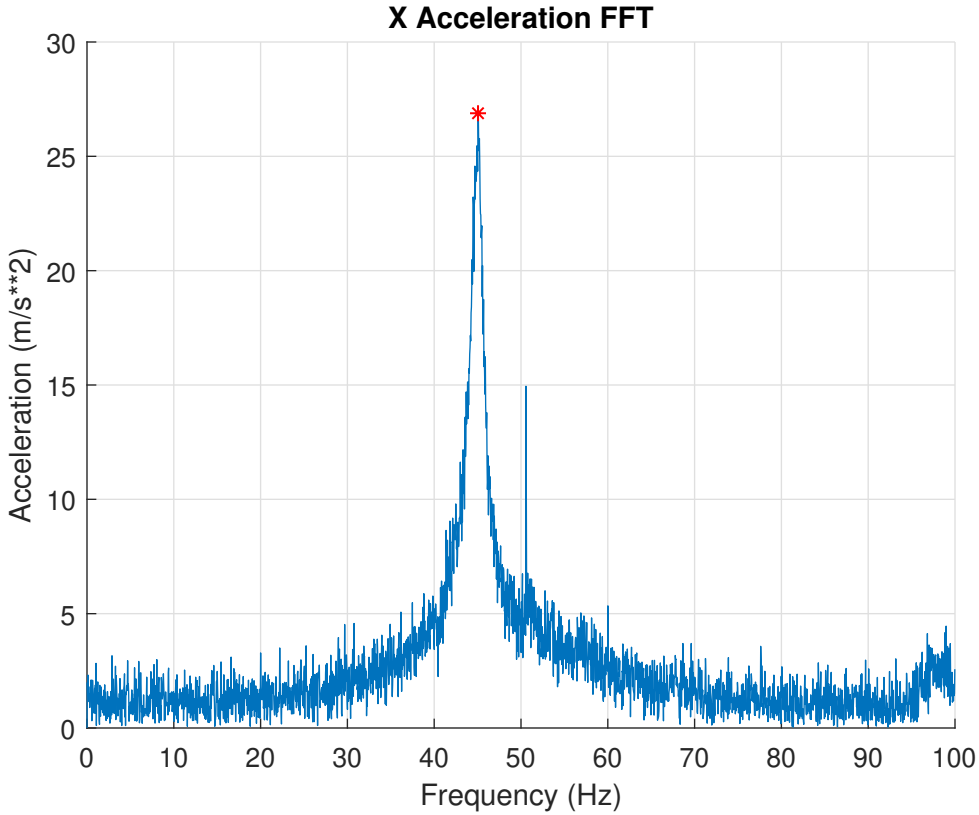
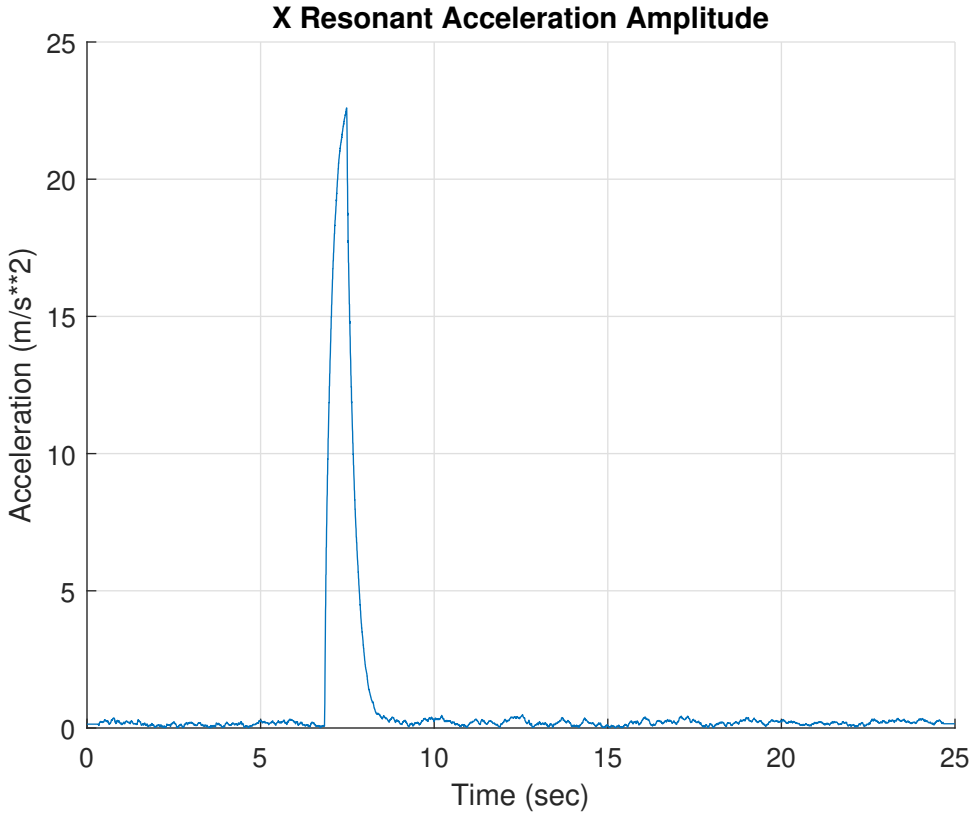
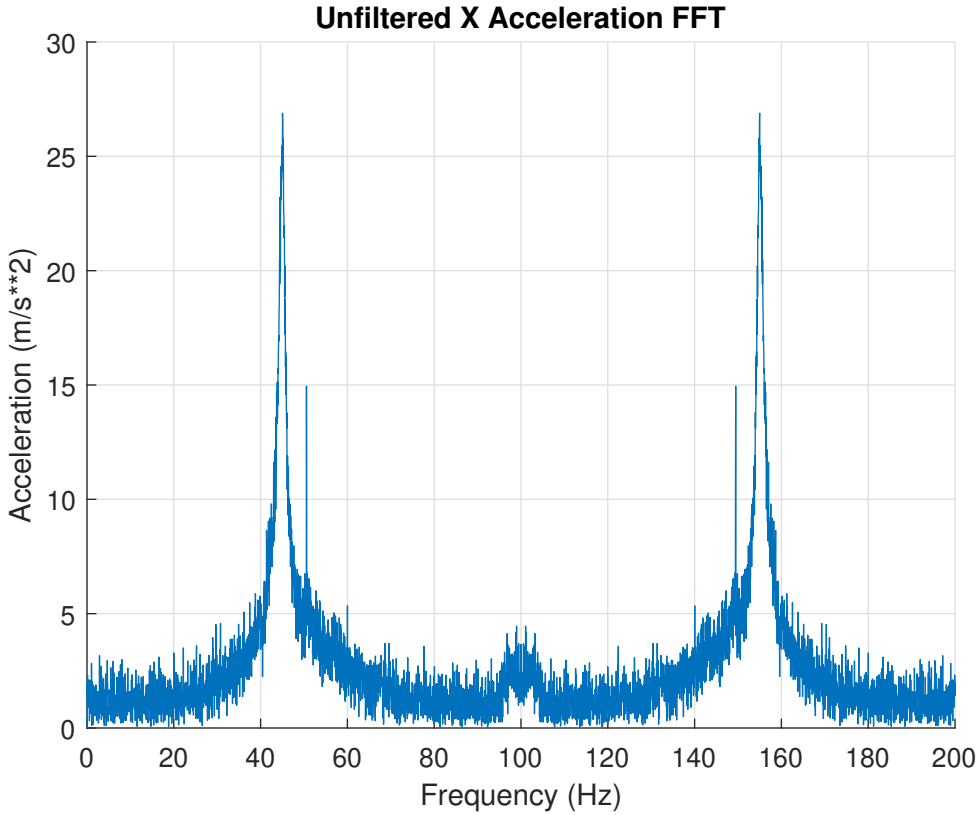
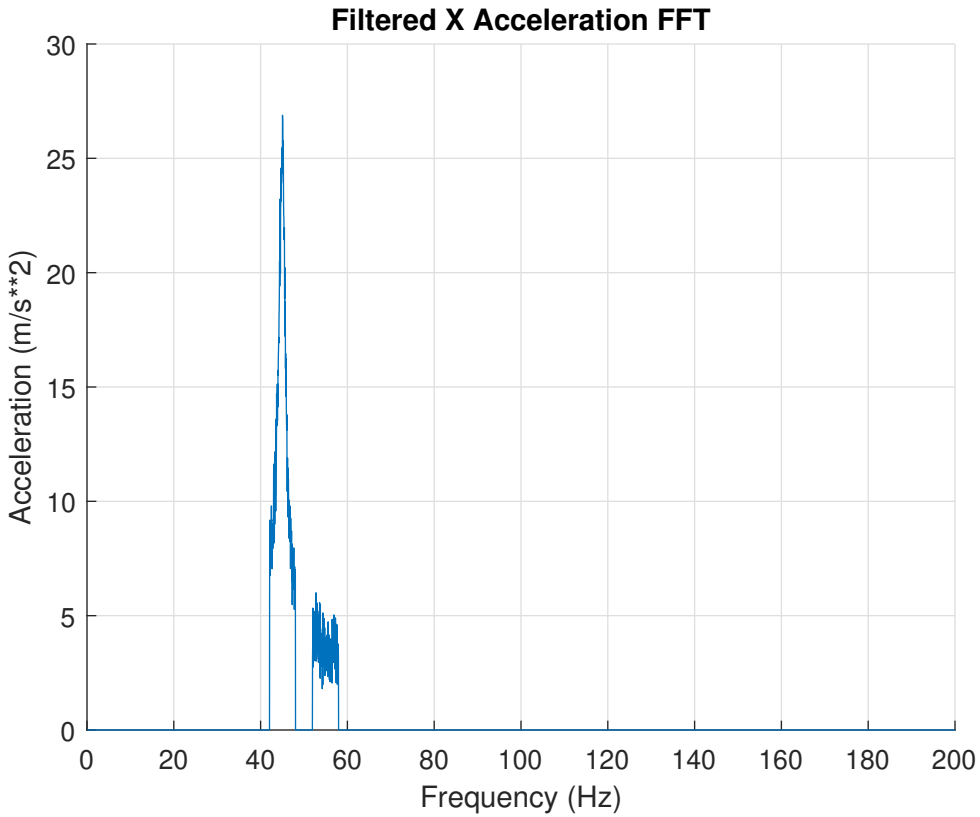
SLAC Magnetic Measurements#
Date: 05-24-2018#
Time: 17:45:09#

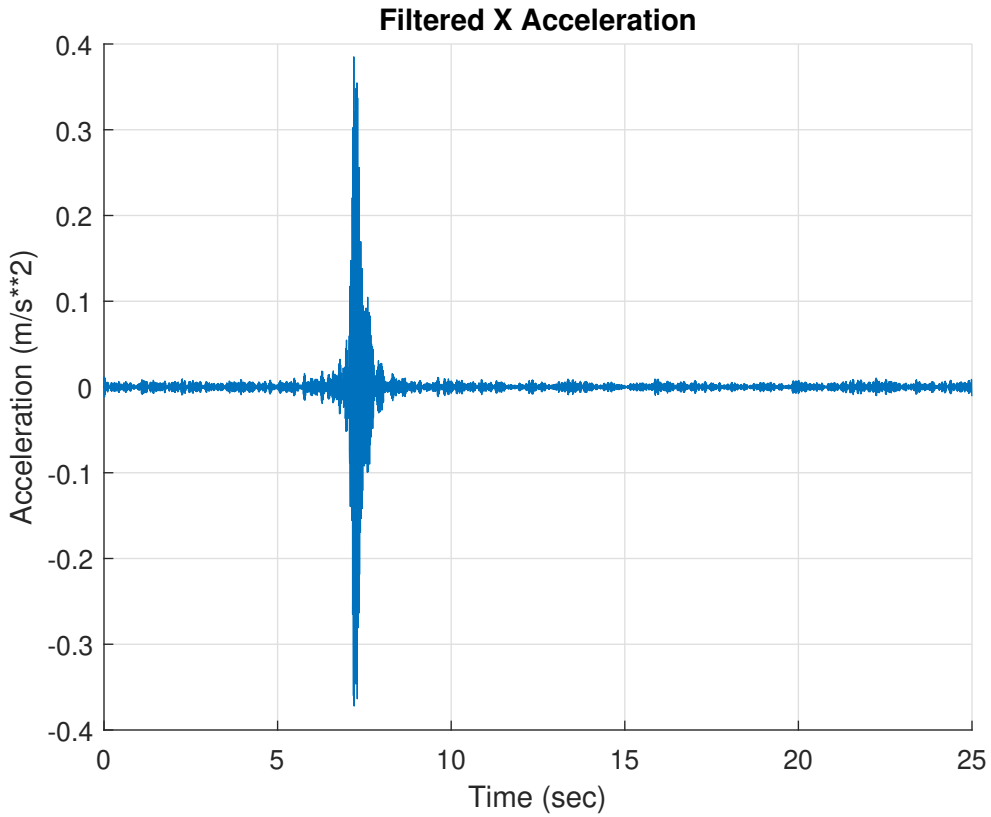

X Acceleration
Acceleration (m/s**2)
1.5
1
0.5
0
-0.5
-1
-1.5
0
5
10
15
20
25
Time (sec)

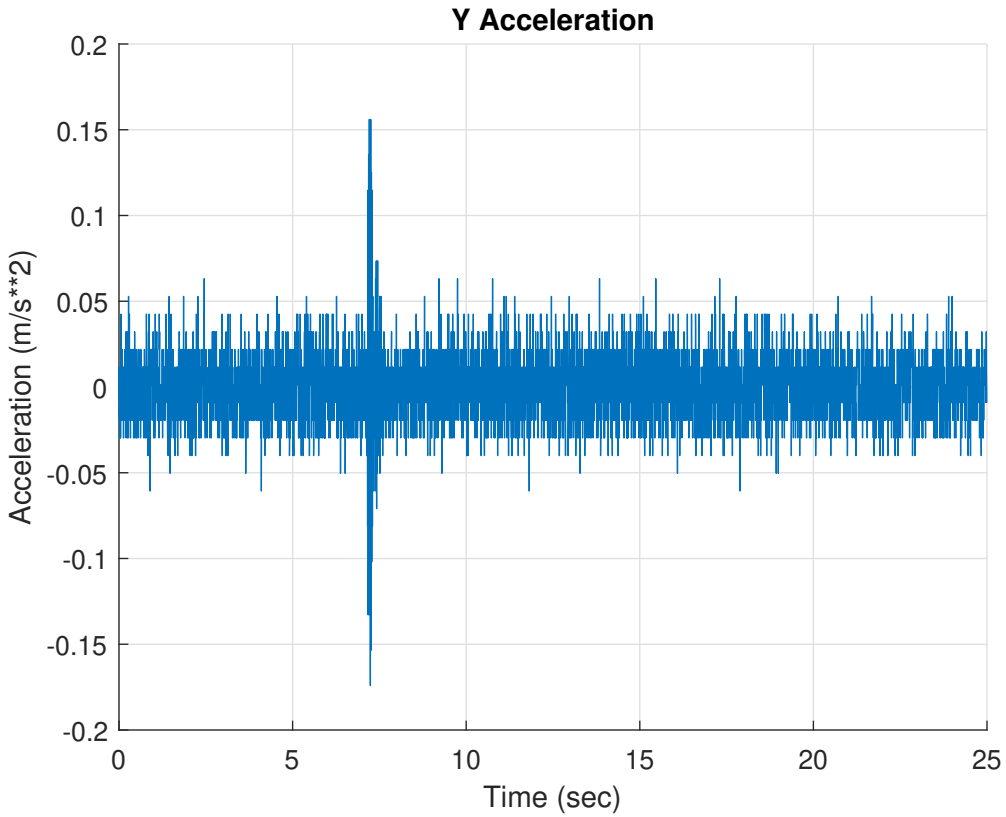

X Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
30
0
10
20
30
40
50
60
70
80
90
100

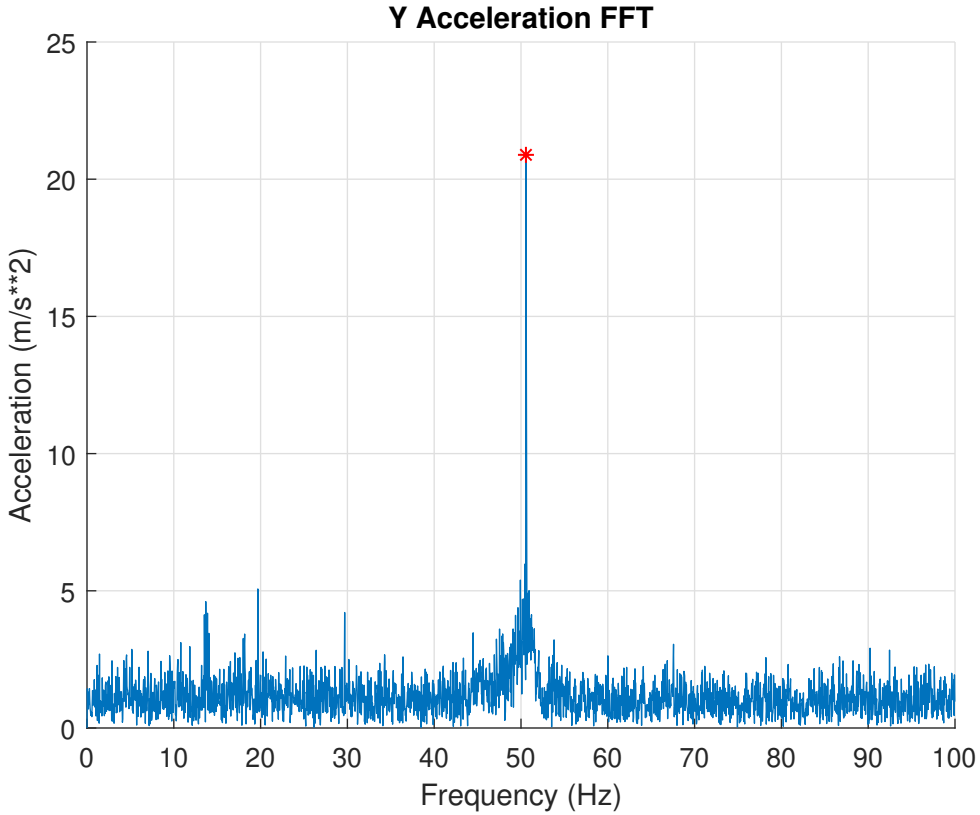

X Resonant Acceleration Amplitude
Acceleration (m/s**2)
Time (sec)
0
5
10
15
20
25

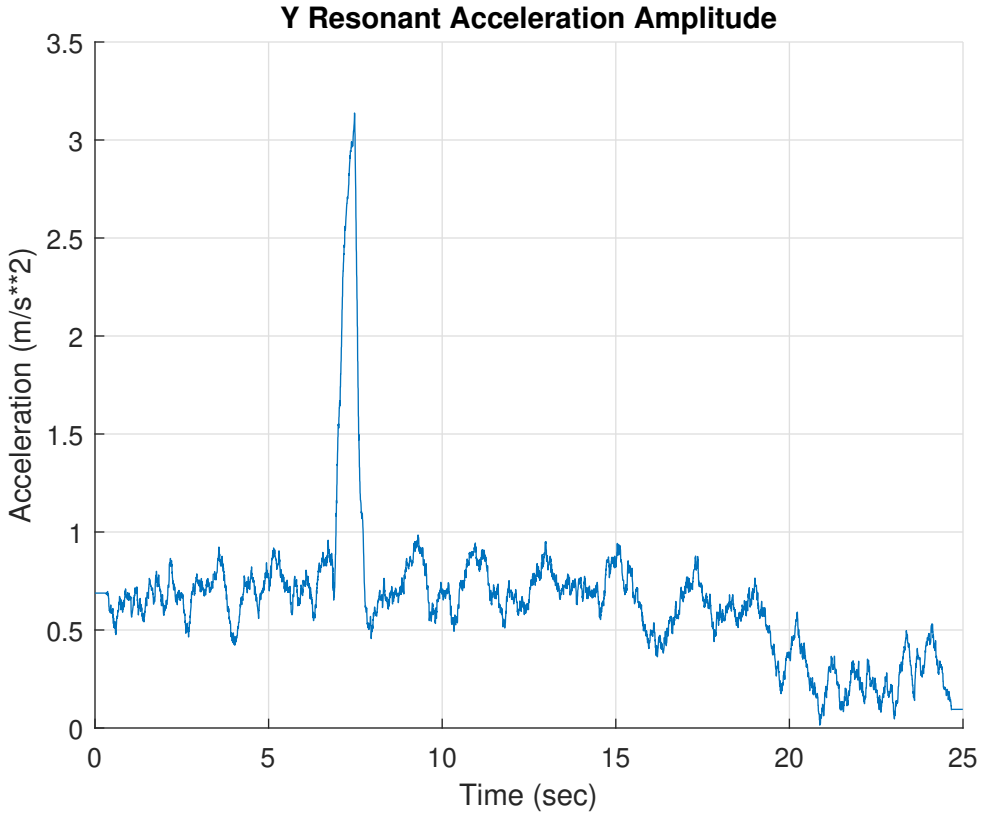

Unfiltered X Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
30
0
20
40
60
80
100
120
140
160
180
200

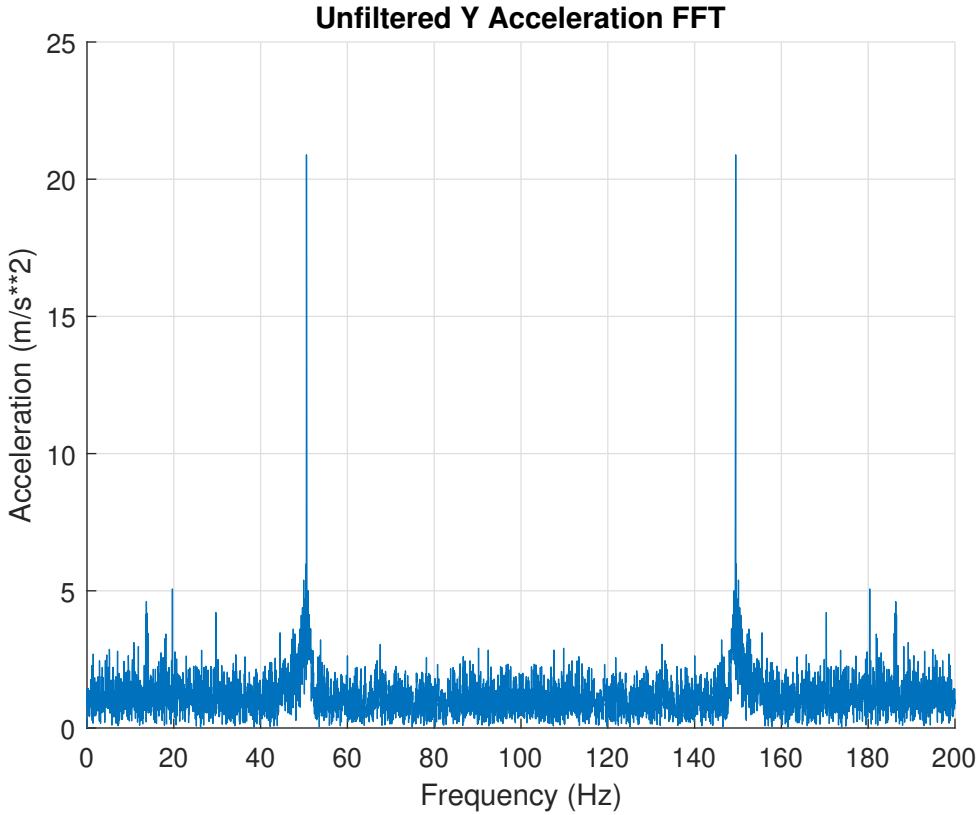

Filtered X Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
30
0
20
40
60
80
100
120
140
160
180
200

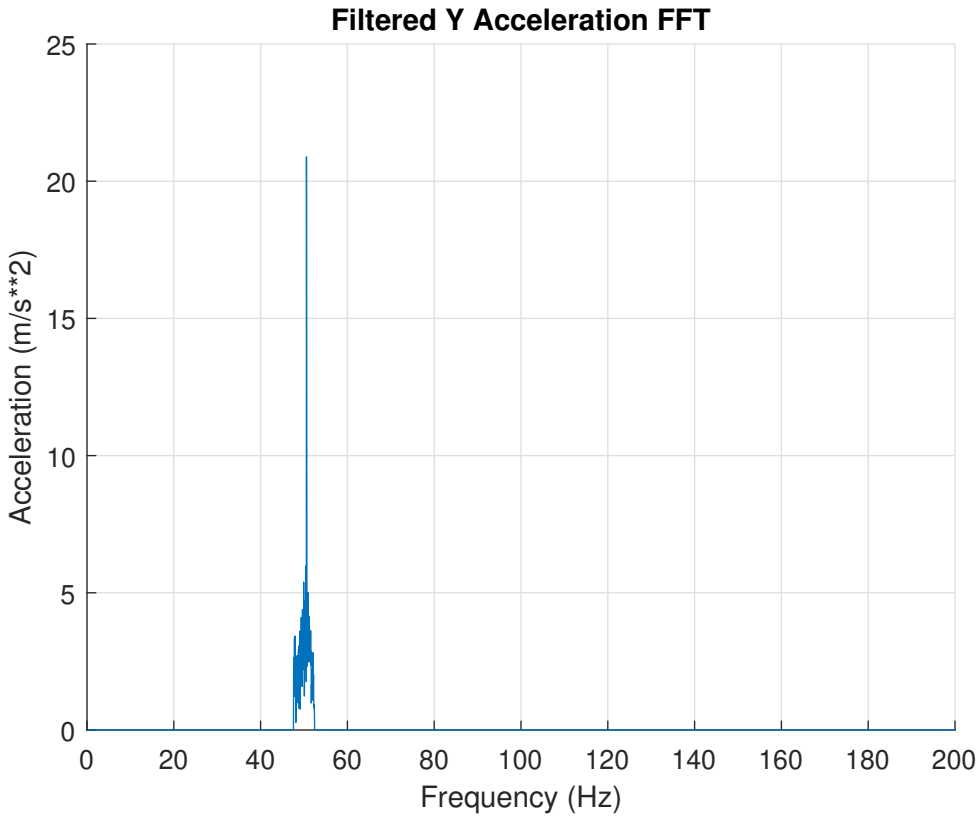

Filtered X Acceleration
Acceleration (m/s**2)
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
0
5
10
15
20
25
Time (sec)

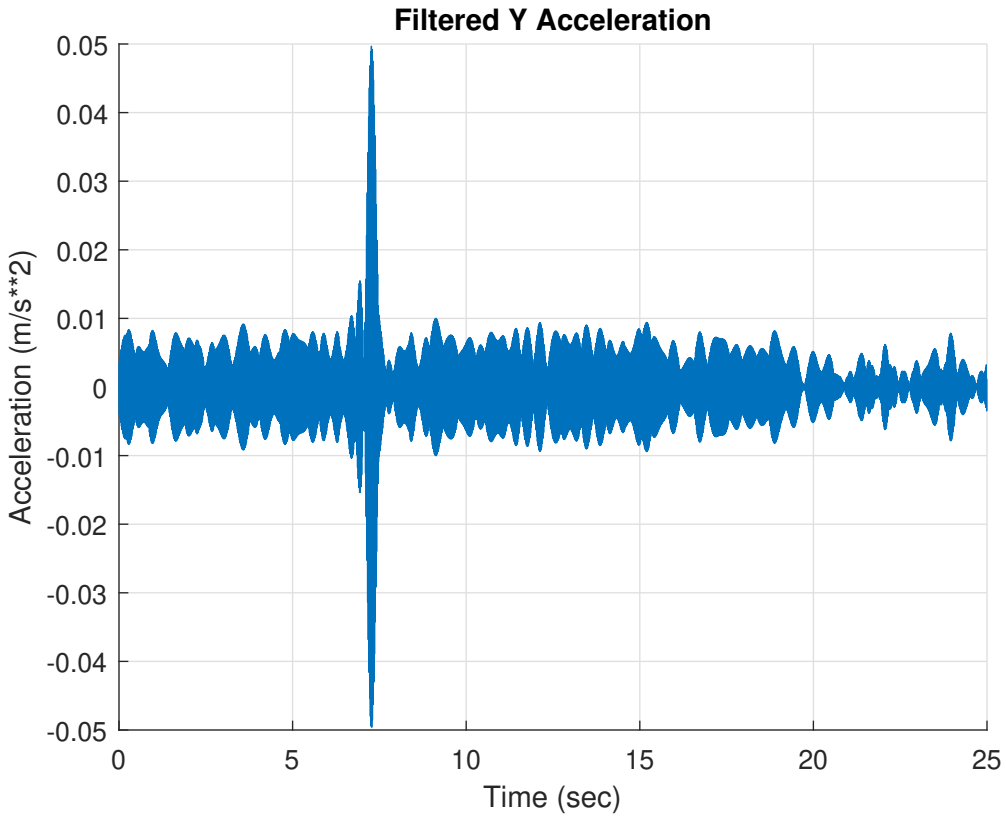

Y Acceleration
Acceleration (m/s**2)
Time (sec)
0.2
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
0
5
10
15
20
25

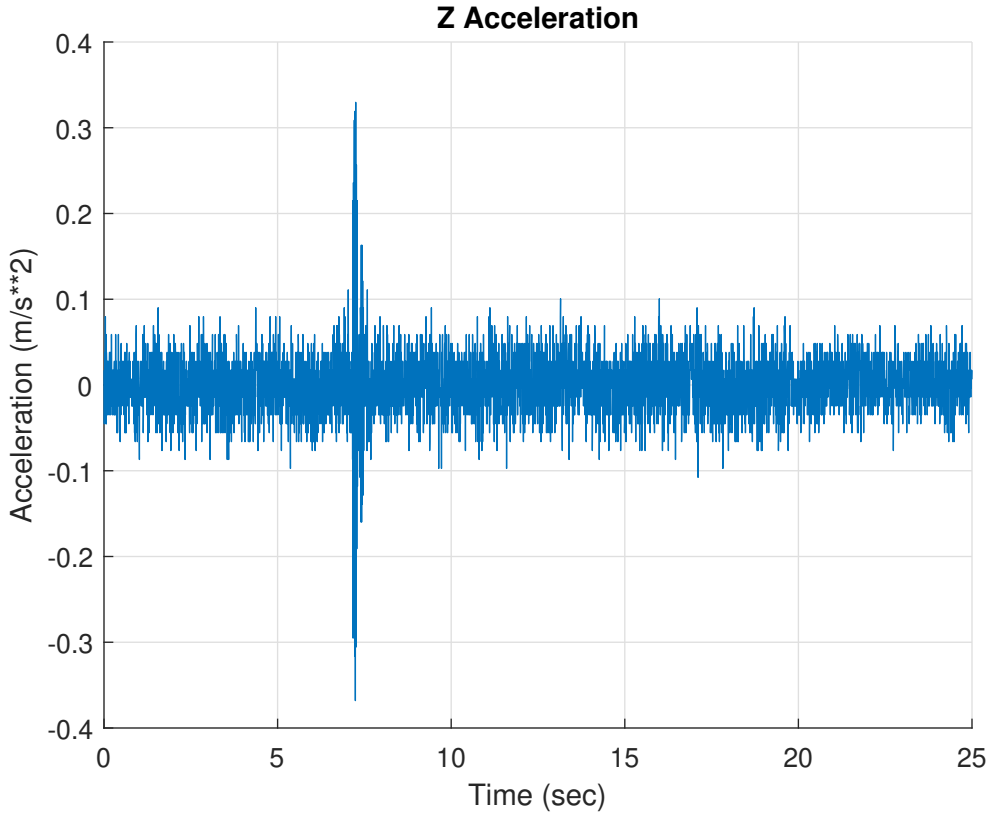

Y Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
0
10
20
30
40
50
60
70
80
90
100

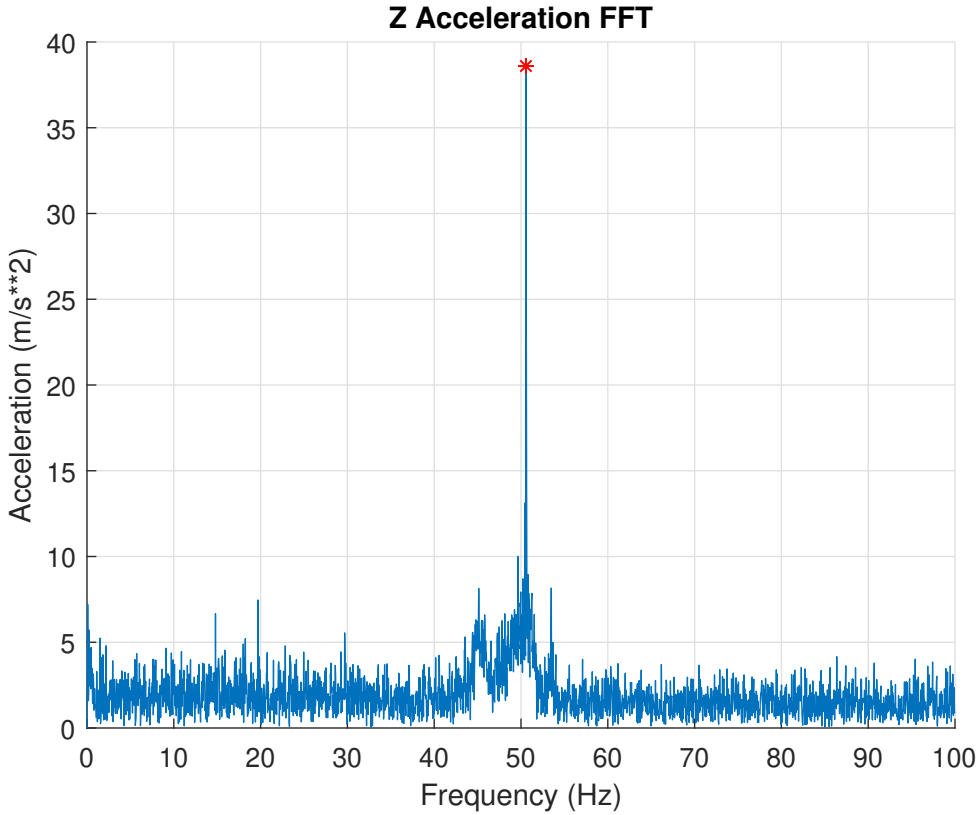

Y Resonant Acceleration Amplitude
Acceleration (m/s**2)
Time (sec)
0
0.5
1
1.5
2
2.5
3
3.5
0
5
10
15
20
25

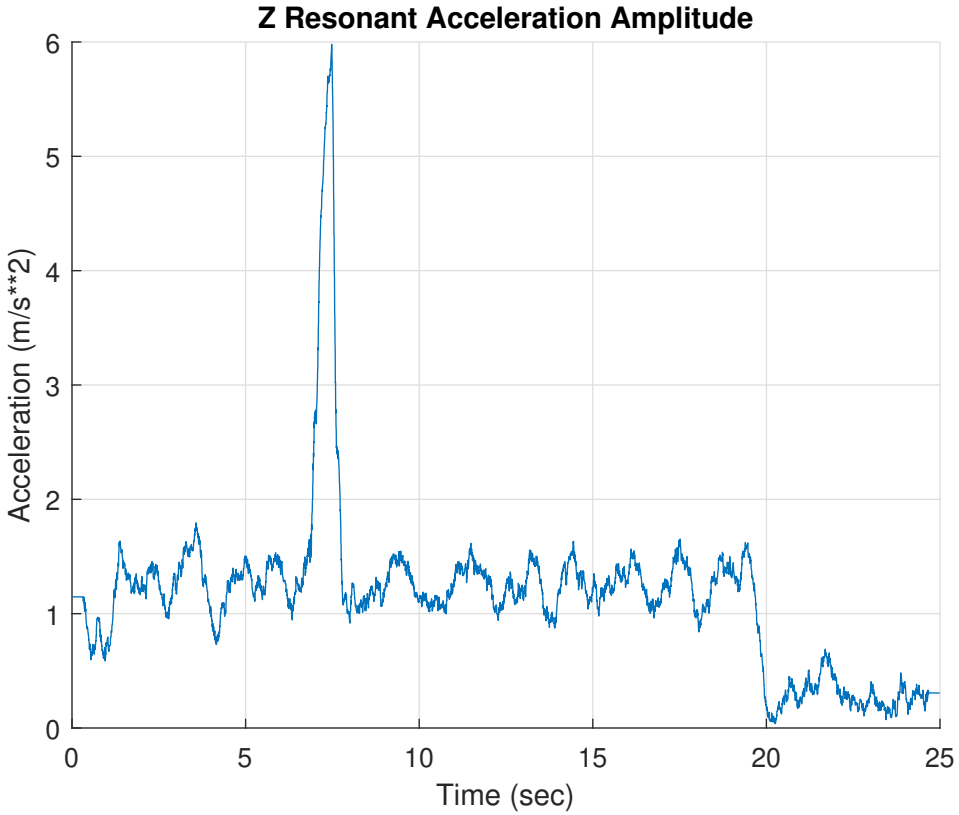

Unfiltered Y Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
0
20
40
60
80
100
120
140
160
180
200

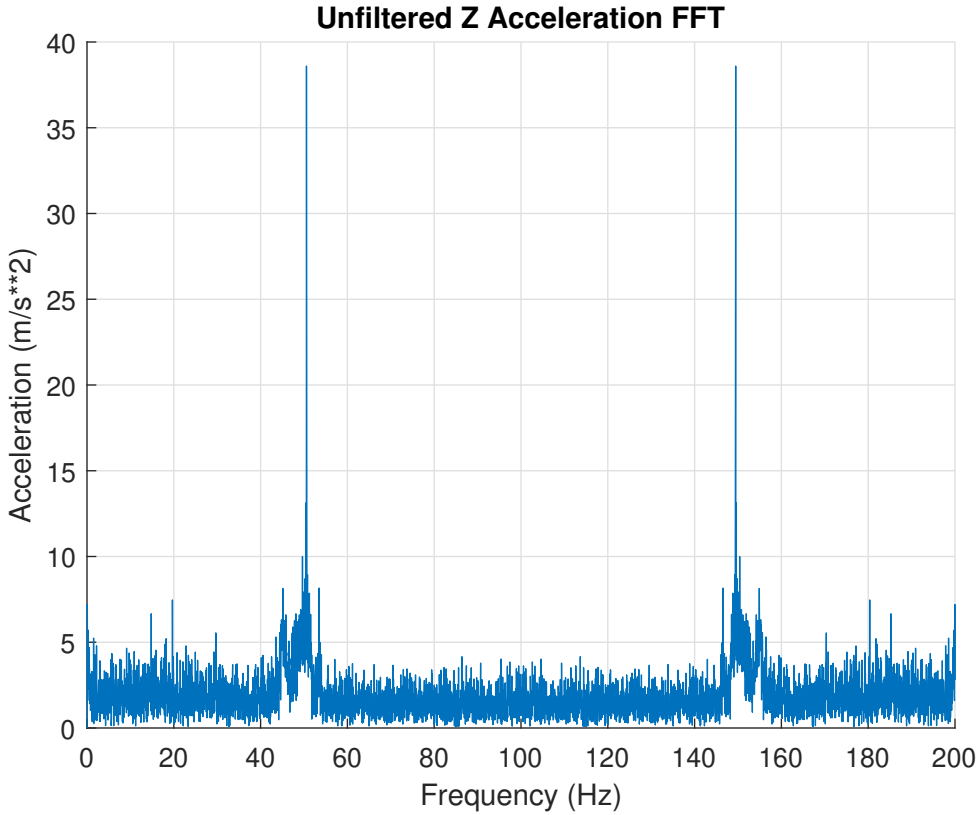

Filtered Y Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
0
20
40
60
80
100
120
140
160
180
200

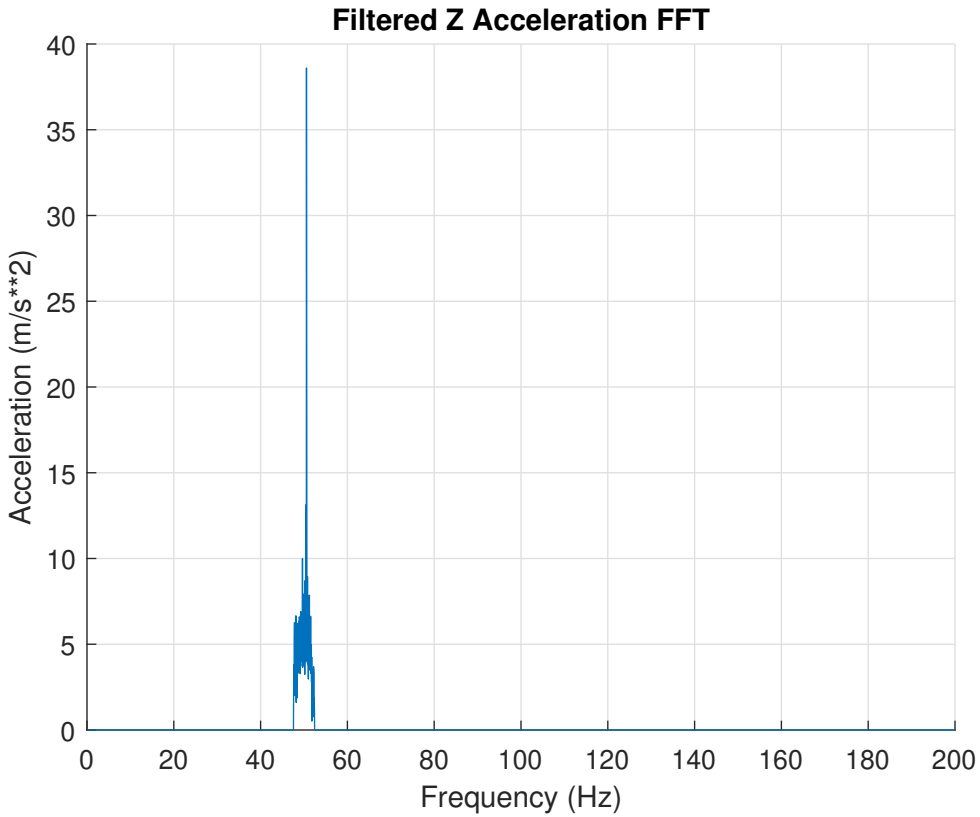

Filtered Y Acceleration
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
Acceleration (m/s**2)
0
5
10
15
20
25
Time (sec)

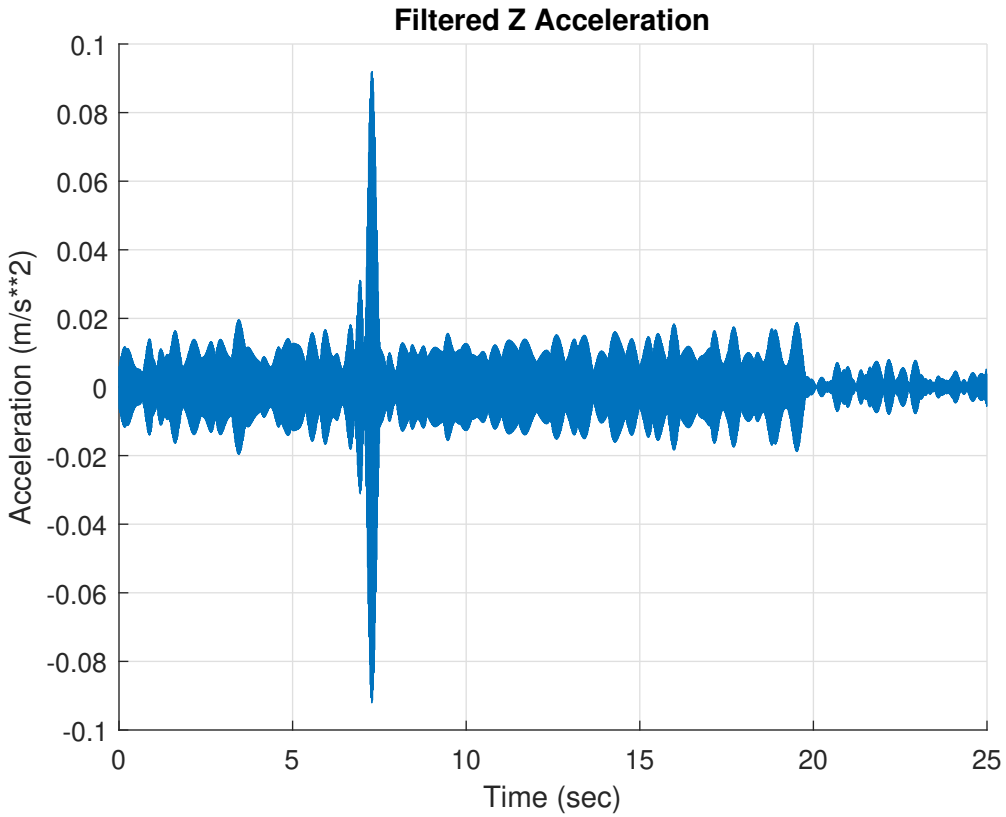

Z Acceleration
Acceleration (m/s**2)
Time (sec)
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
0
5
10
15
20
25


Z Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
90
100


Z Resonant Acceleration Amplitude
Acceleration (m/s**2)
Time (sec)
0
1
2
3
4
5
6
0
5
10
15
20
25


Unfiltered Z Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
30
35
40
0
20
40
60
80
100
120
140
160
180
200


Filtered Z Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
5
10
15
20
25
30
35
40
0
20
40
60
80
100
120
140
160
180
200


Filtered Z Acceleration
Acceleration (m/s**2)
Time (sec)
0.1
0.08
0.06
0.04
0.02
0
-0.02
-0.04
-0.06
-0.08
-0.1
0
5
10
15
20
25