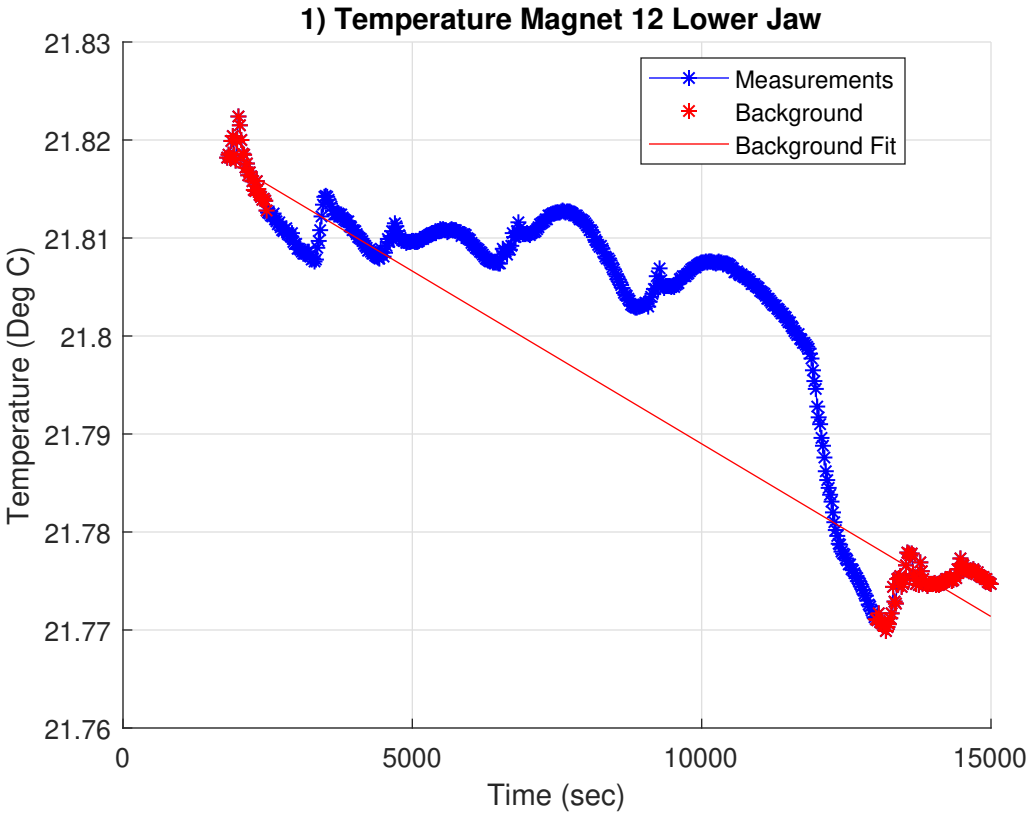
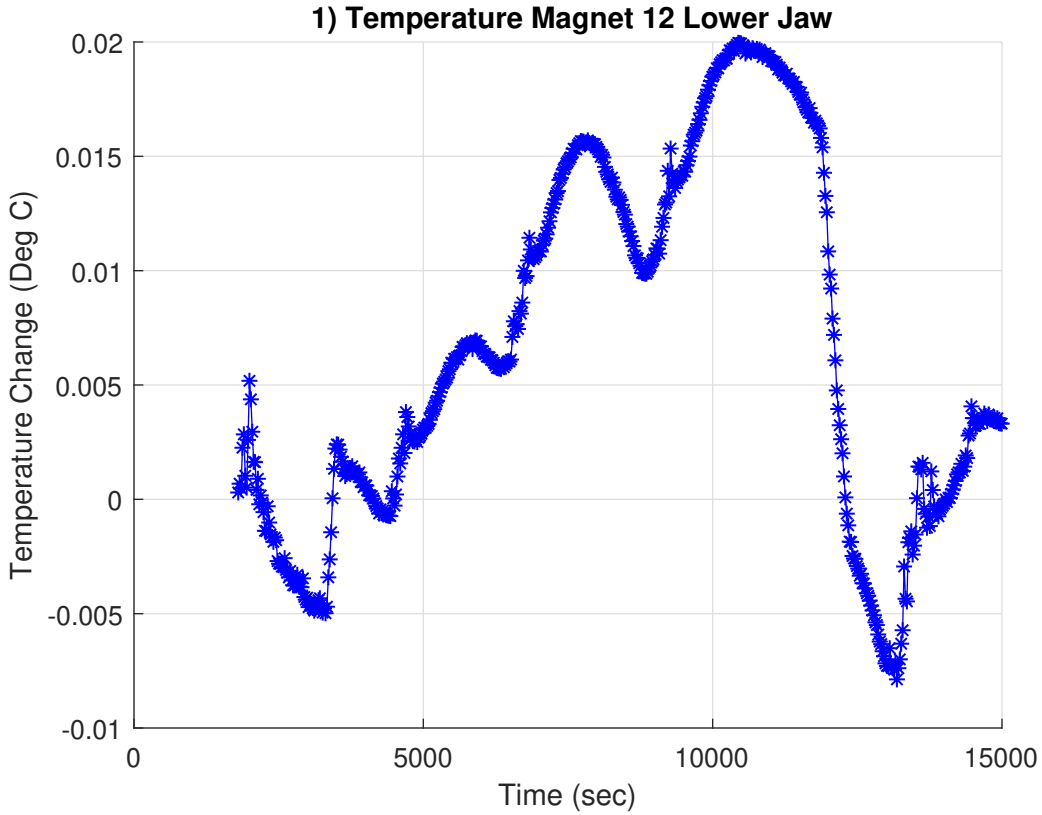
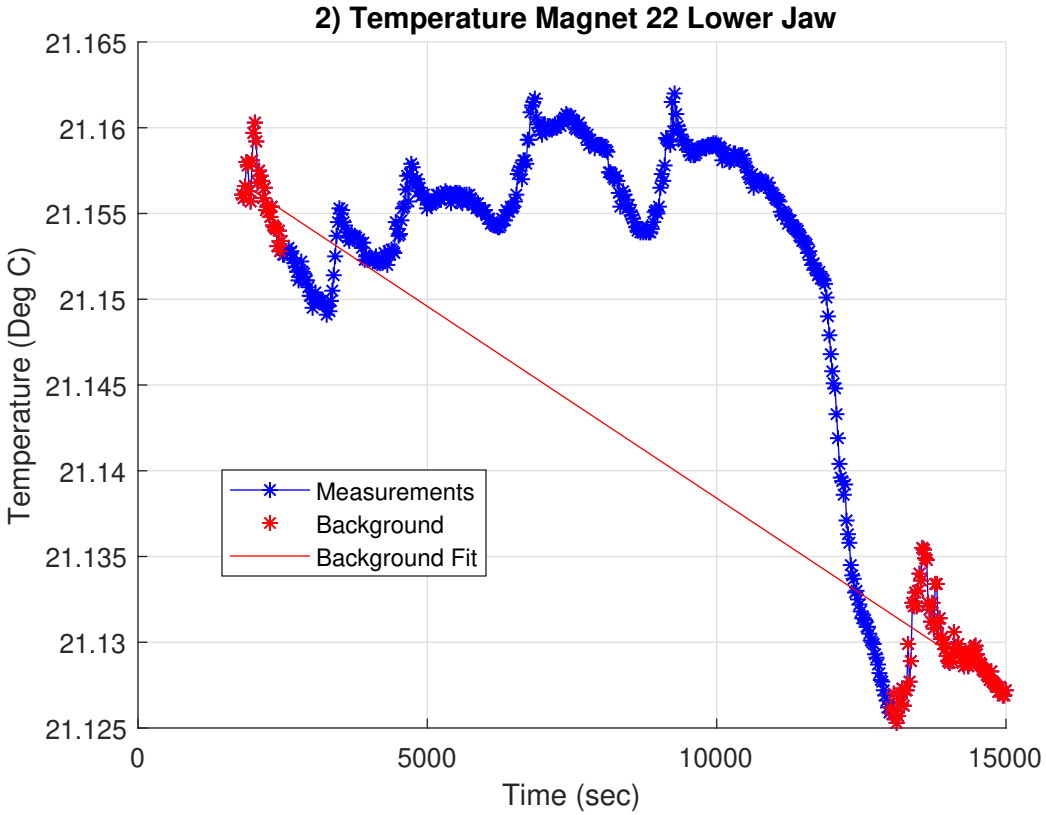
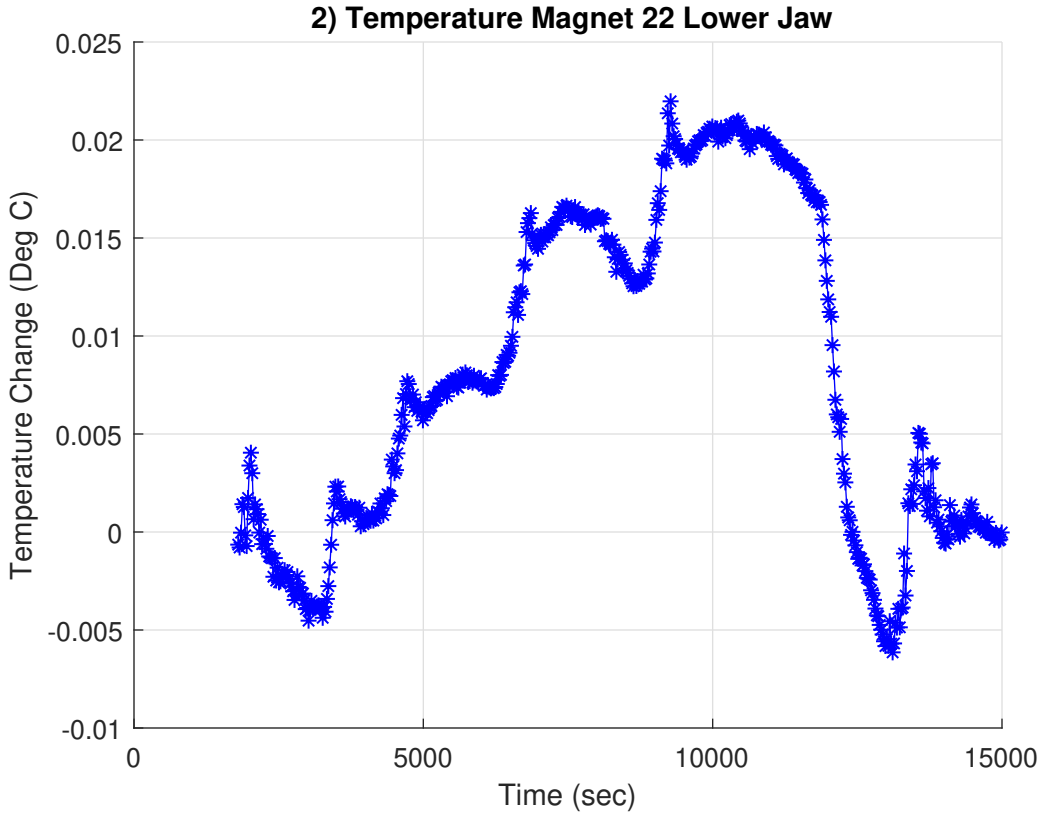
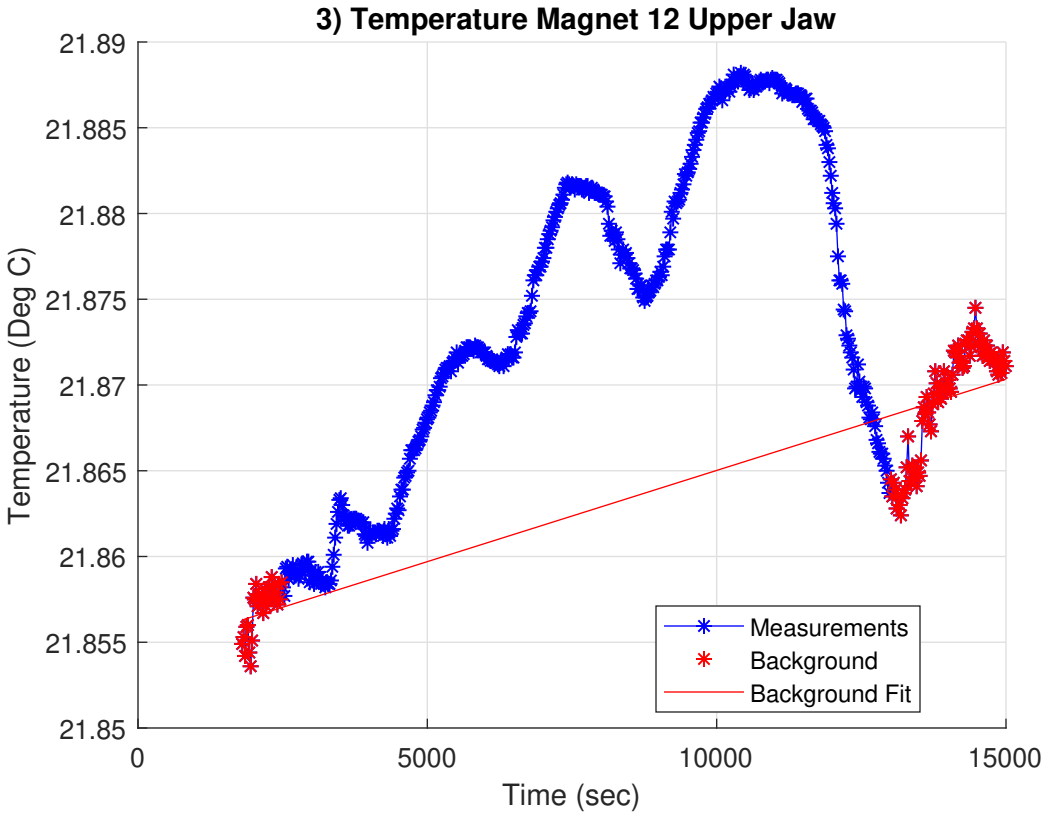
SLAC Magnetic Measurements#
Date: 08-30-2018#
Time: 18:08:07#

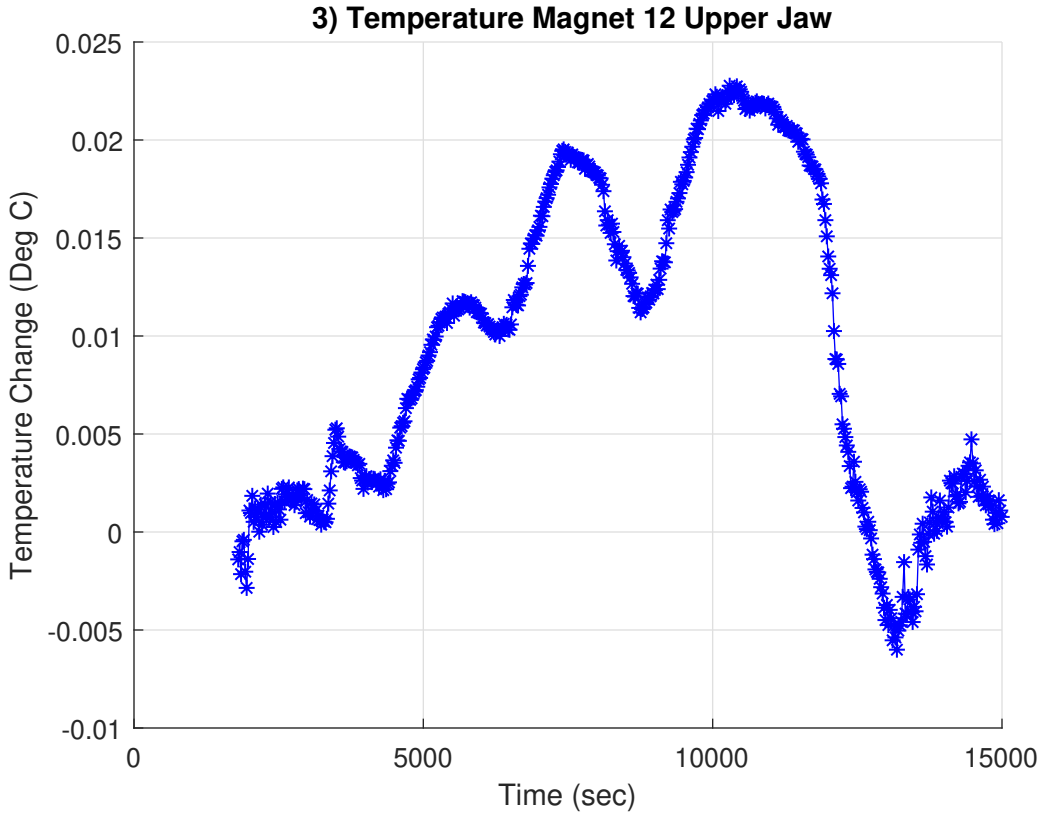

1) Temperature Magnet 12 Lower Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
21.83
21.82
21.81
21.8
21.79
21.78
21.77
21.76
0
5000
10000
15000
Time (sec)

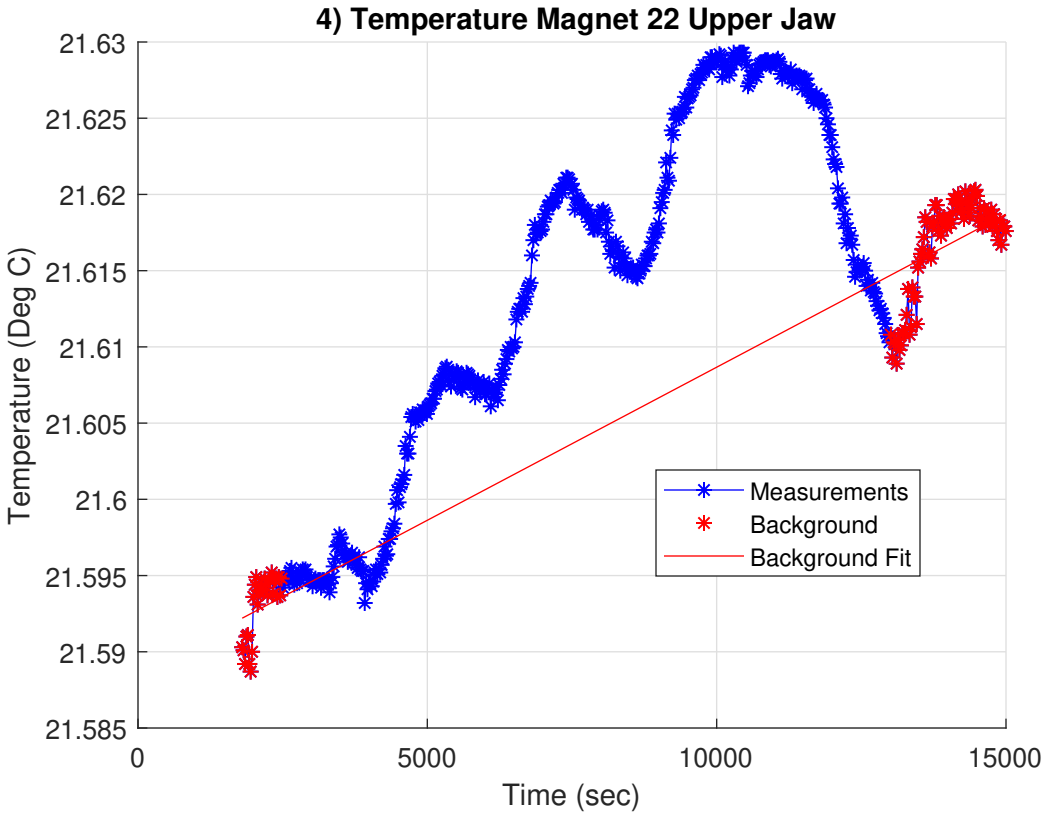

1) Temperature Magnet 12 Lower Jaw
Temperature Change (Deg C)
0.02
0.015
0.01
0.005
0
-0.005
-0.01
0
5000
10000
15000
Time (sec)

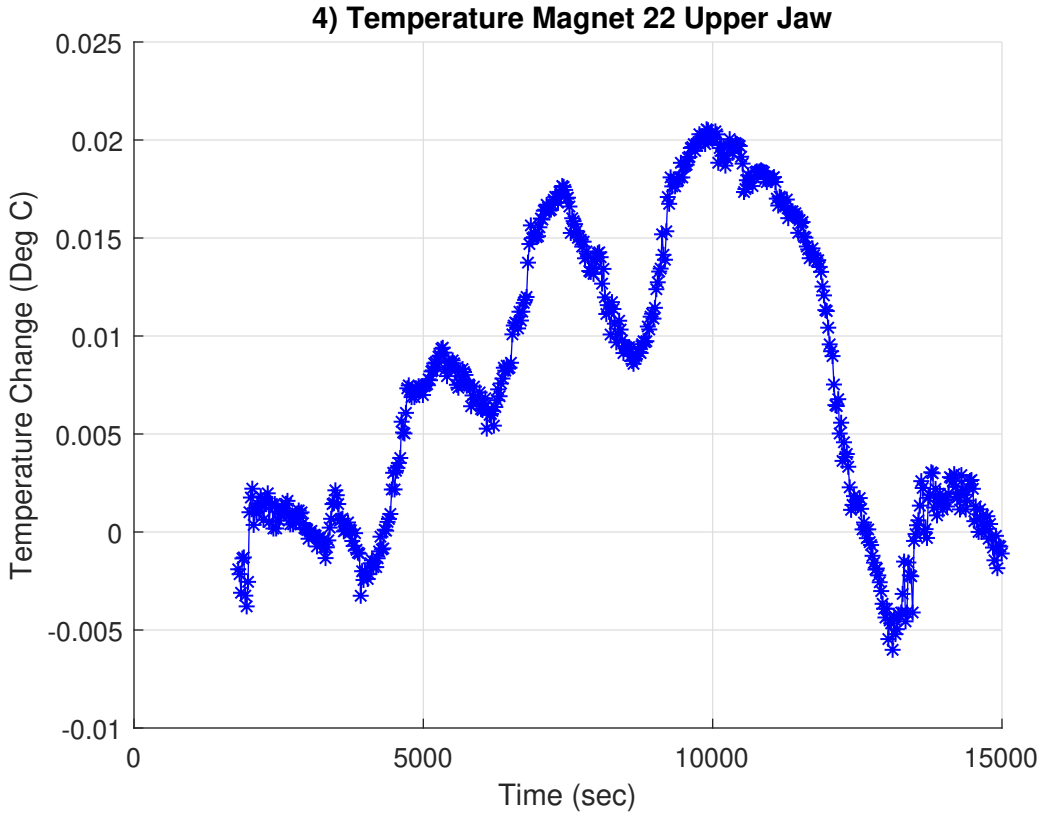

2) Temperature Magnet 22 Lower Jaw
21.165
21.16
21.155
21.15
21.145
21.14
21.135
21.13
21.125
Temperature (Deg C)
0
5000
10000
15000
Time (sec)
Measurements
Background
Background Fit

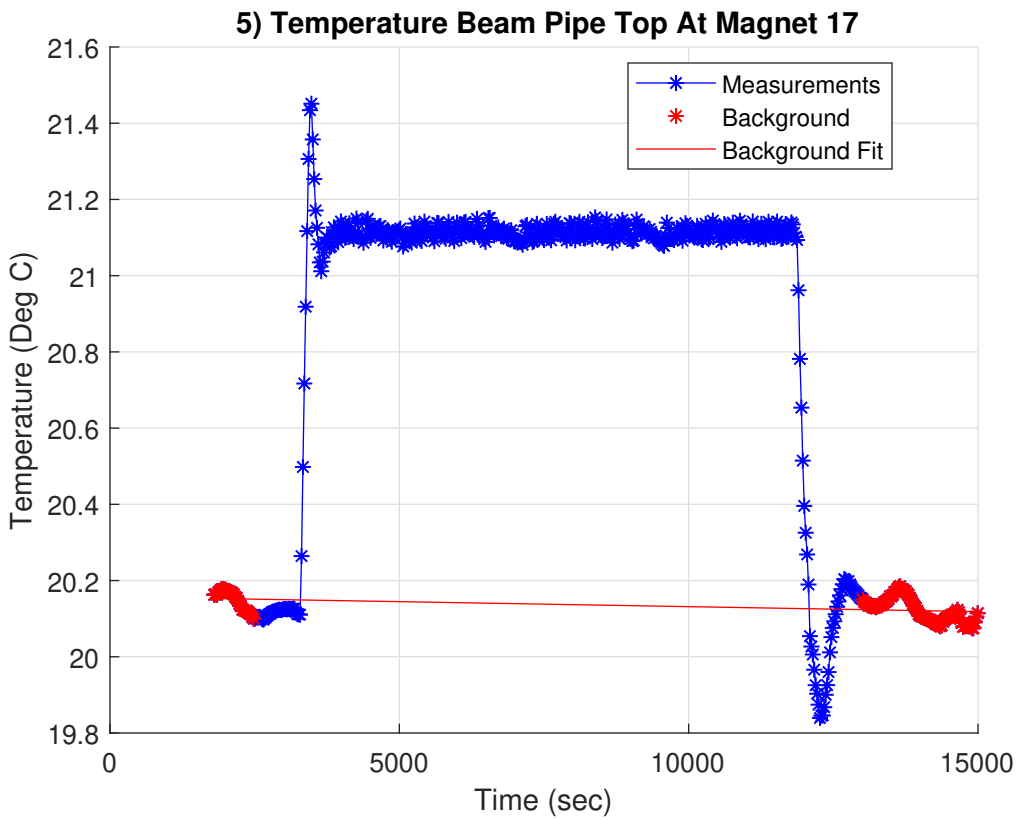

2) Temperature Magnet 22 Lower Jaw
Temperature Change (Deg C)
0.025
0.02
0.015
0.01
0.005
0
-0.005
-0.01
0
5000
10000
15000
Time (sec)

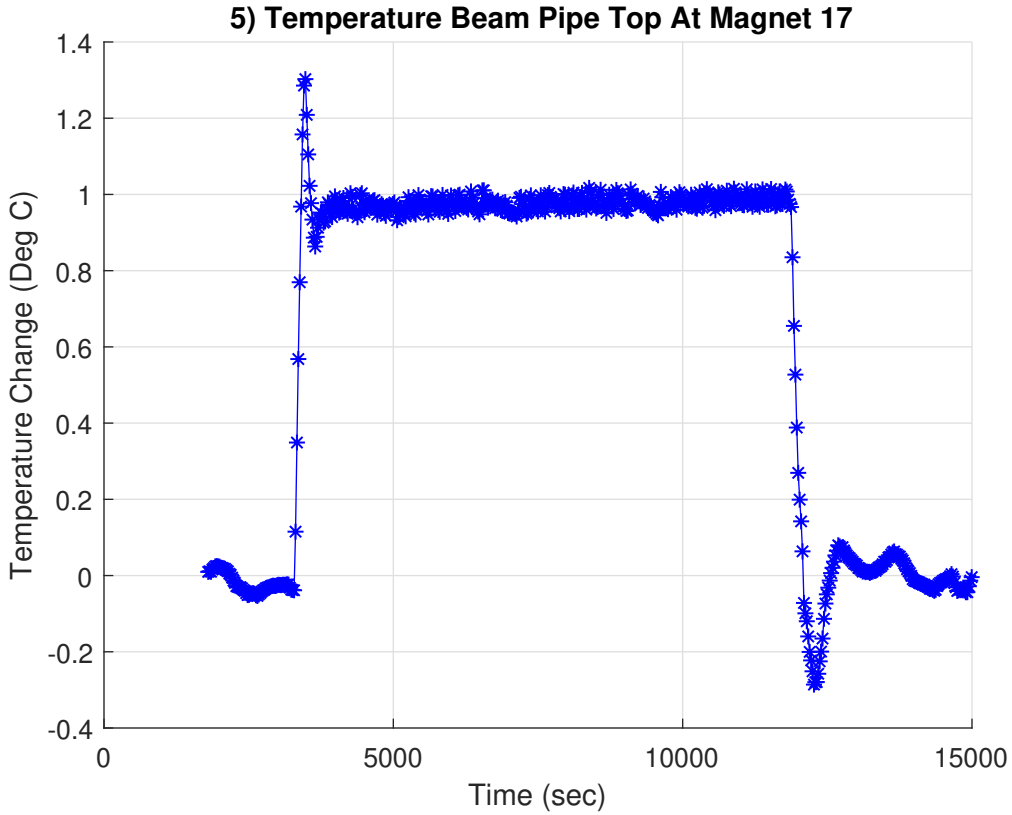

3) Temperature Magnet 12 Upper Jaw
Temperature (Deg C)
21.89
21.885
21.88
21.875
21.87
21.865
21.86
21.855
21.85
0
5000
10000
15000
Time (sec)
Measurements
Background
Background Fit

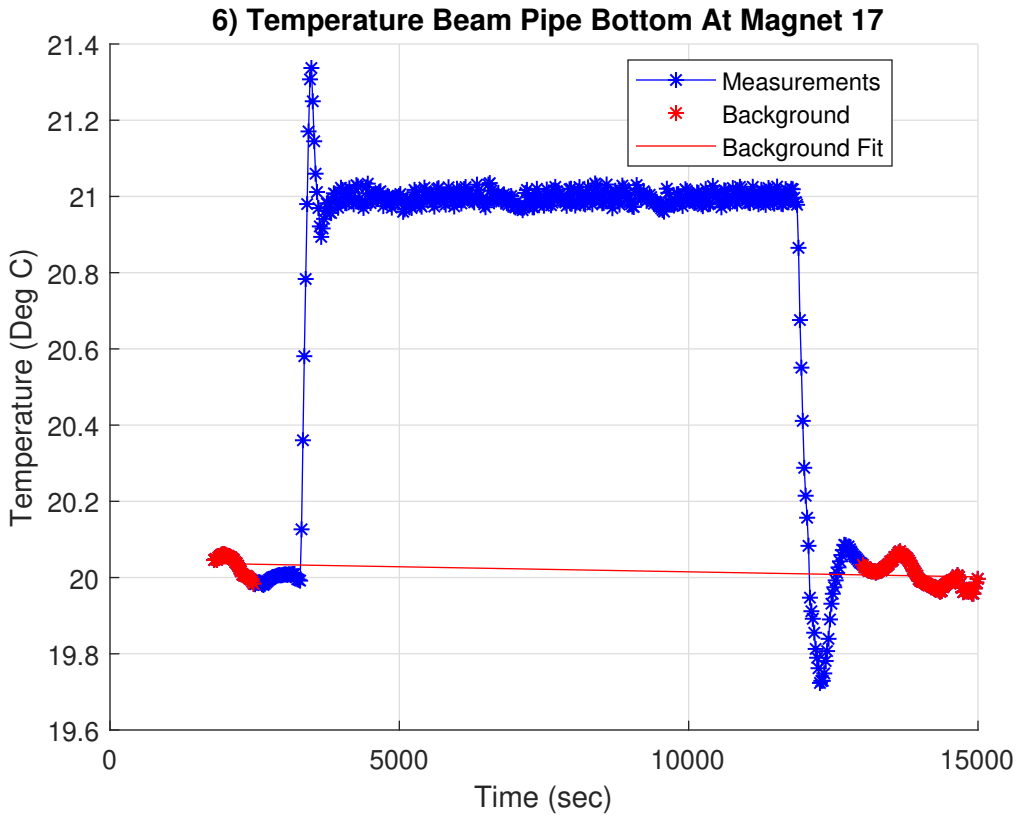

3) Temperature Magnet 12 Upper Jaw
Temperature Change (Deg C)
0.025
0.02
0.015
0.01
0.005
0
-0.005
-0.01
0
5000
10000
15000
Time (sec)

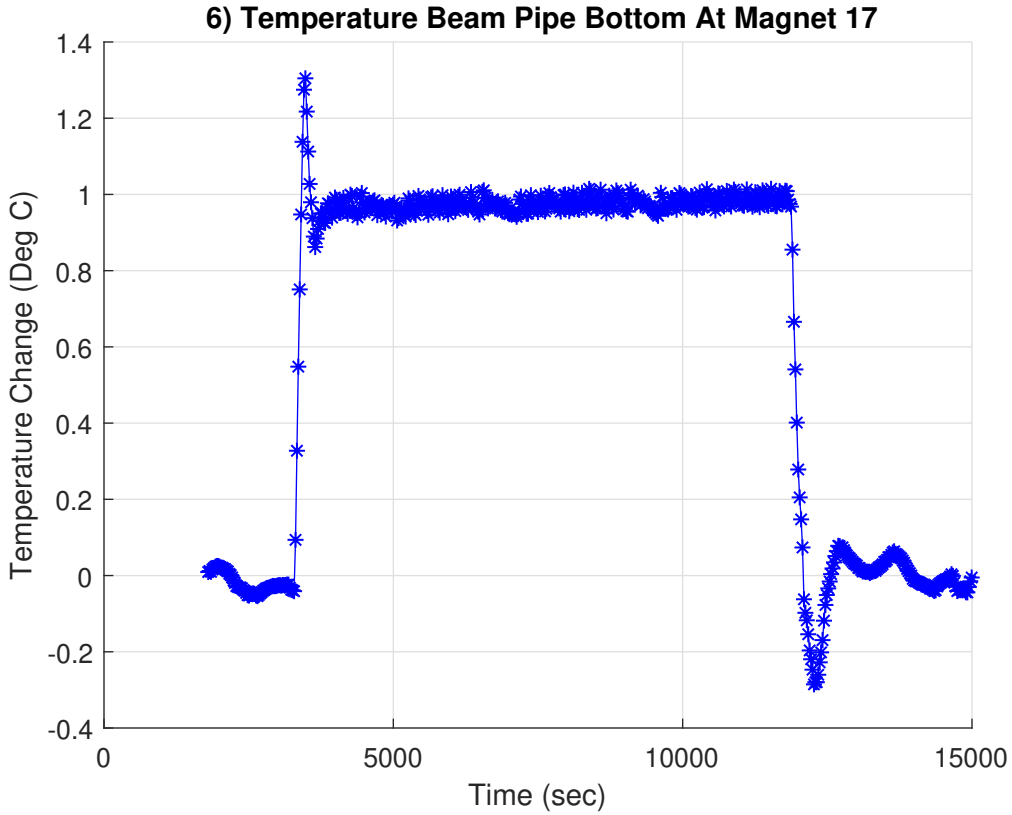

4) Temperature Magnet 22 Upper Jaw
Temperature (Deg C)
21.63
21.625
21.62
21.615
21.61
21.605
21.6
21.595
21.59
21.585
0
5000
10000
15000
Time (sec)
Measurements
Background
Background Fit

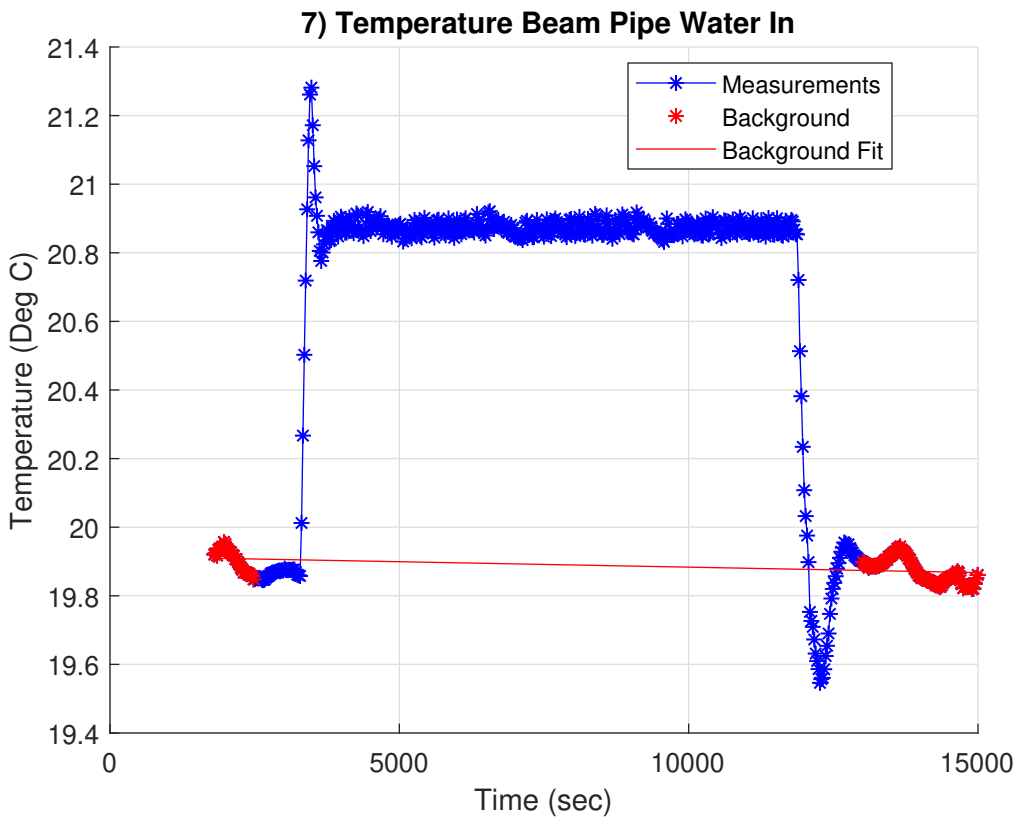

4) Temperature Magnet 22 Upper Jaw
Temperature Change (Deg C)
0.025
0.02
0.015
0.01
0.005
0
-0.005
-0.01
0
5000
10000
15000
Time (sec)

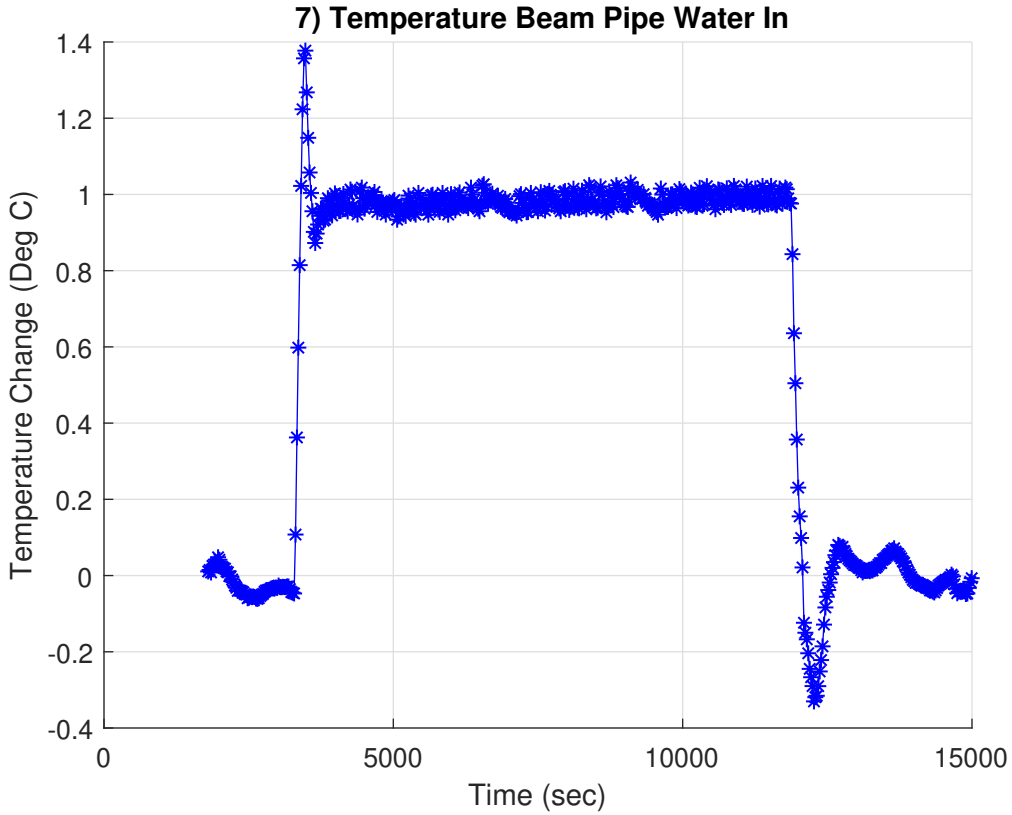

5) Temperature Beam Pipe Top At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.6
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
0
5000
10000
15000

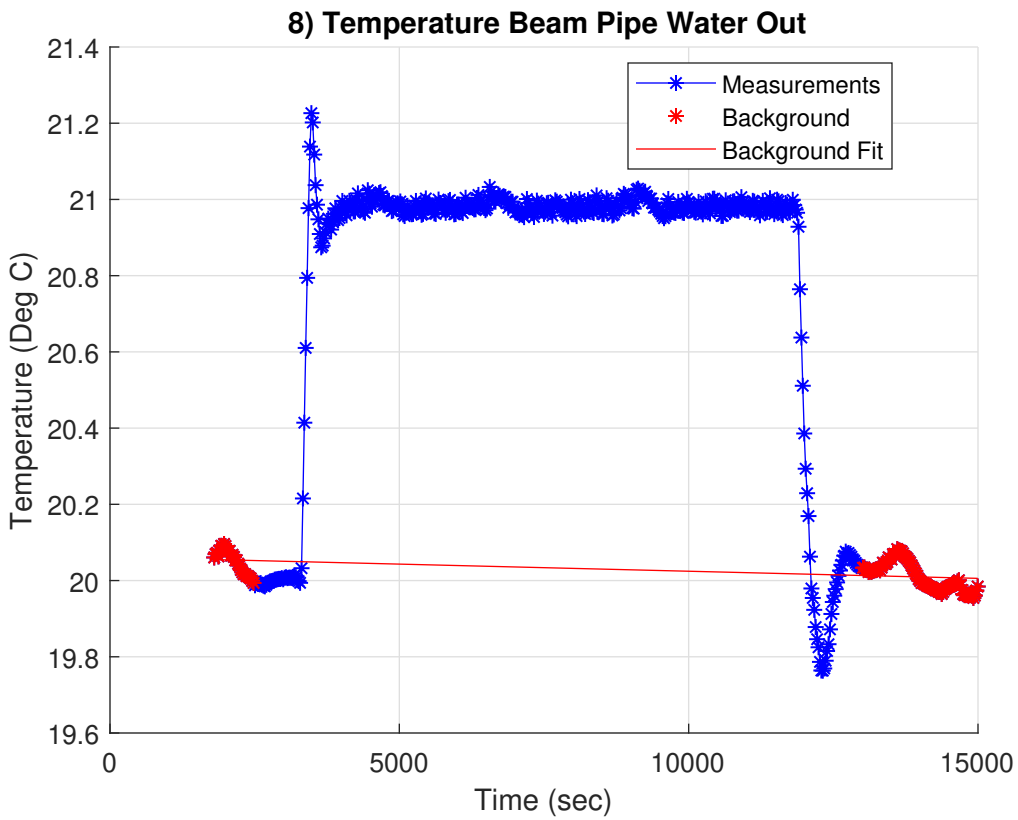

5) Temperature Beam Pipe Top At Magnet 17
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
5000
10000
15000
Time (sec)

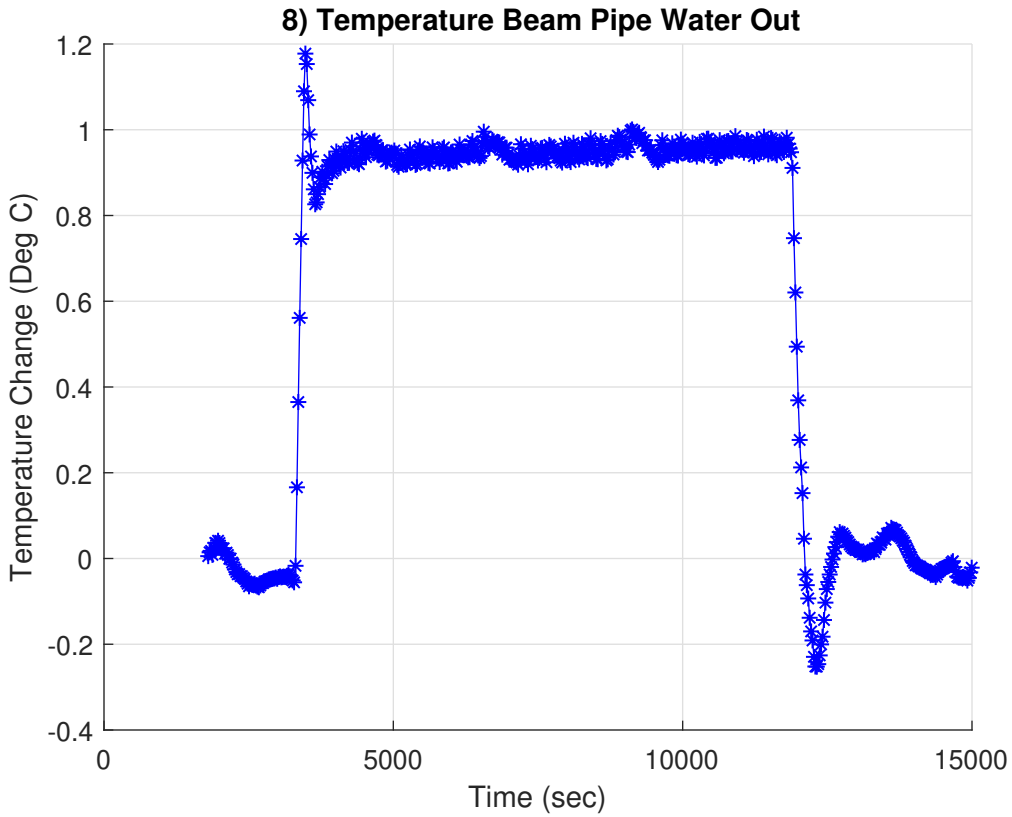

6) Temperature Beam Pipe Bottom At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
5000
10000
15000

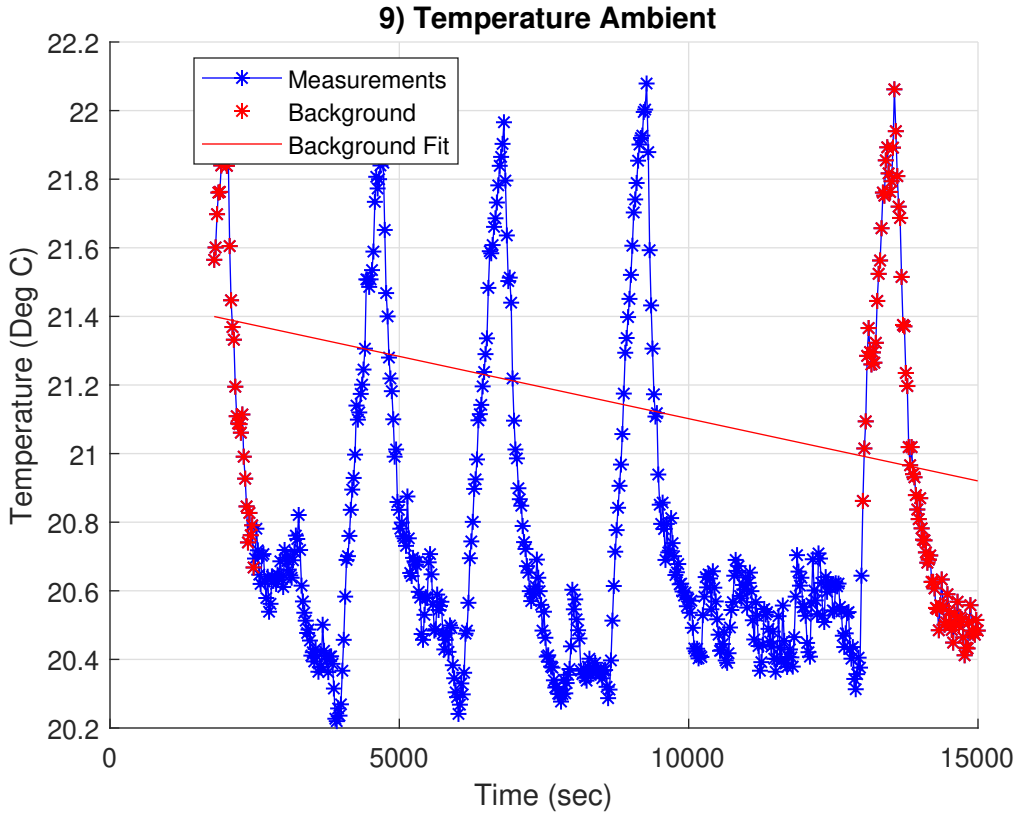

6) Temperature Beam Pipe Bottom At Magnet 17
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
5000
10000
15000
Time (sec)

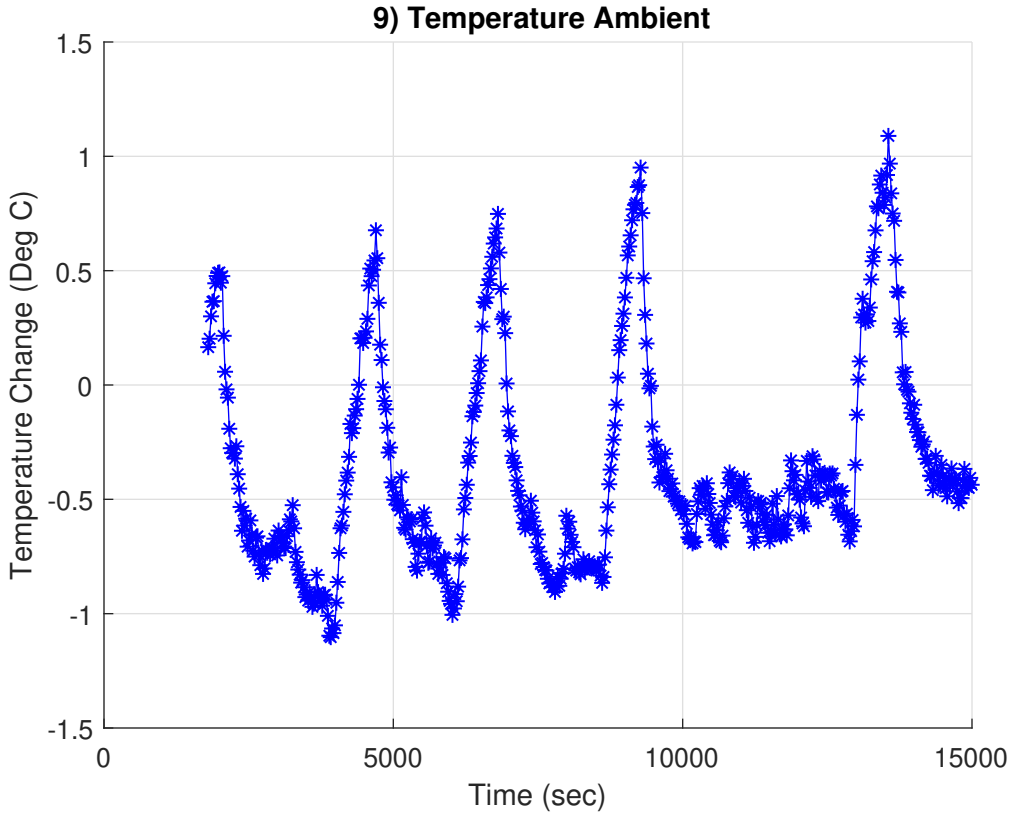

7) Temperature Beam Pipe Water In
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
19.4
0
5000
10000
15000


7) Temperature Beam Pipe Water In
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
5000
10000
15000
Time (sec)


8) Temperature Beam Pipe Water Out
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
5000
10000
15000


8) Temperature Beam Pipe Water Out
Temperature Change (Deg C)
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
5000
10000
15000
Time (sec)


9) Temperature Ambient
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
22.2
22
21.8
21.6
21.4
21.2
21
20.8
20.6
20.4
20.2
0
5000
10000
15000


9) Temperature Ambient
Temperature Change (Deg C)
1.5
1
0.5
0
-0.5
-1
-1.5
0
5000
10000
15000
Time (sec)