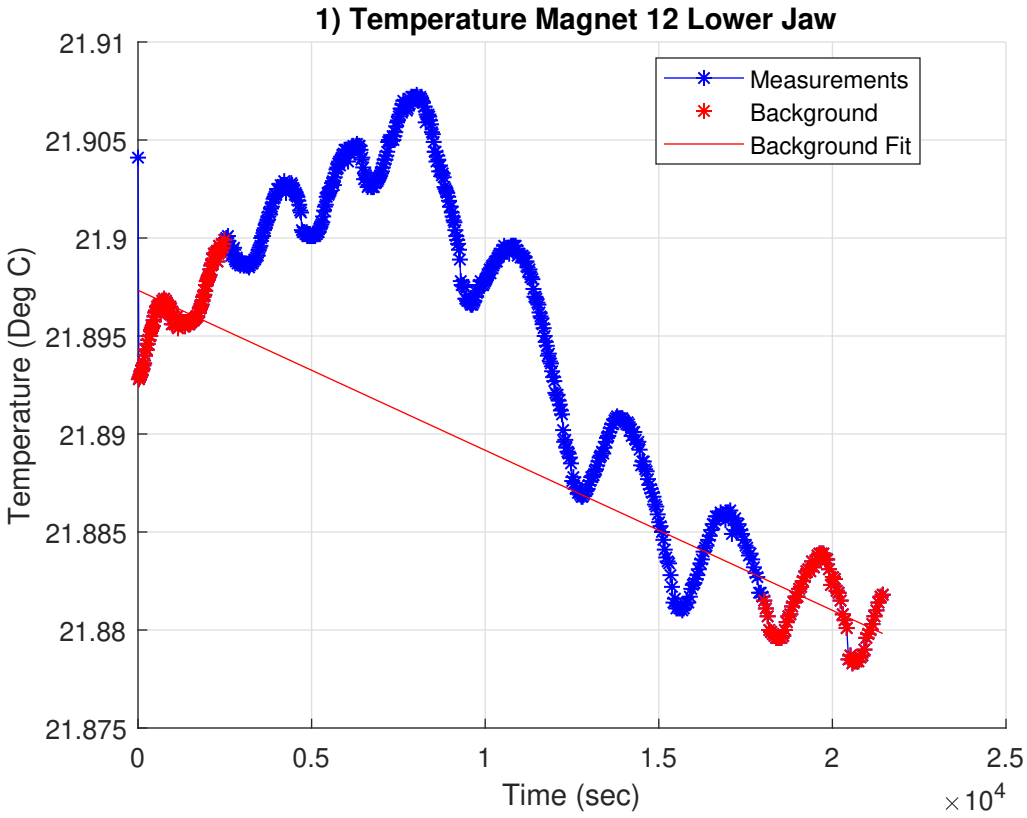
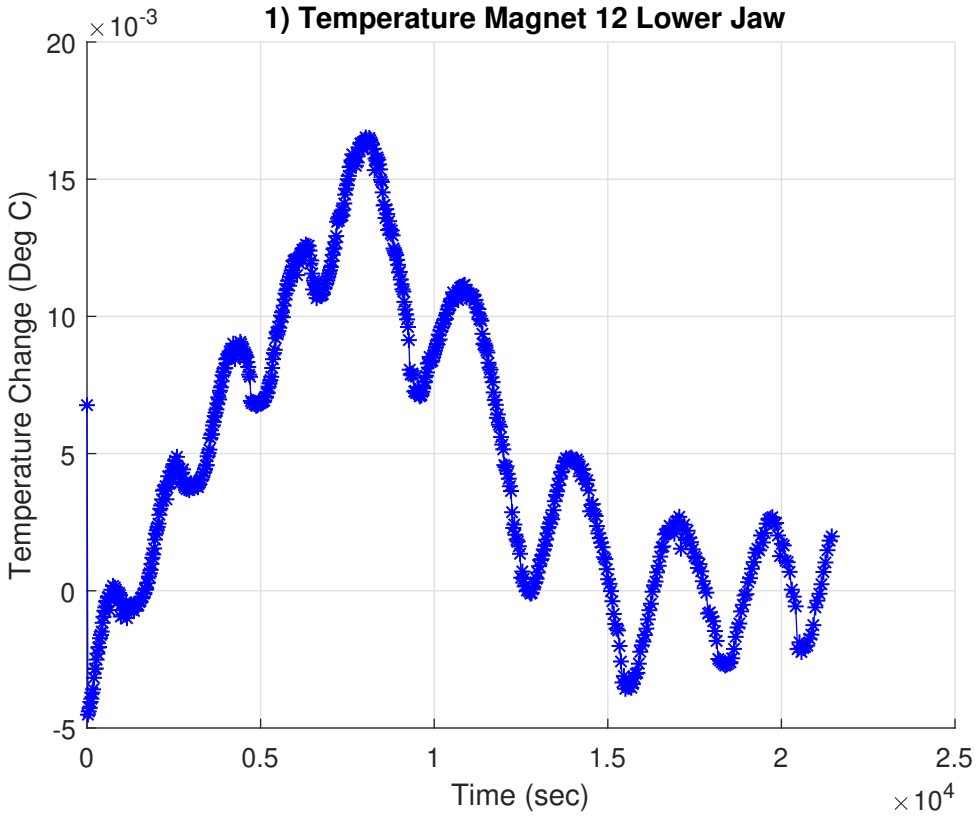
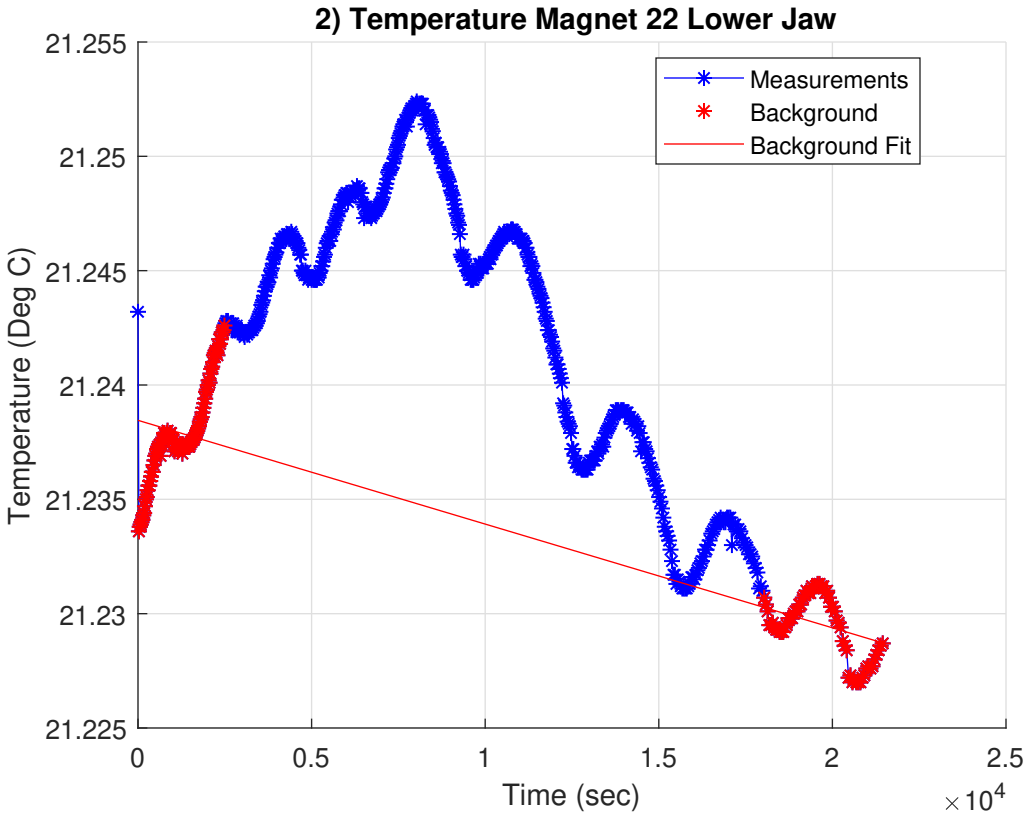
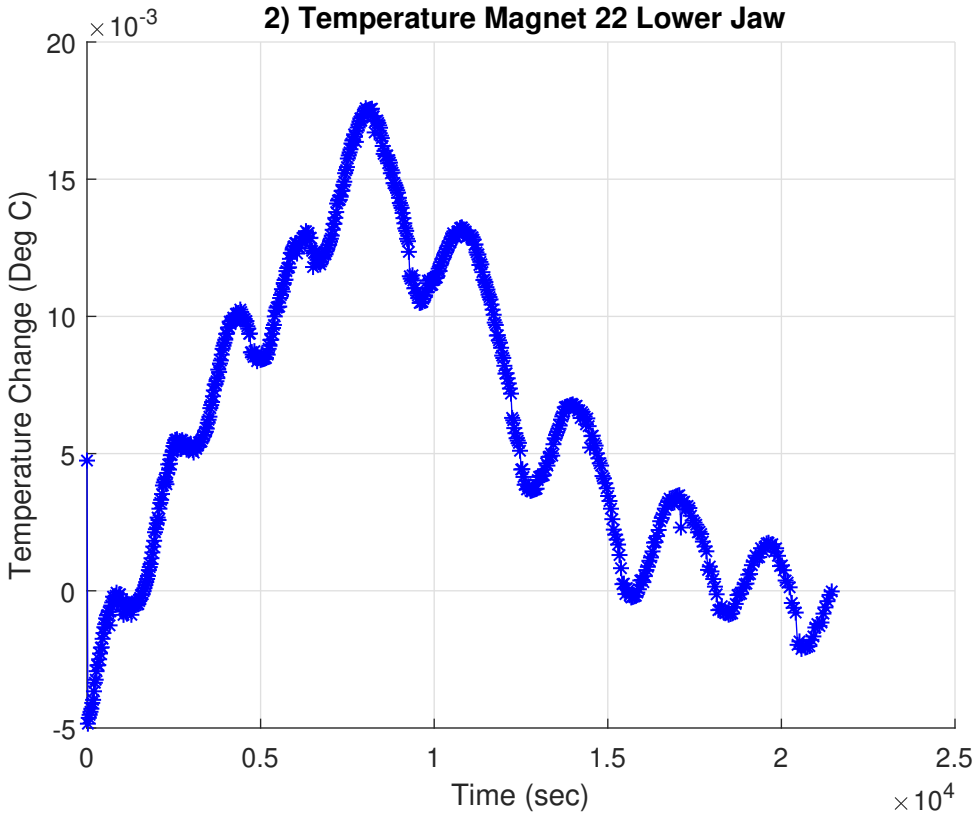
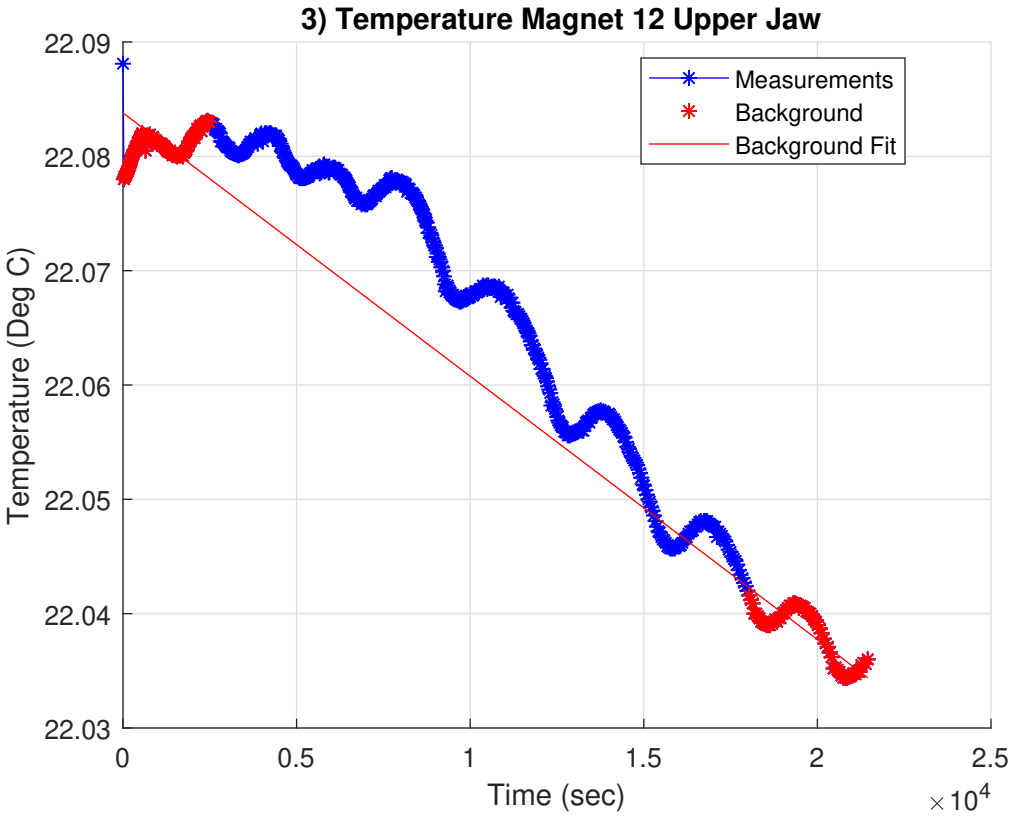
SLAC Magnetic Measurements#
Date: 09-04-2018#
Time: 17:39:00#

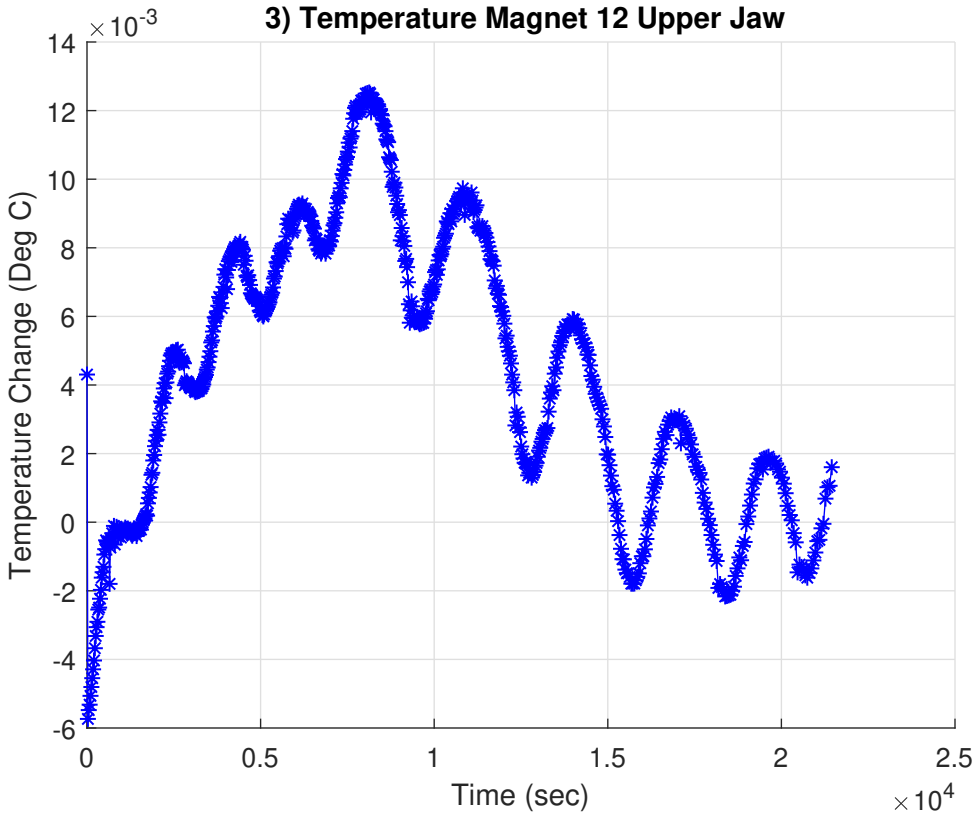

1) Temperature Magnet 12 Lower Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
21.91
21.905
21.9
21.895
21.89
21.885
21.88
21.875
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

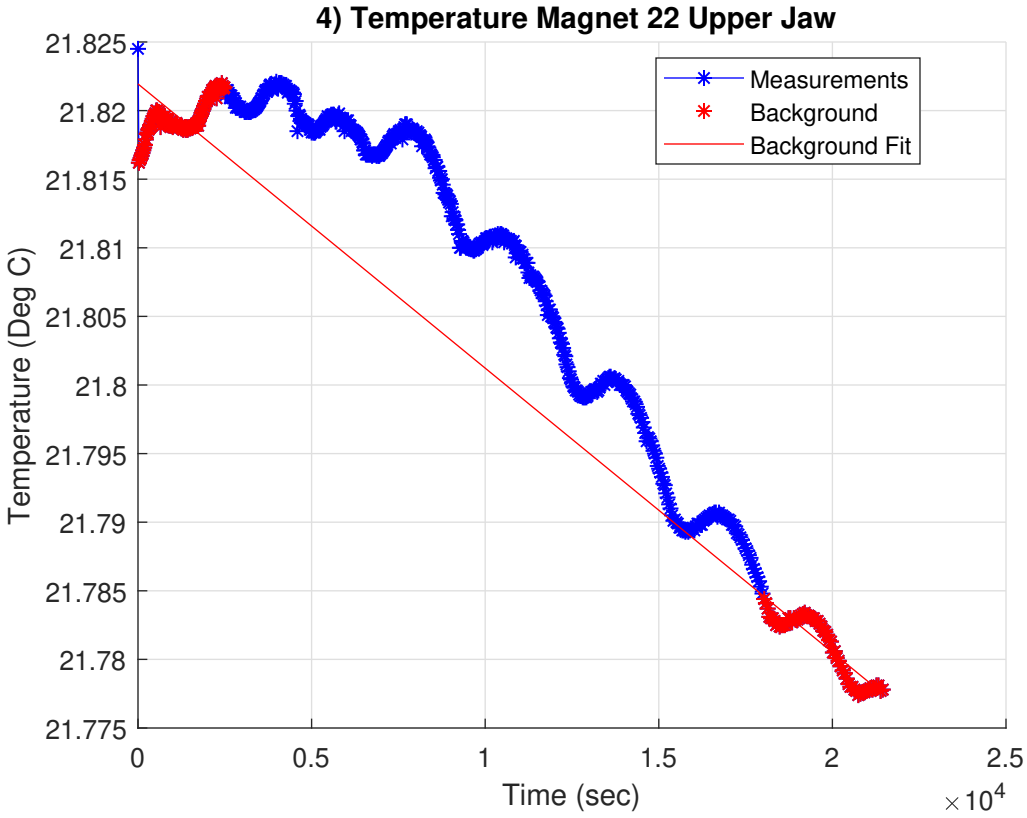

1) Temperature Magnet 12 Lower Jaw
×10-3
20
15
10
5
0
-5
Temperature Change (Deg C)
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

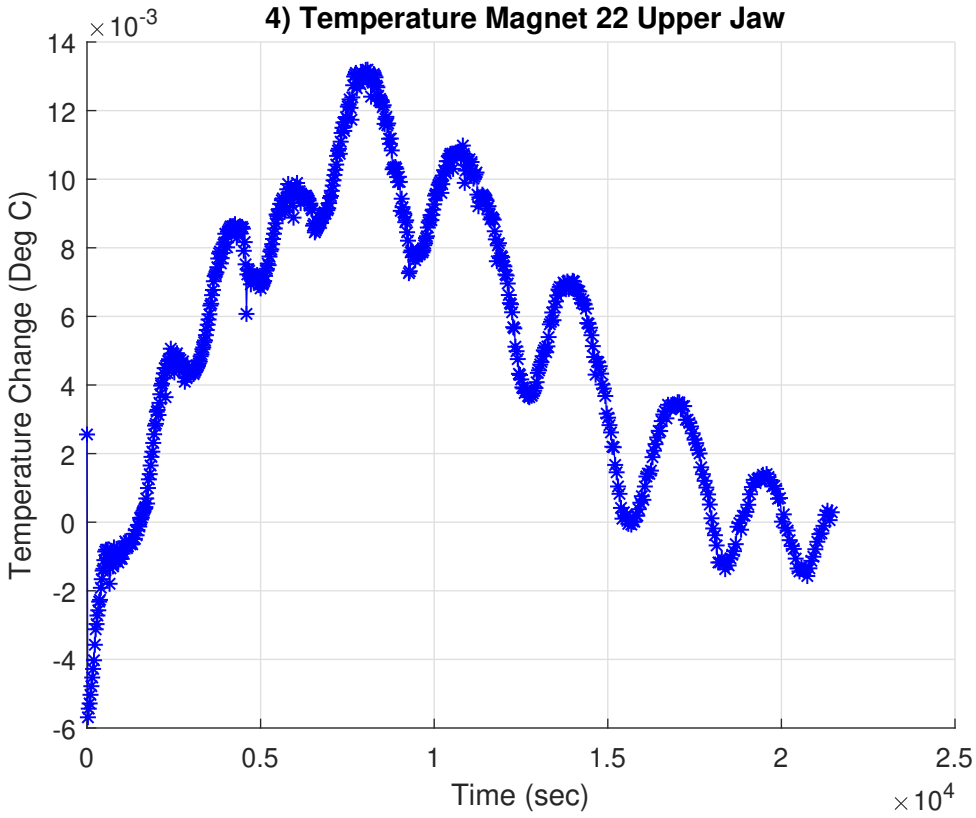

2) Temperature Magnet 22 Lower Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
21.255
21.25
21.245
21.24
21.235
21.23
21.225
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

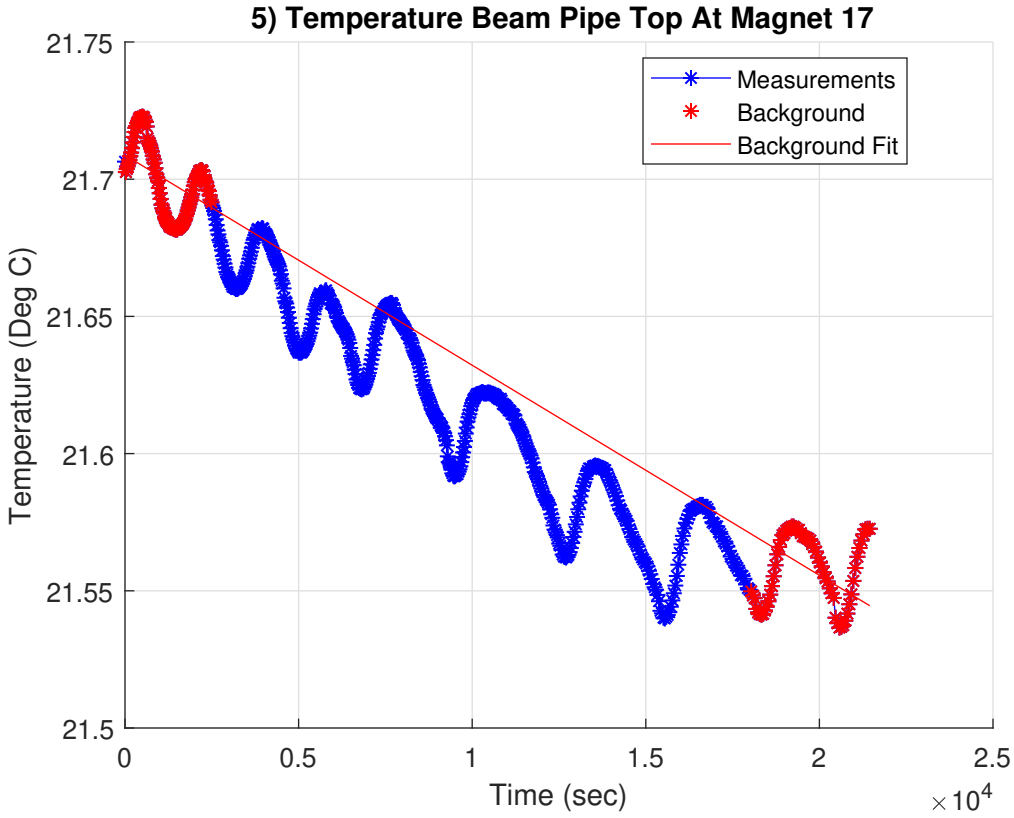

2) Temperature Magnet 22 Lower Jaw
×10-3
20
15
10
5
0
-5
Temperature Change (Deg C)
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

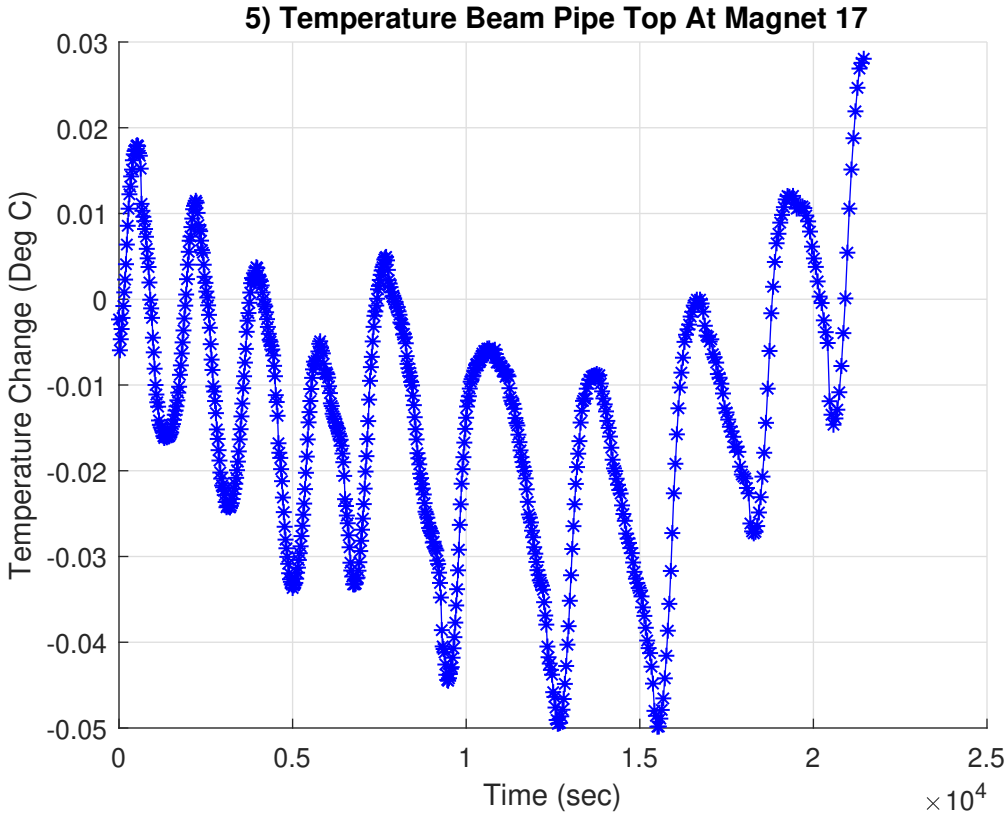

3) Temperature Magnet 12 Upper Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
22.09
22.08
22.07
22.06
22.05
22.04
22.03
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

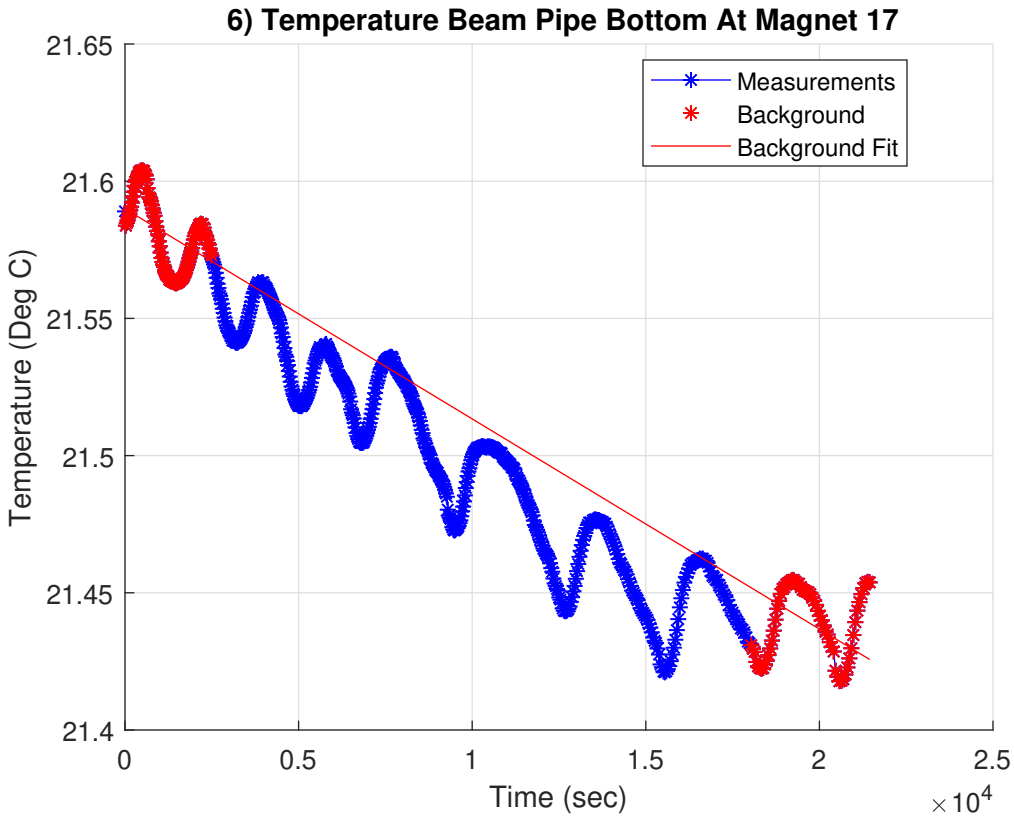

3) Temperature Magnet 12 Upper Jaw
×10-3
14
12
10
8
6
4
2
0
-2
-4
-6
Temperature Change (Deg C)
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

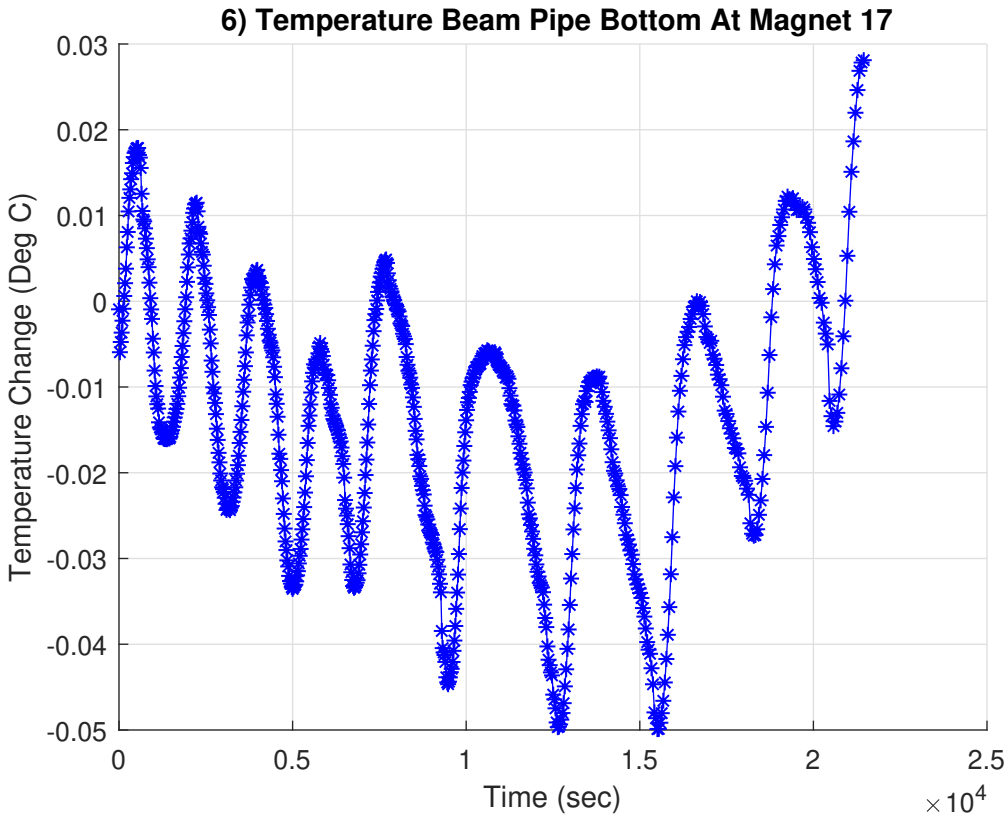

4) Temperature Magnet 22 Upper Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
21.825
21.82
21.815
21.81
21.805
21.8
21.795
21.79
21.785
21.78
21.775
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

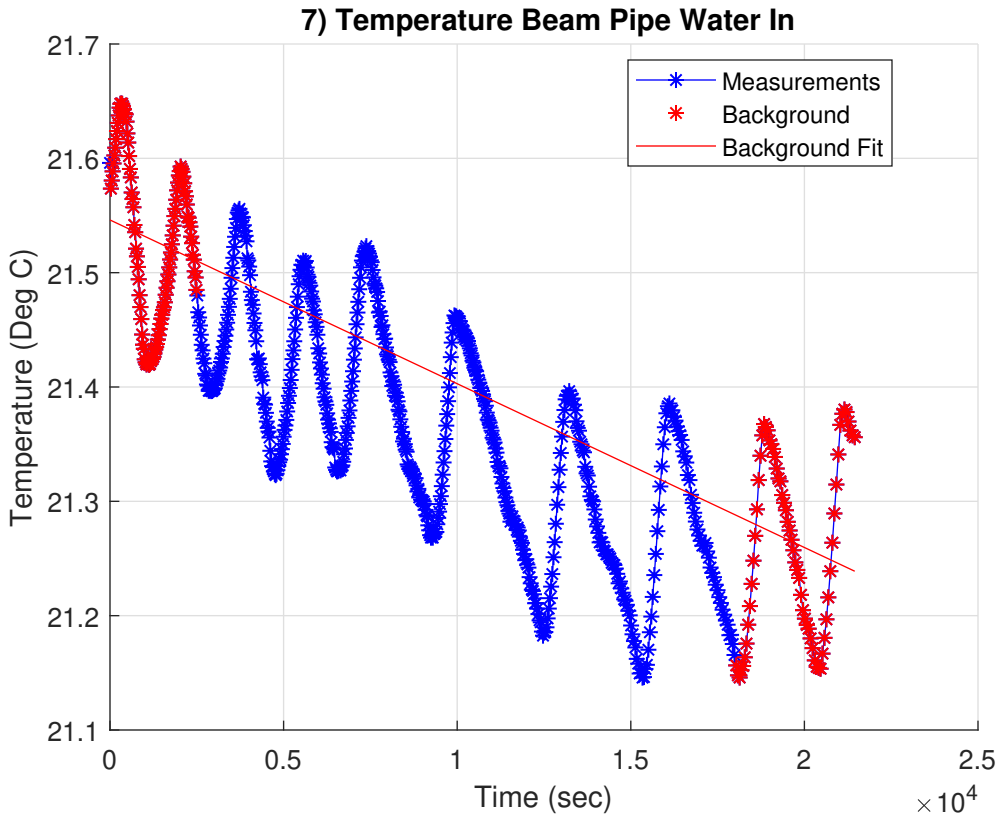

4) Temperature Magnet 22 Upper Jaw
×10-3
14
12
10
8
6
4
2
0
-2
-4
-6
Temperature Change (Deg C)
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

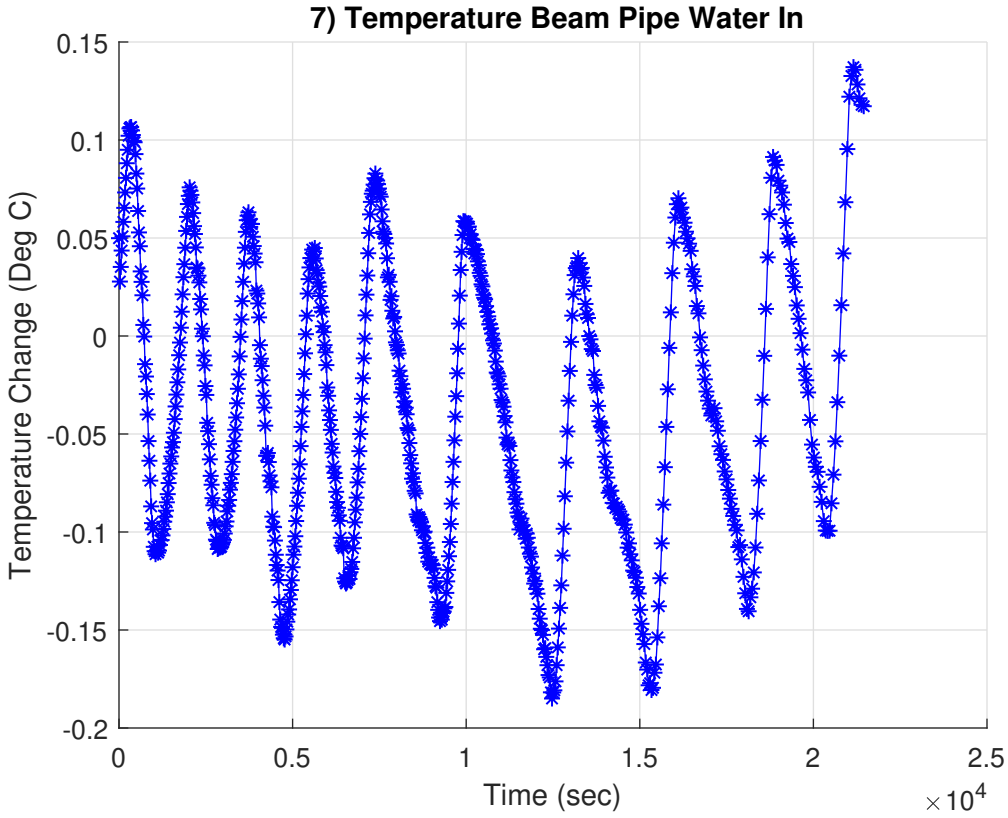

5) Temperature Beam Pipe Top At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
21.75
21.7
21.65
21.6
21.55
21.5
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

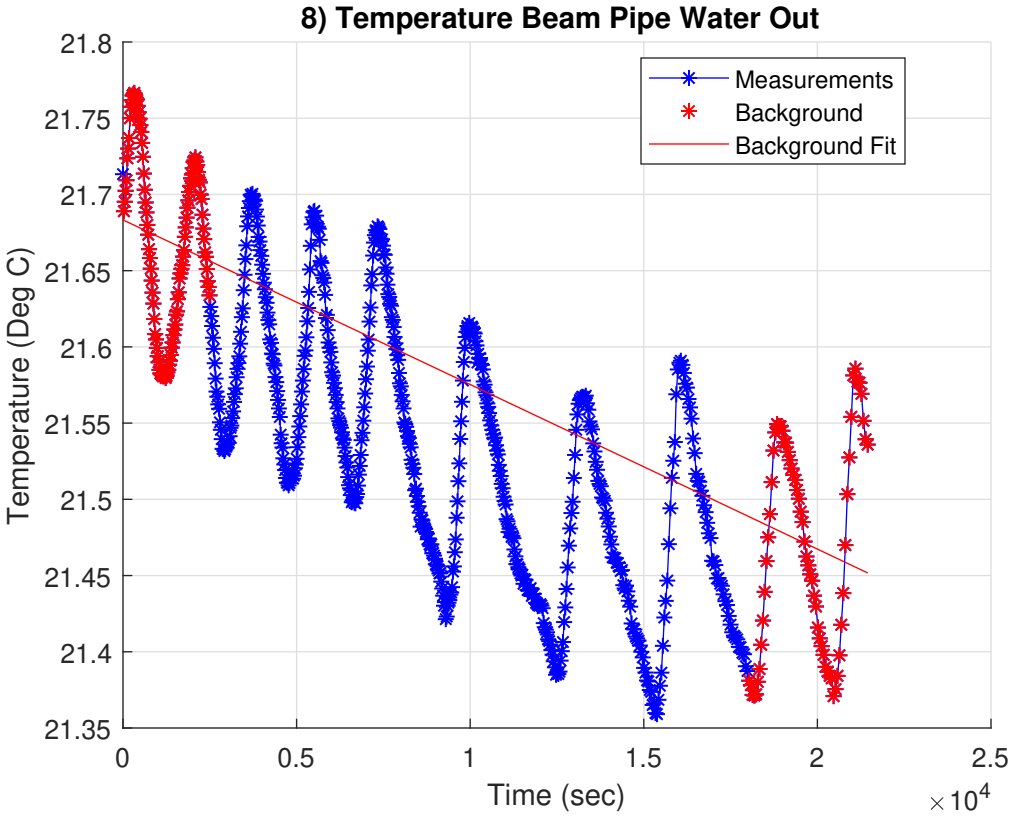

5) Temperature Beam Pipe Top At Magnet 17
Temperature Change (Deg C)
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

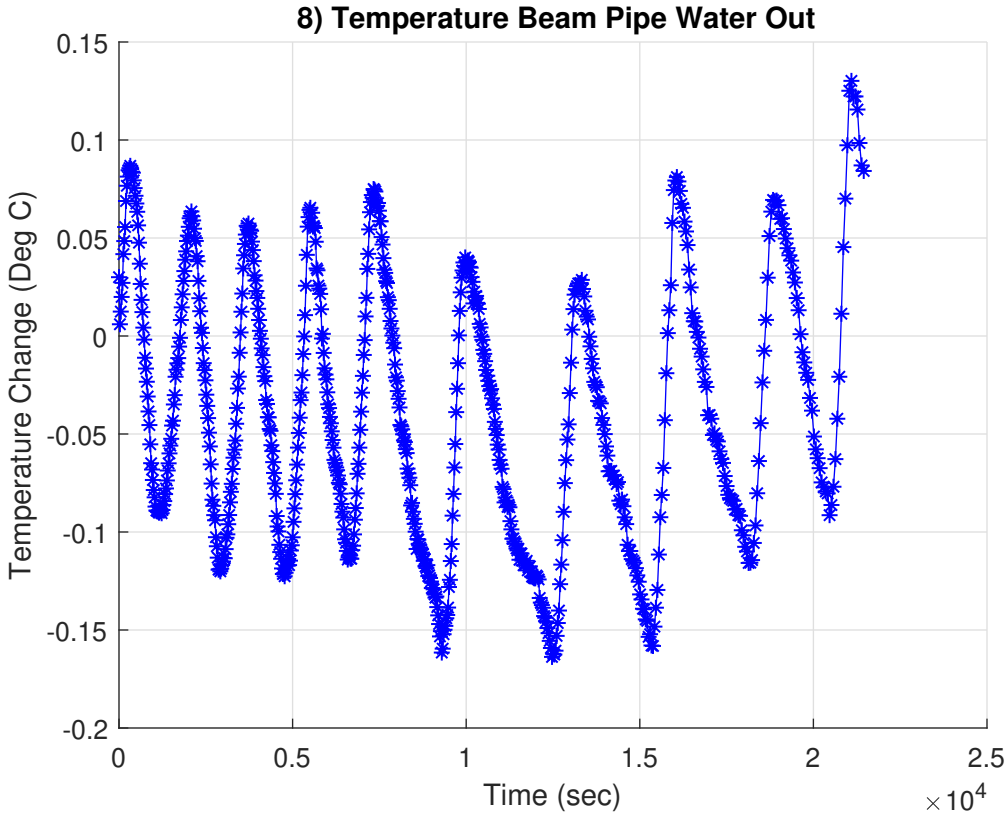

6) Temperature Beam Pipe Bottom At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
21.65
21.6
21.55
21.5
21.45
21.4
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

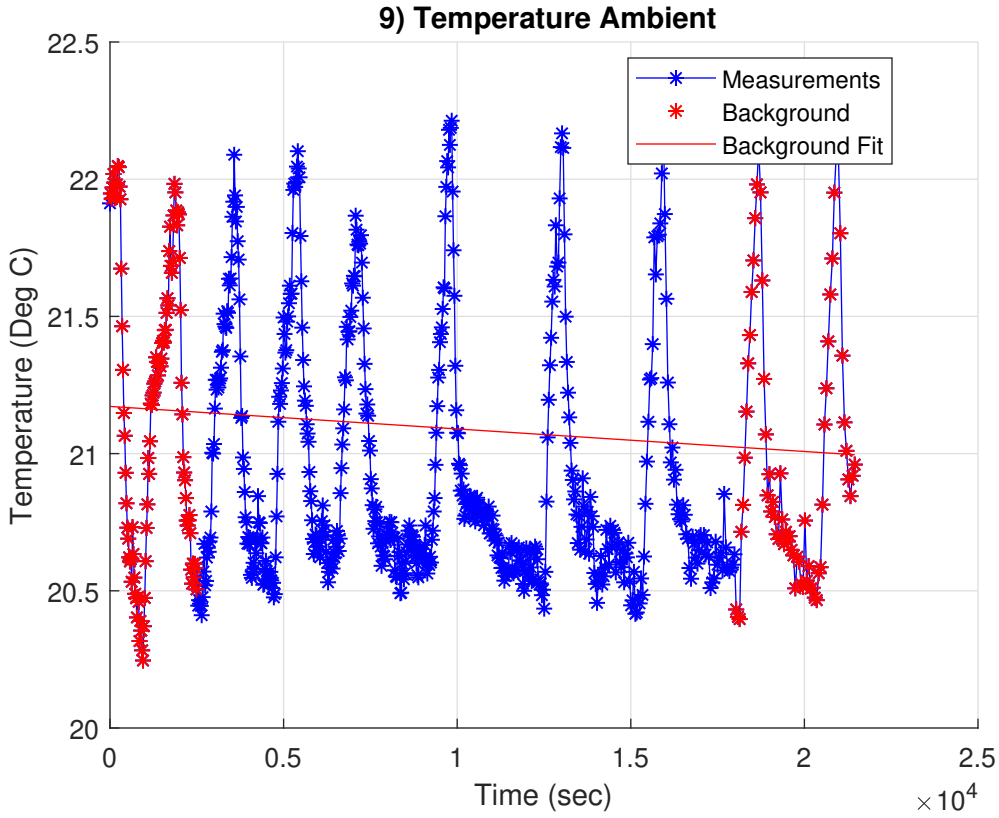

6) Temperature Beam Pipe Bottom At Magnet 17
Temperature Change (Deg C)
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

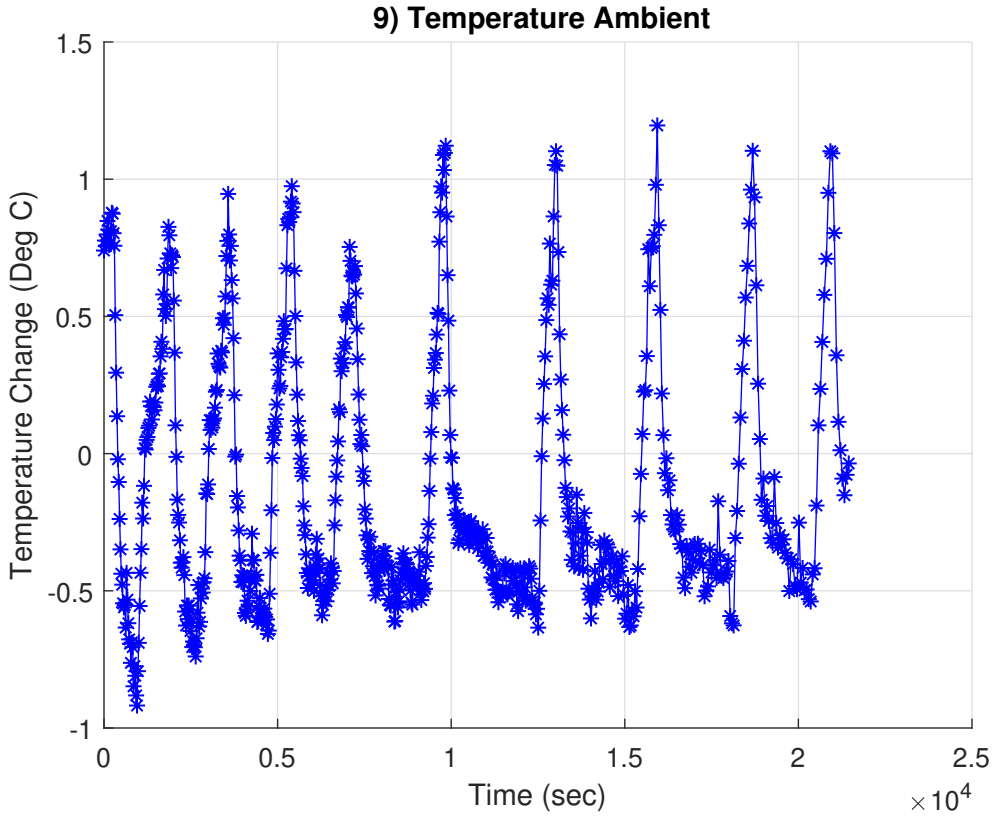

7) Temperature Beam Pipe Water In
Measurements
Background
Background Fit
Temperature (Deg C)
21.7
21.6
21.5
21.4
21.3
21.2
21.1
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4


7) Temperature Beam Pipe Water In
Temperature Change (Deg C)
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4


8) Temperature Beam Pipe Water Out
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
21.8
21.75
21.7
21.65
21.6
21.55
21.5
21.45
21.4
21.35
0
0.5
1
1.5
2
2.5
×10^4


8) Temperature Beam Pipe Water Out
Temperature Change (Deg C)
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4


9) Temperature Ambient
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
22.5
22
21.5
21
20.5
20
0
0.5
1
1.5
2
2.5
×10^4


9) Temperature Ambient
Temperature Change (Deg C)
1.5
1
0.5
0
-0.5
-1
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4