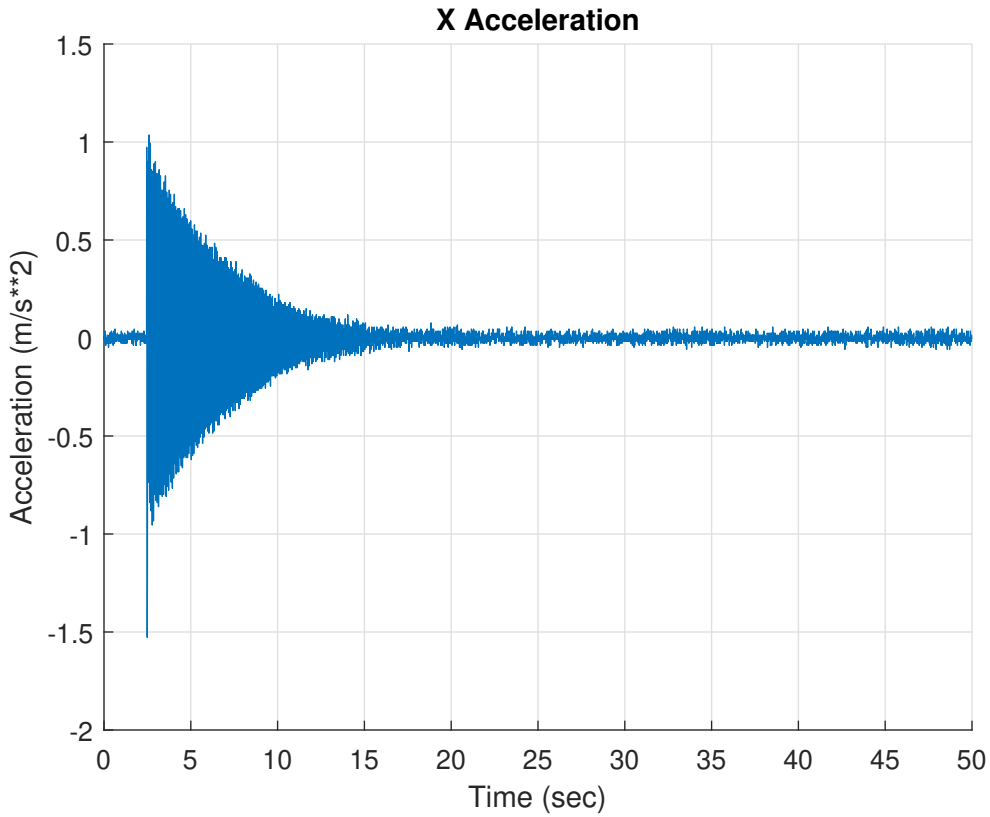
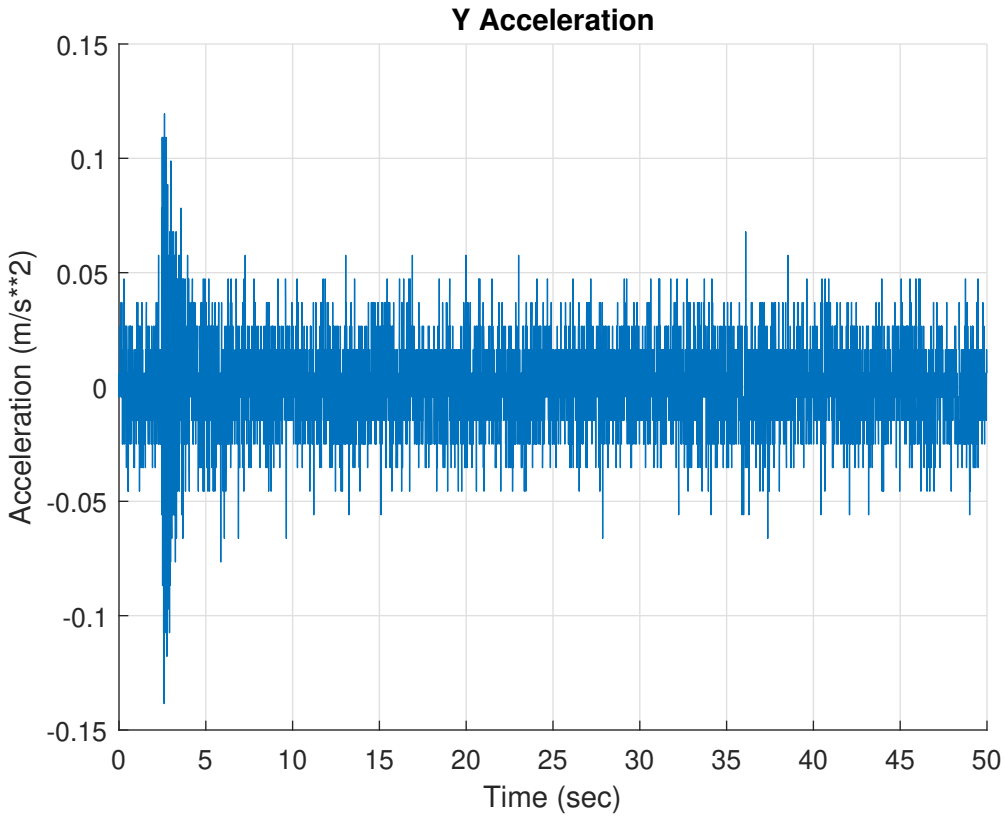
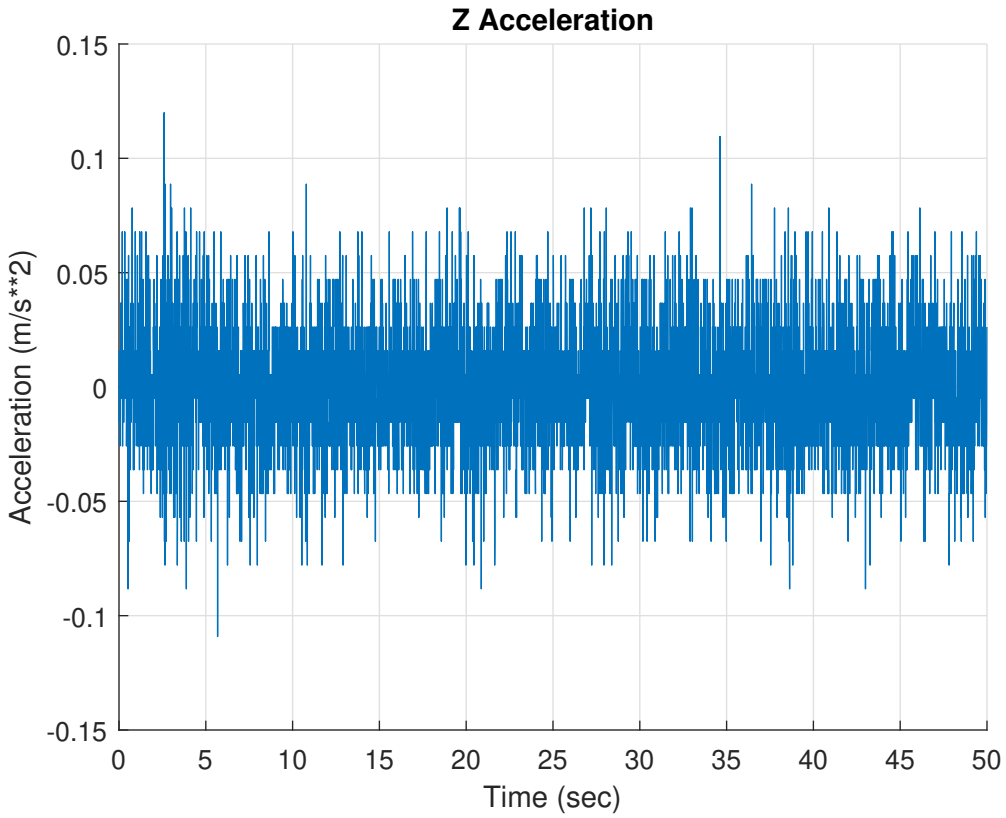
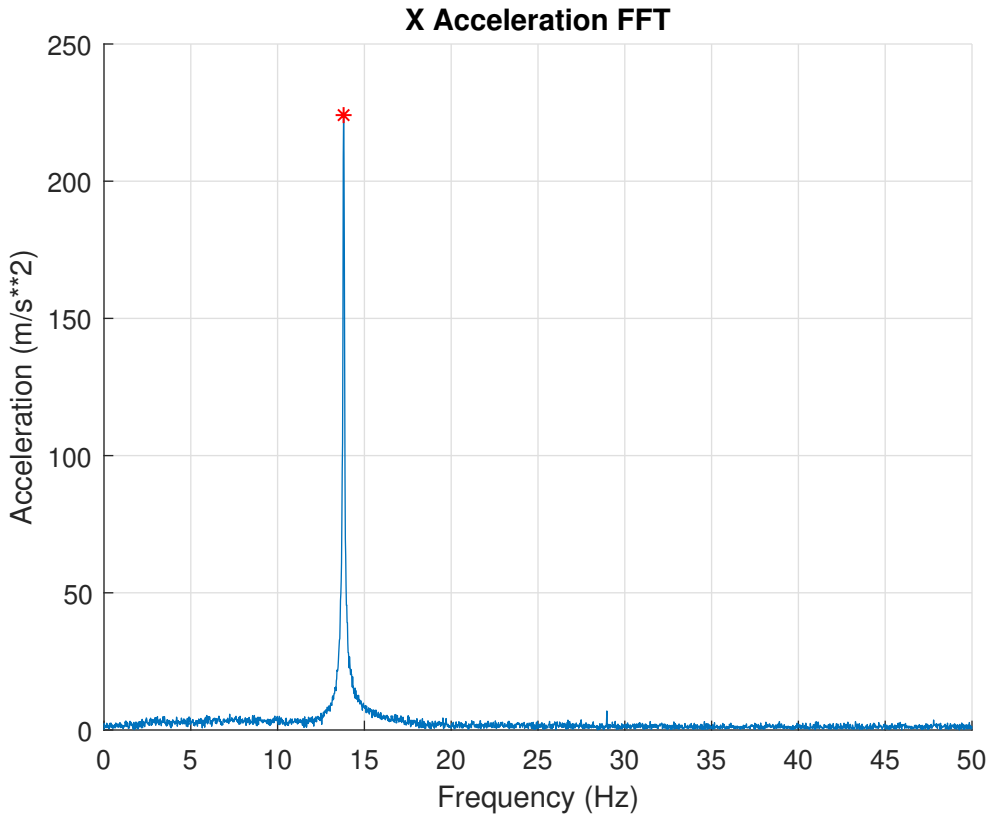
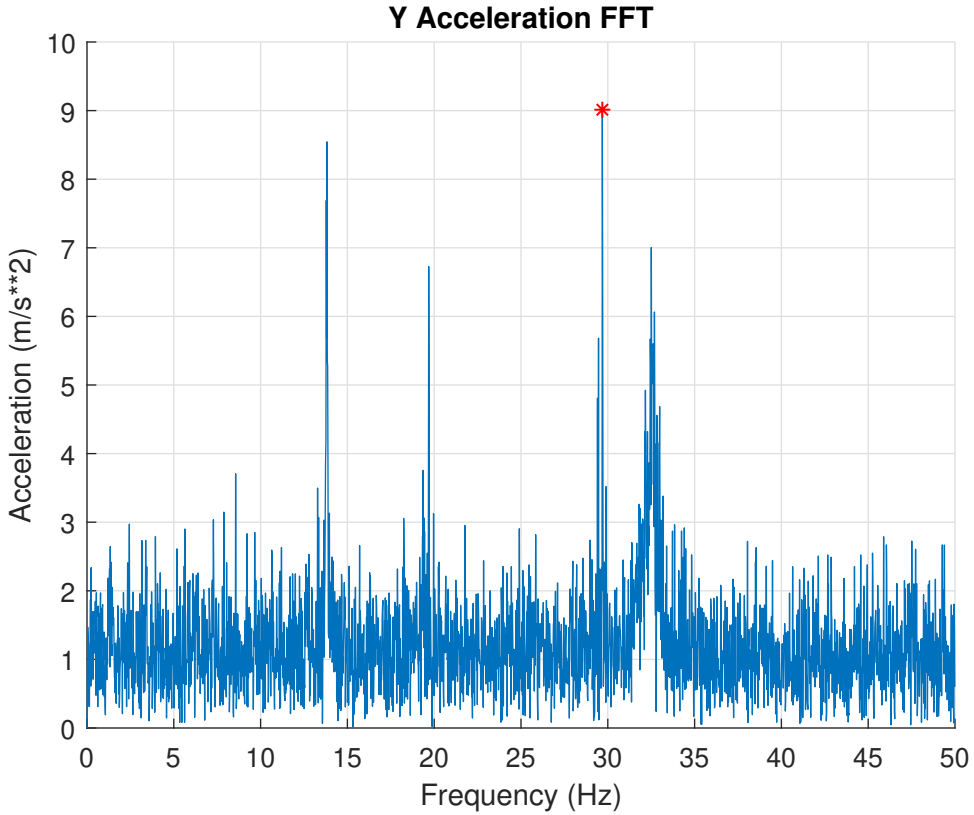
SLAC Magnetic Measurements#
Date: 05-21-2018#
Time: 12:32:08#

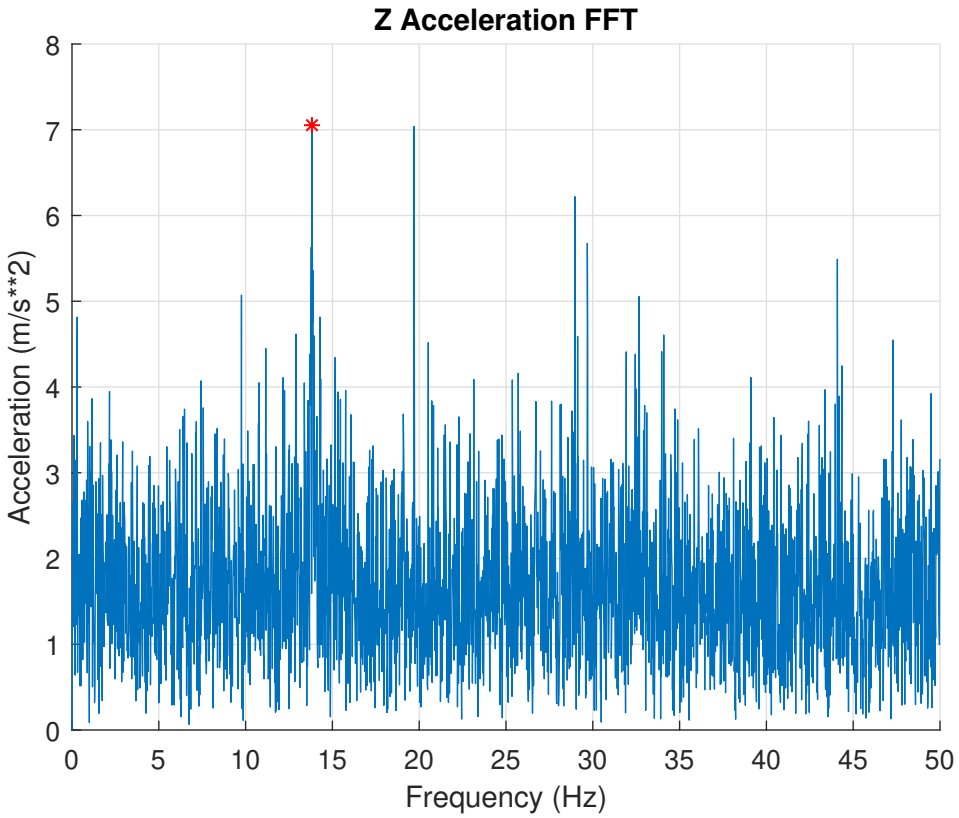

X Acceleration
Acceleration (m/s**2)
Time (sec)
1.5
1
0.5
0
-0.5
-1
-1.5
-2
0
5
10
15
20
25
30
35
40
45
50

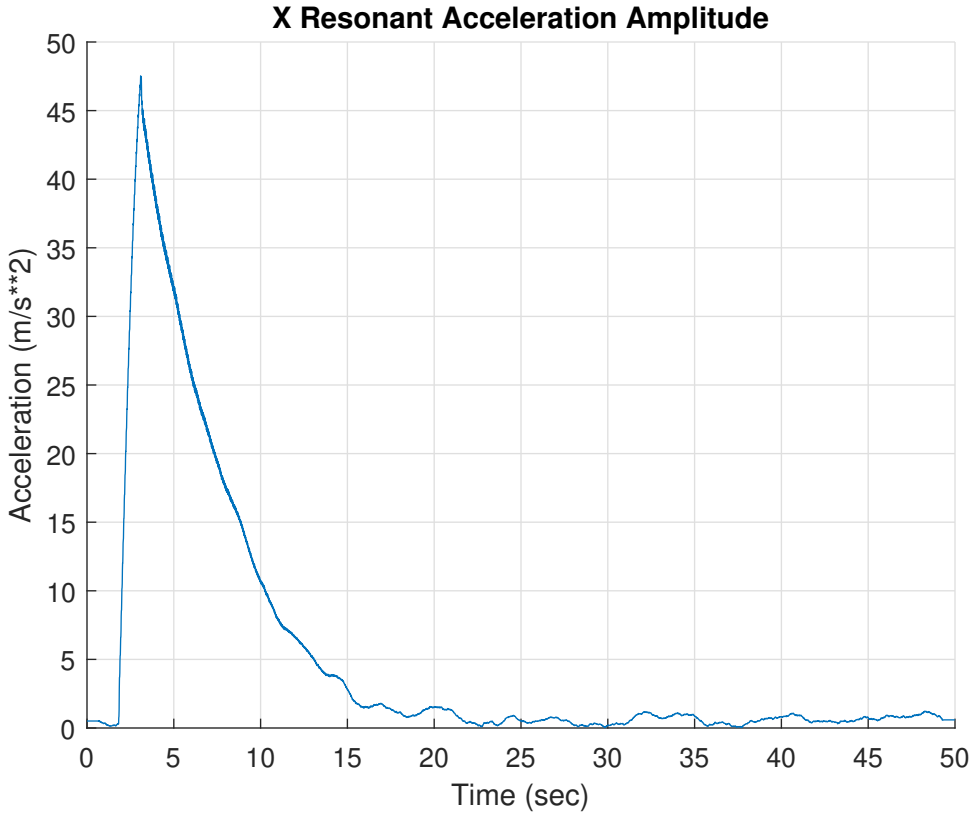

Y Acceleration
Acceleration (m/s**2)
Time (sec)
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
0
5
10
15
20
25
30
35
40
45
50

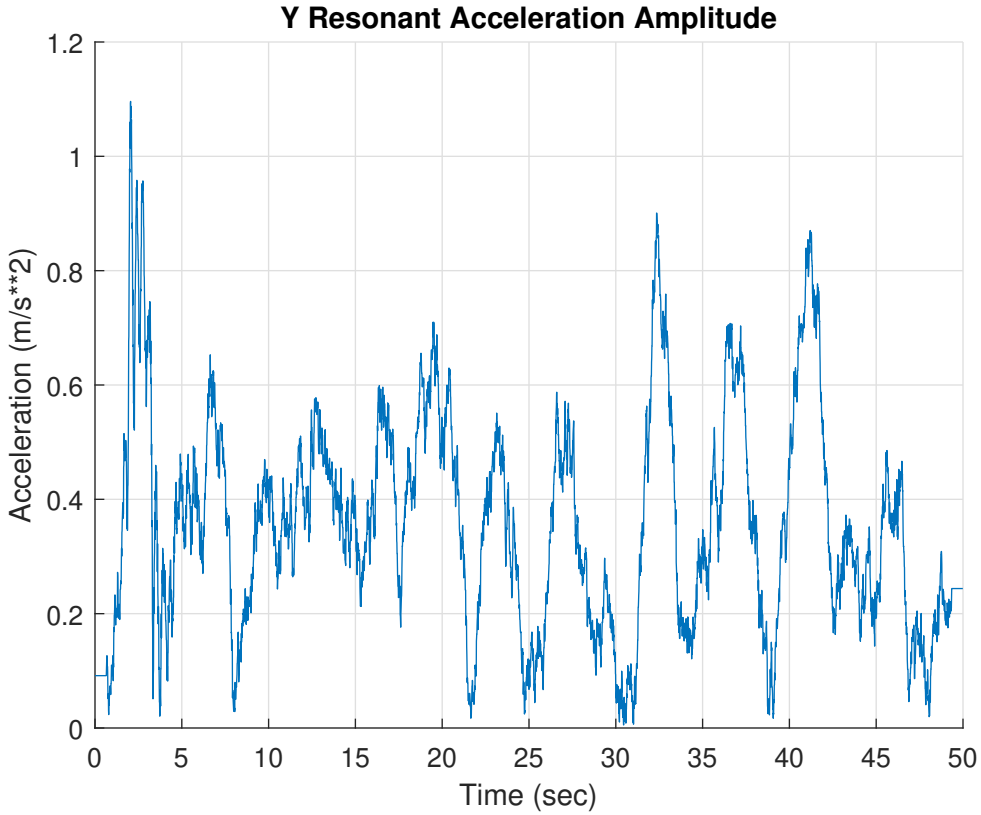

Z Acceleration
Acceleration (m/s**2)
Time (sec)
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
0
5
10
15
20
25
30
35
40
45
50

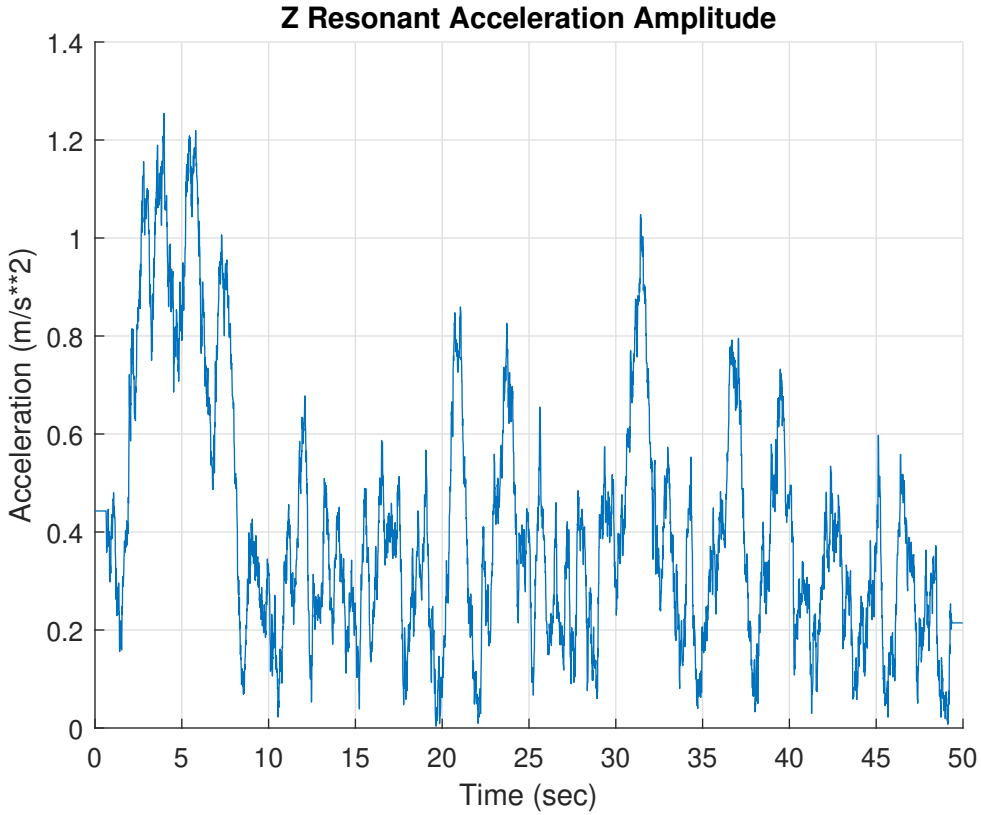

X Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
50
100
150
200
250
0
5
10
15
20
25
30
35
40
45
50

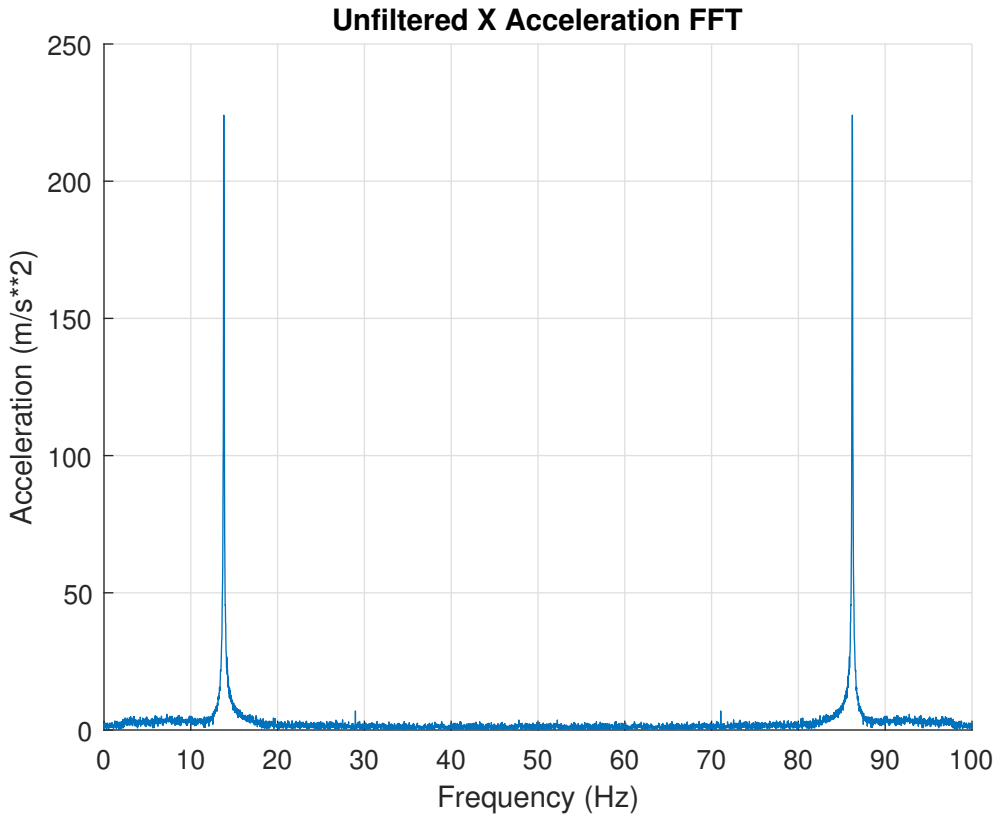

Y Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
1
2
3
4
5
6
7
8
9
10
0
5
10
15
20
25
30
35
40
45
50

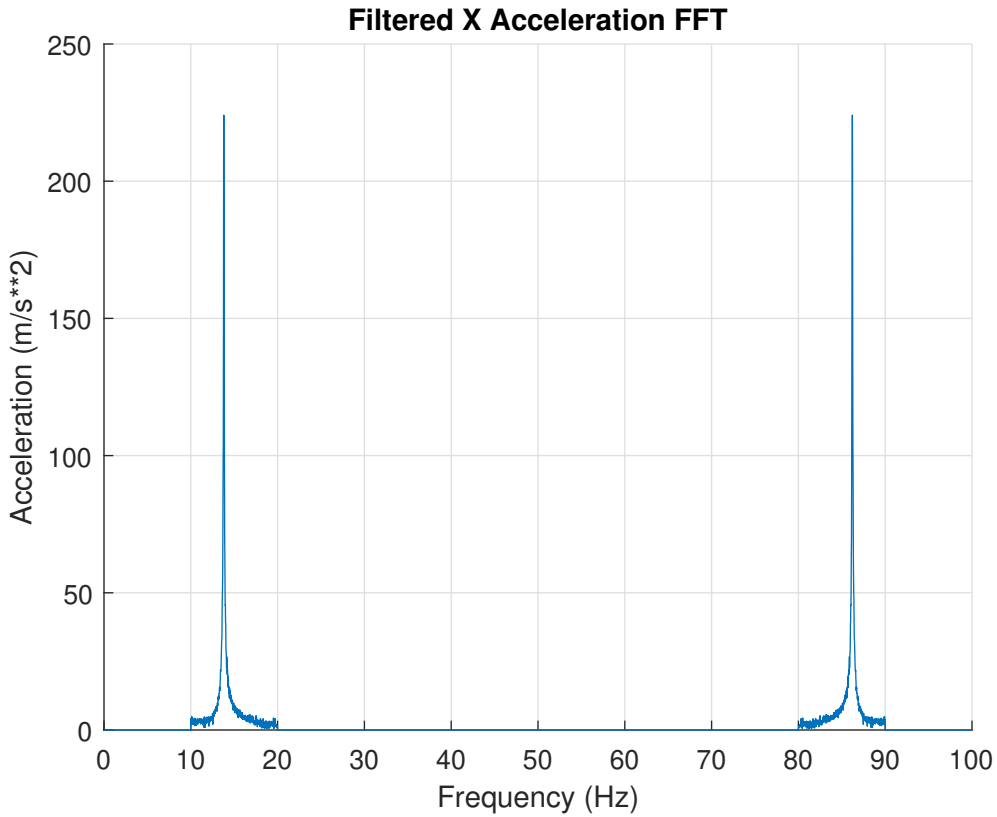

Z Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
1
2
3
4
5
6
7
8
0
5
10
15
20
25
30
35
40
45
50

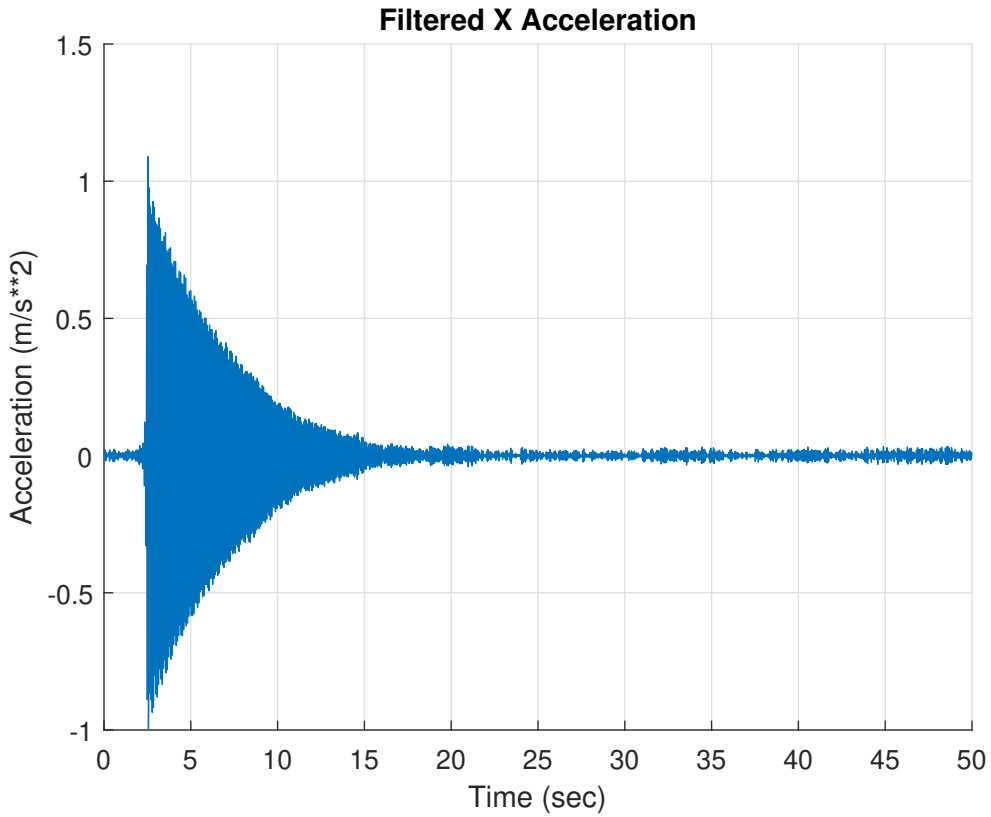

X Resonant Acceleration Amplitude
Acceleration (m/s**2)
Time (sec)
0
5
10
15
20
25
30
35
40
45
50

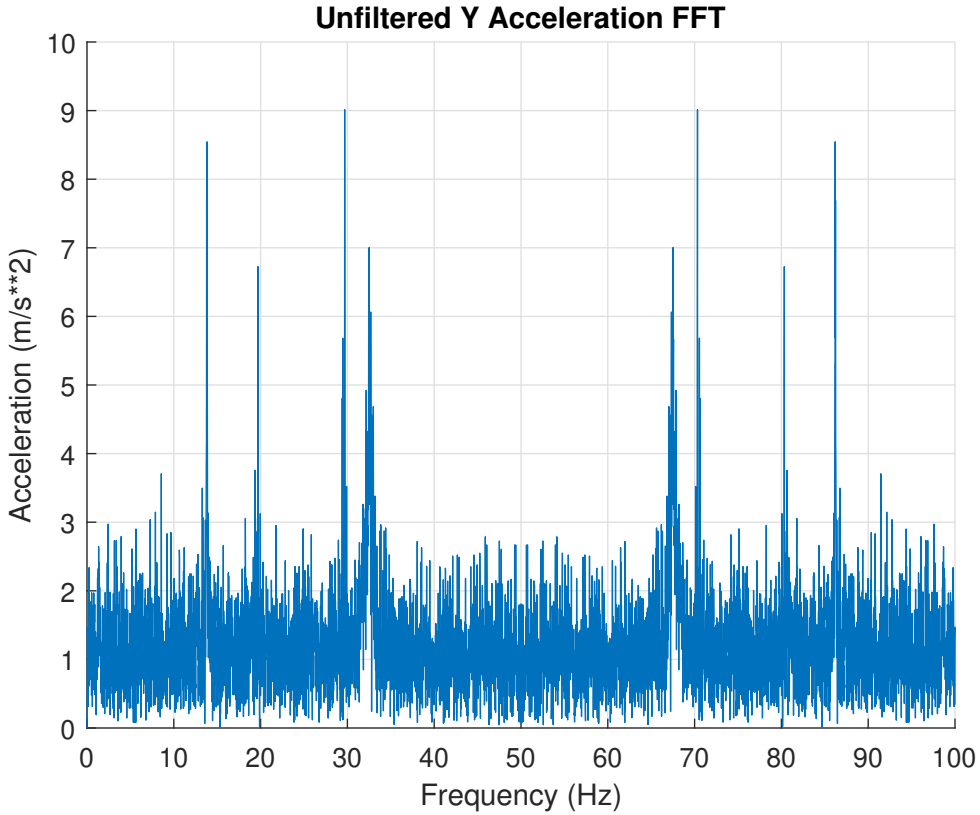

Y Resonant Acceleration Amplitude
Acceleration (m/s**2)
Time (sec)
0
0.2
0.4
0.6
0.8
1
1.2
0
5
10
15
20
25
30
35
40
45
50

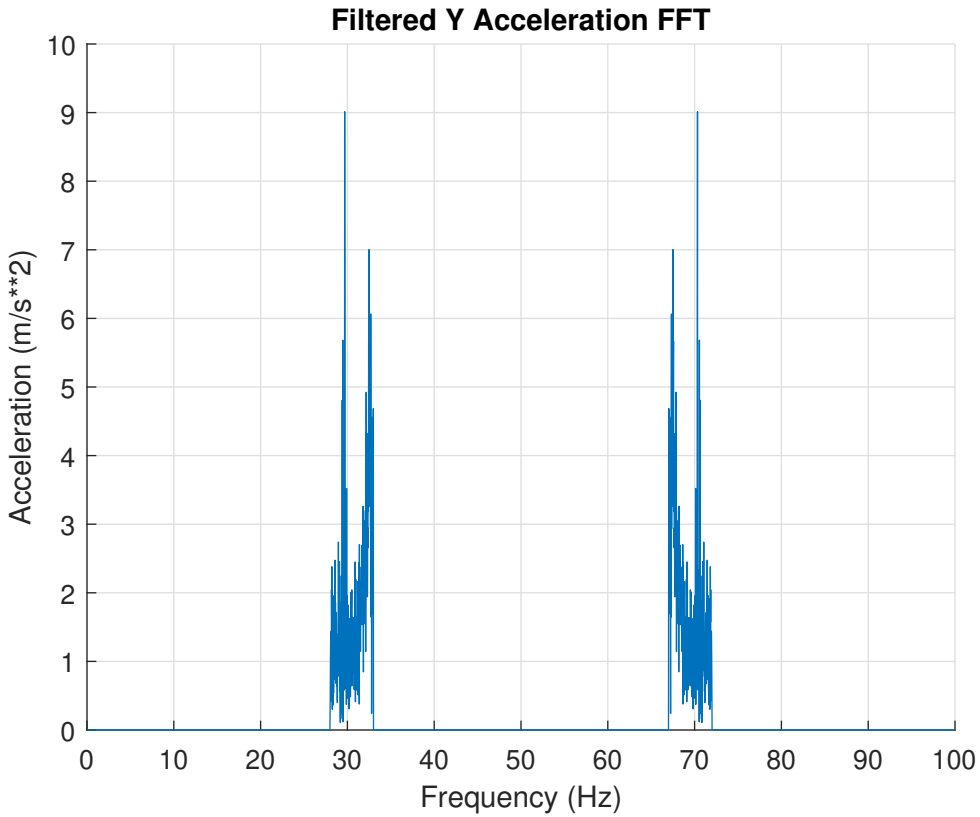

Z Resonant Acceleration Amplitude
Acceleration (m/s**2)
Time (sec)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
0
5
10
15
20
25
30
35
40
45
50

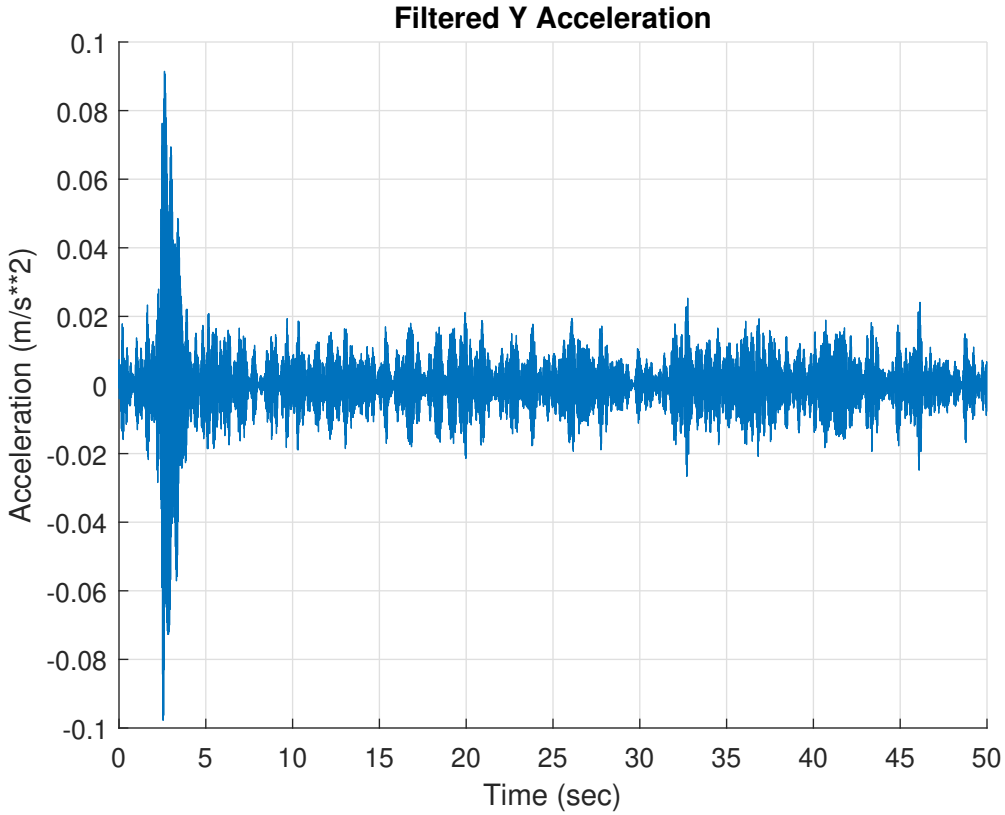

Unfiltered X Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
250
200
150
100
50
0
0
10
20
30
40
50
60
70
80
90
100


Filtered X Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
50
100
150
200
250
0
10
20
30
40
50
60
70
80
90
100


Filtered X Acceleration
Acceleration (m/s**2)
Time (sec)
1.5
1
0.5
0
-0.5
-1
0
5
10
15
20
25
30
35
40
45
50


Unfiltered Y Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
1
2
3
4
5
6
7
8
9
10
0
10
20
30
40
50
60
70
80
90
100


Filtered Y Acceleration FFT
Acceleration (m/s**2)
Frequency (Hz)
0
1
2
3
4
5
6
7
8
9
10
0
10
20
30
40
50
60
70
80
90
100


Filtered Y 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
30
35
40
45
50