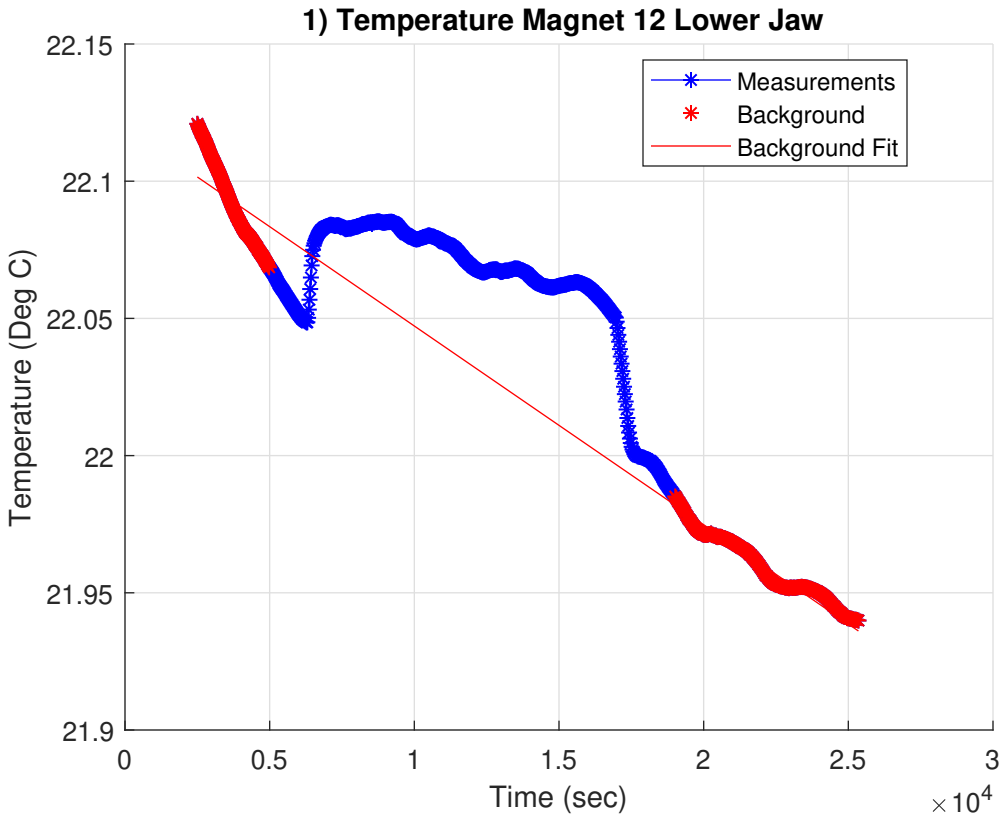
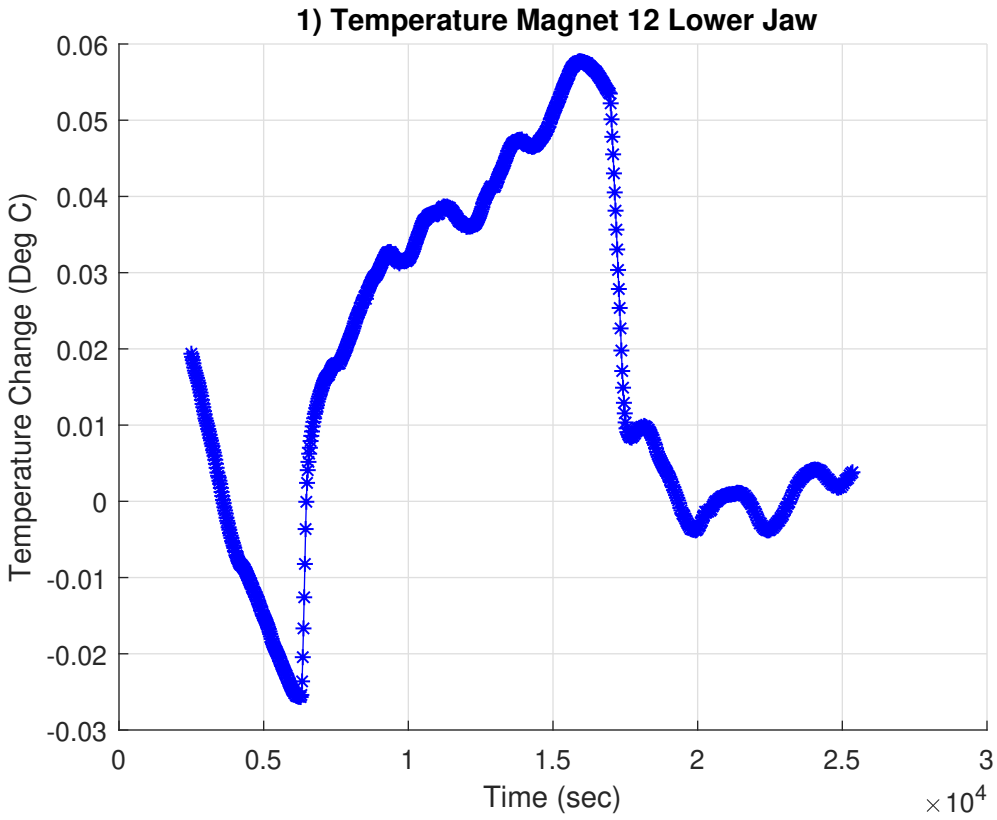
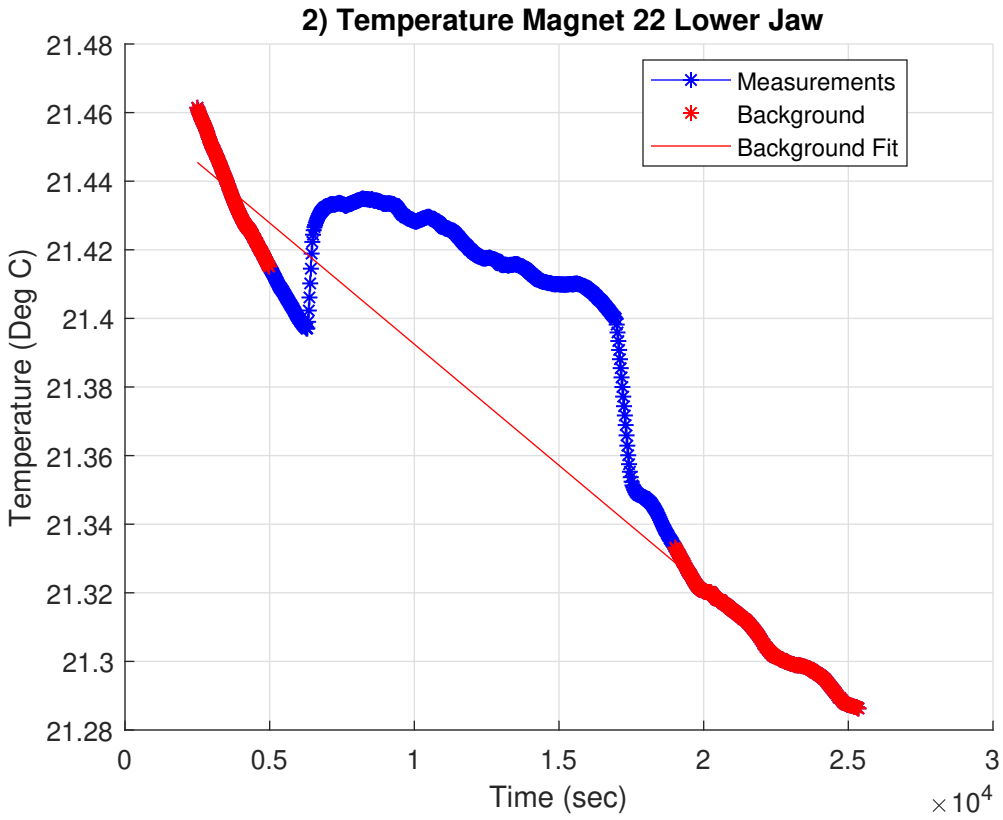
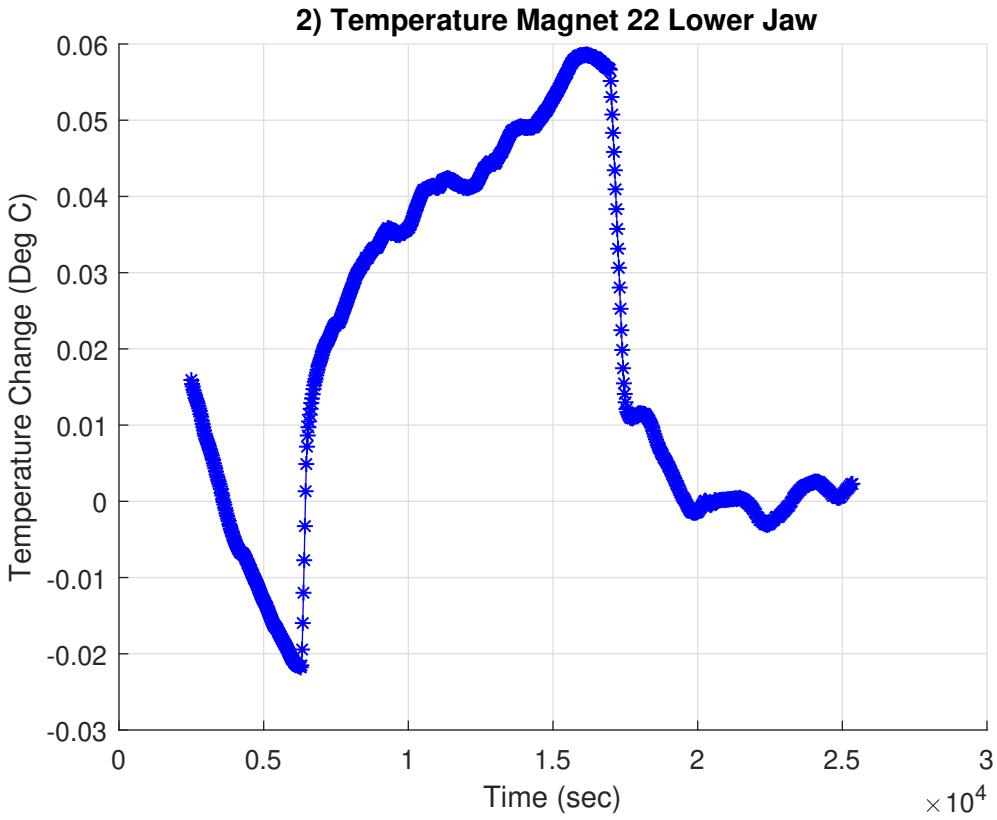
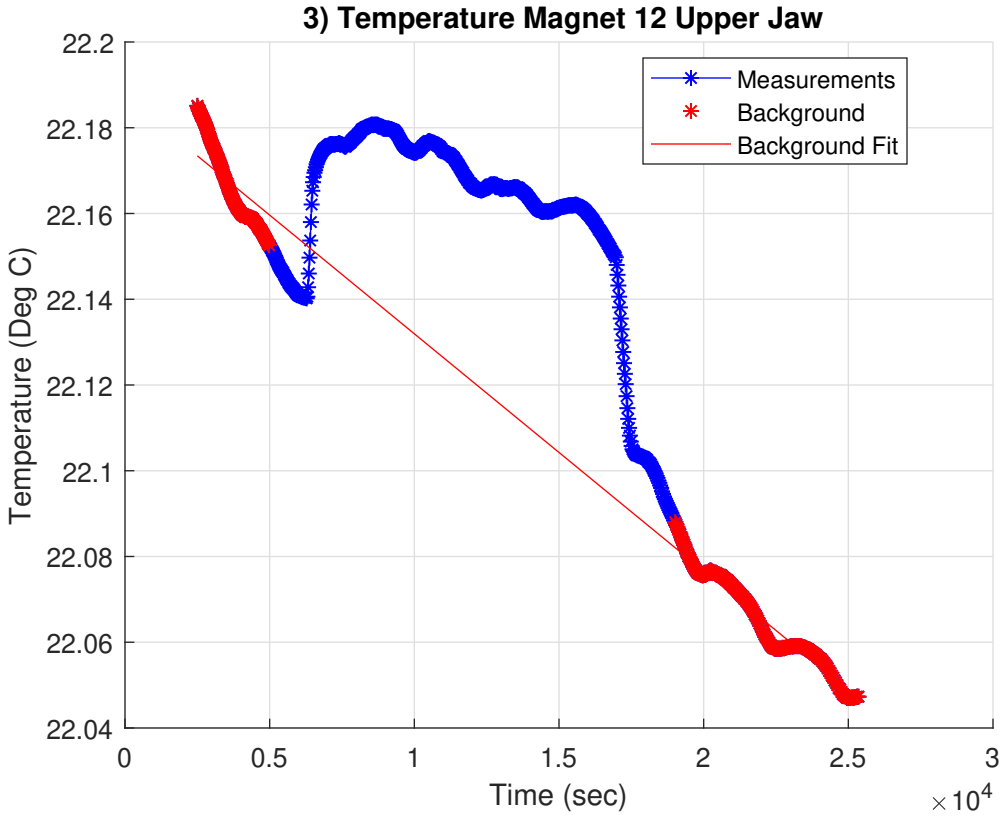
SLAC Magnetic Measurements#
Date: 08-24-2018#
Time: 17:55:39#

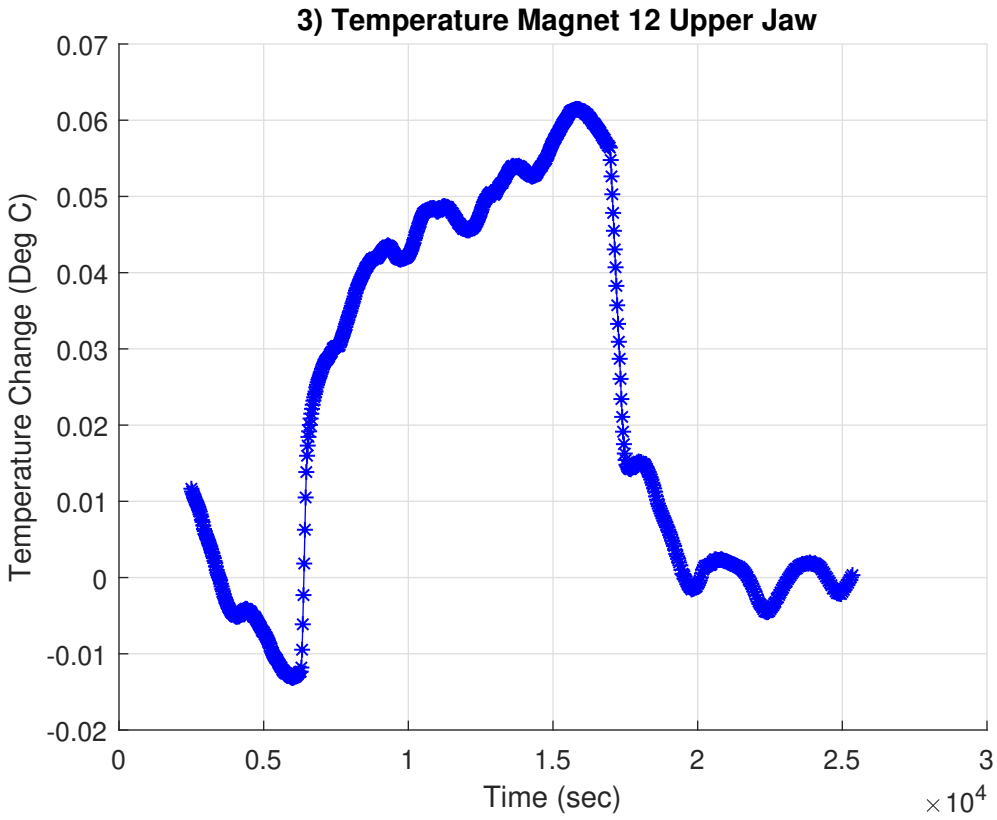

1) Temperature Magnet 12 Lower Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
22.15
22.1
22.05
22
21.95
21.9
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

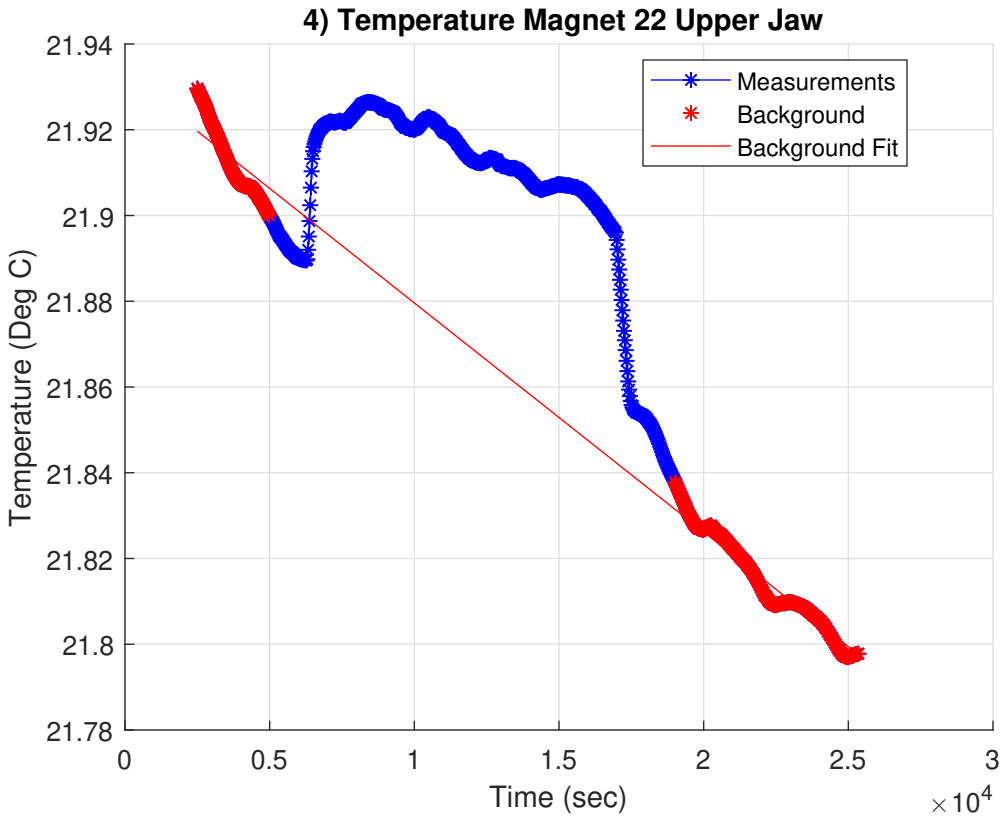

1) Temperature Magnet 12 Lower Jaw
Temperature Change (Deg C)
0.06
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

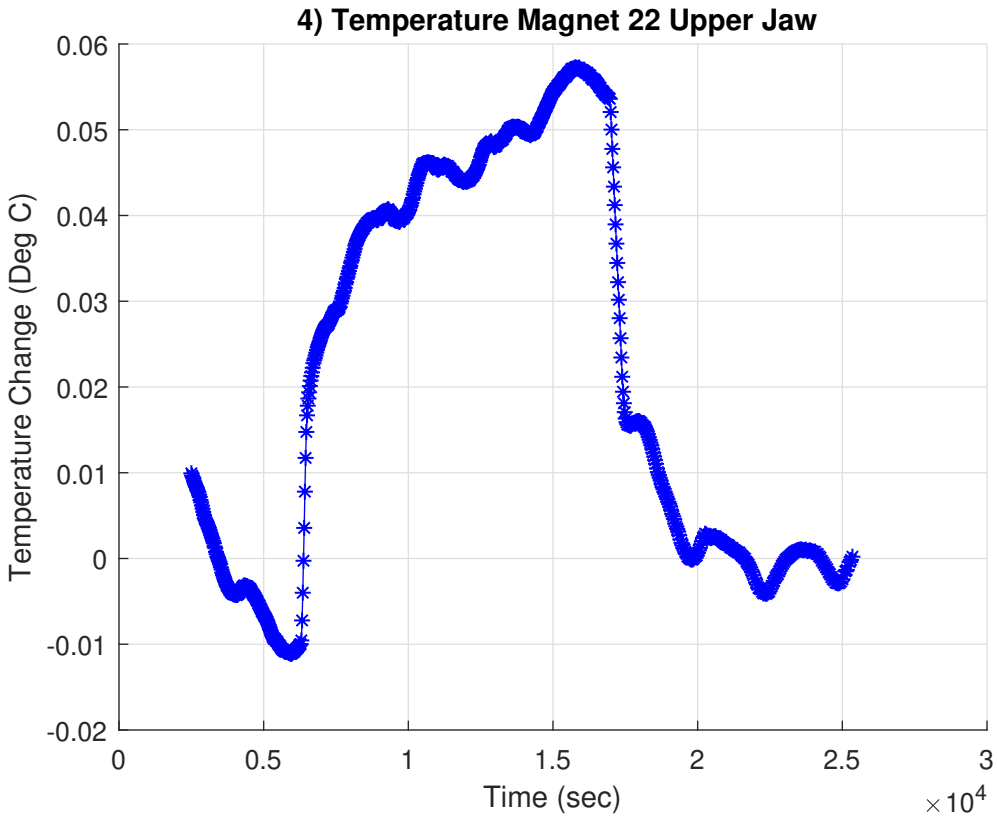

2) Temperature Magnet 22 Lower Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
21.48
21.46
21.44
21.42
21.4
21.38
21.36
21.34
21.32
21.3
21.28
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

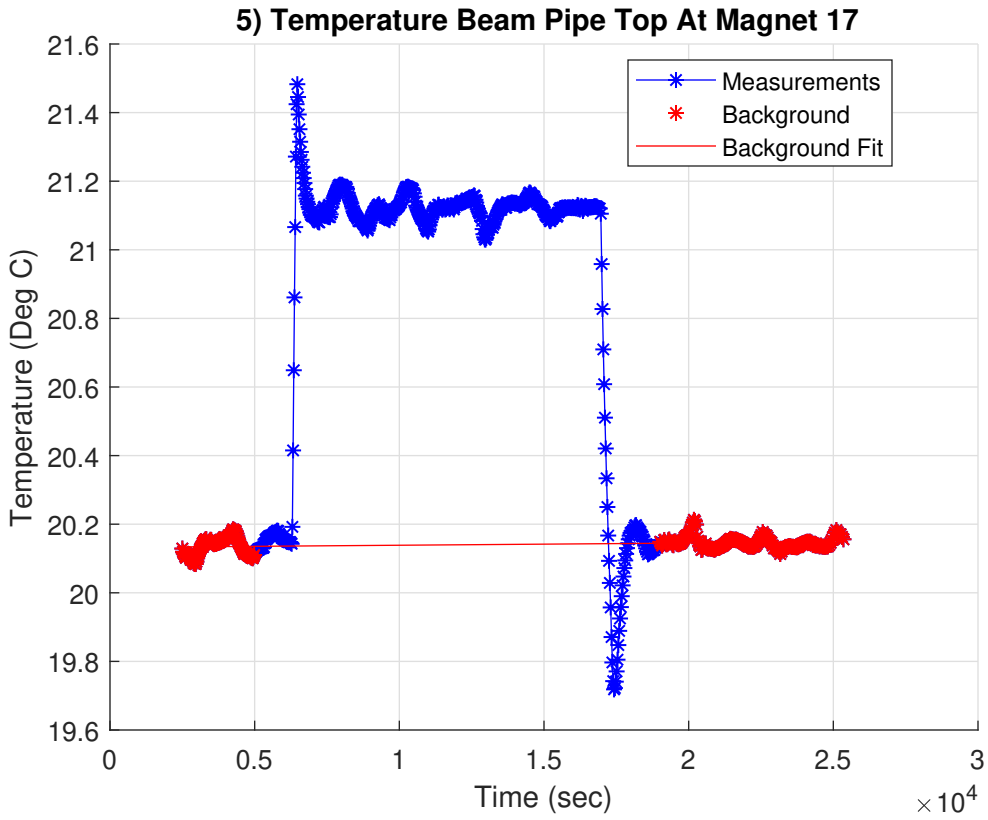

2) Temperature Magnet 22 Lower Jaw
Temperature Change (Deg C)
0.06
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

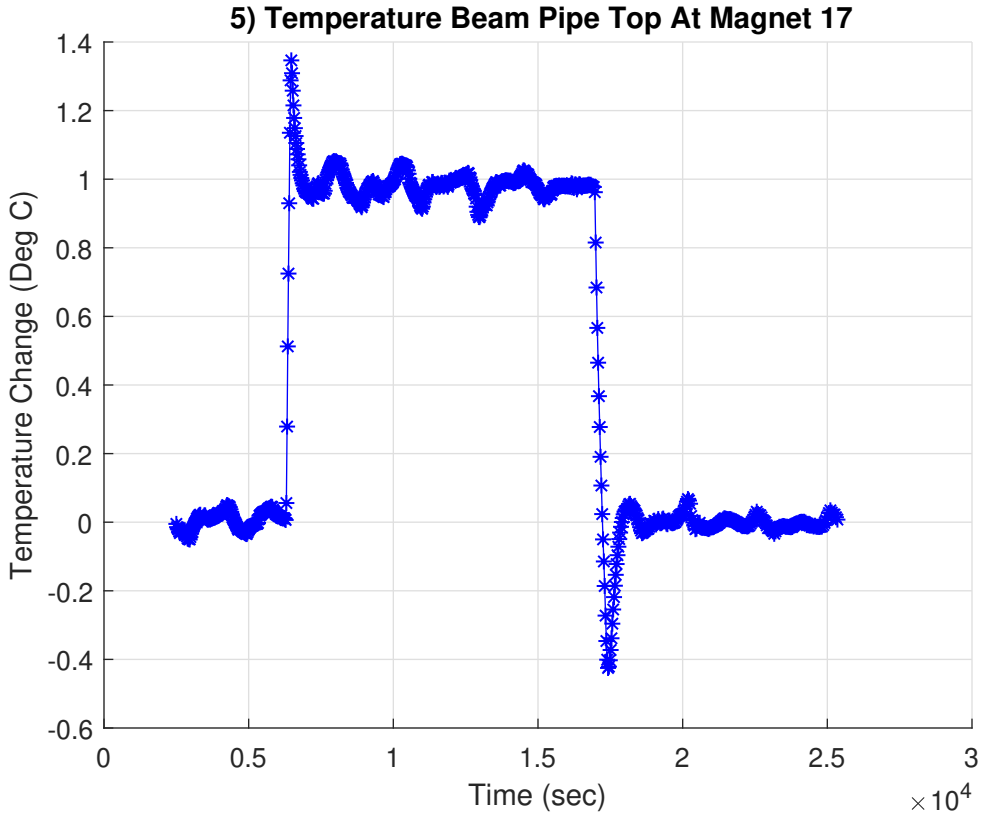

3) Temperature Magnet 12 Upper Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
22.2
22.18
22.16
22.14
22.12
22.1
22.08
22.06
22.04
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

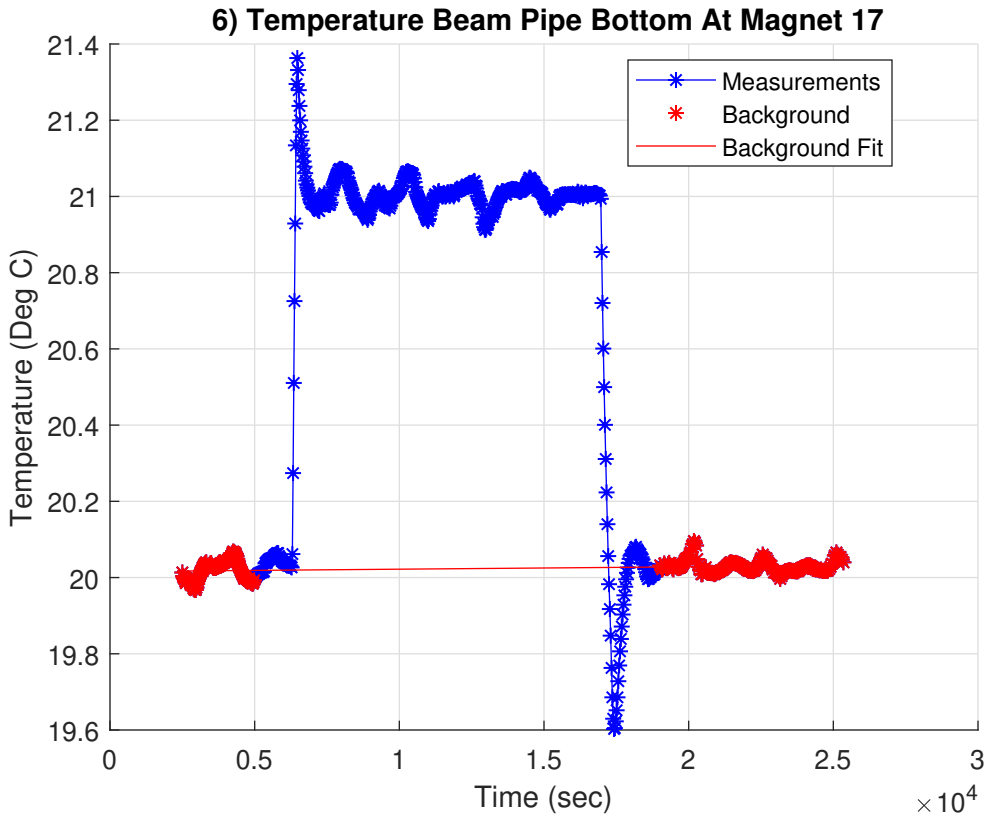

3) Temperature Magnet 12 Upper Jaw
Temperature Change (Deg C)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

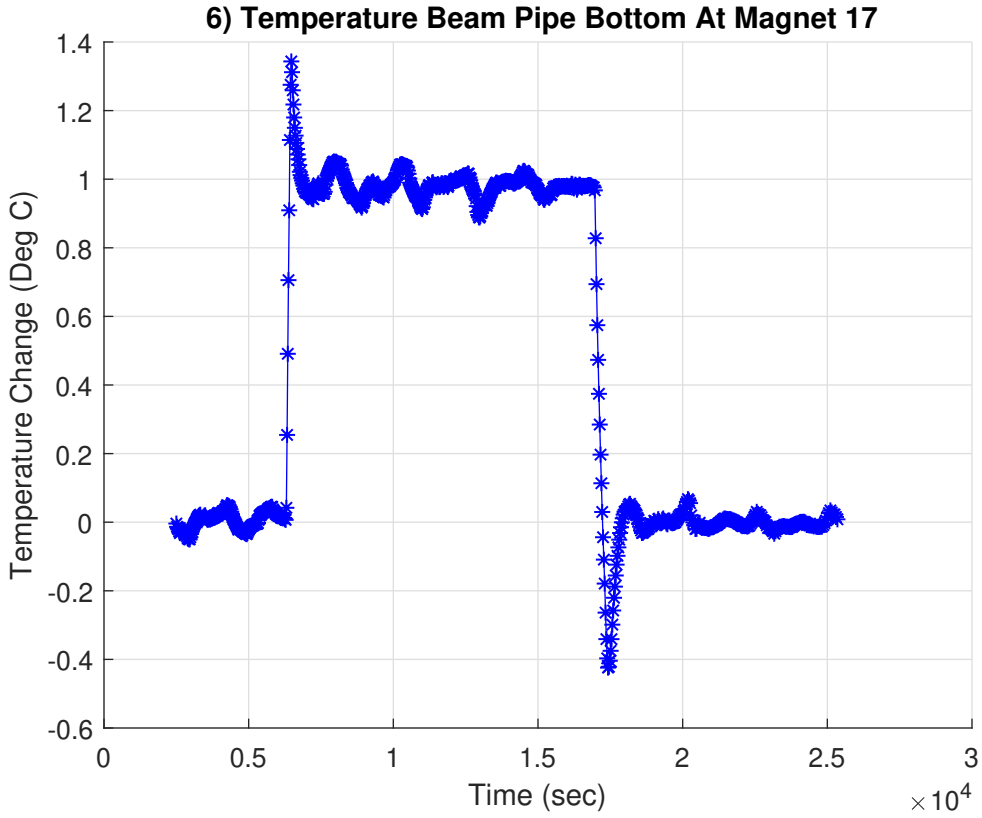

4) Temperature Magnet 22 Upper Jaw
Measurements
Background
Background Fit
Temperature (Deg C)
21.94
21.92
21.9
21.88
21.86
21.84
21.82
21.8
21.78
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

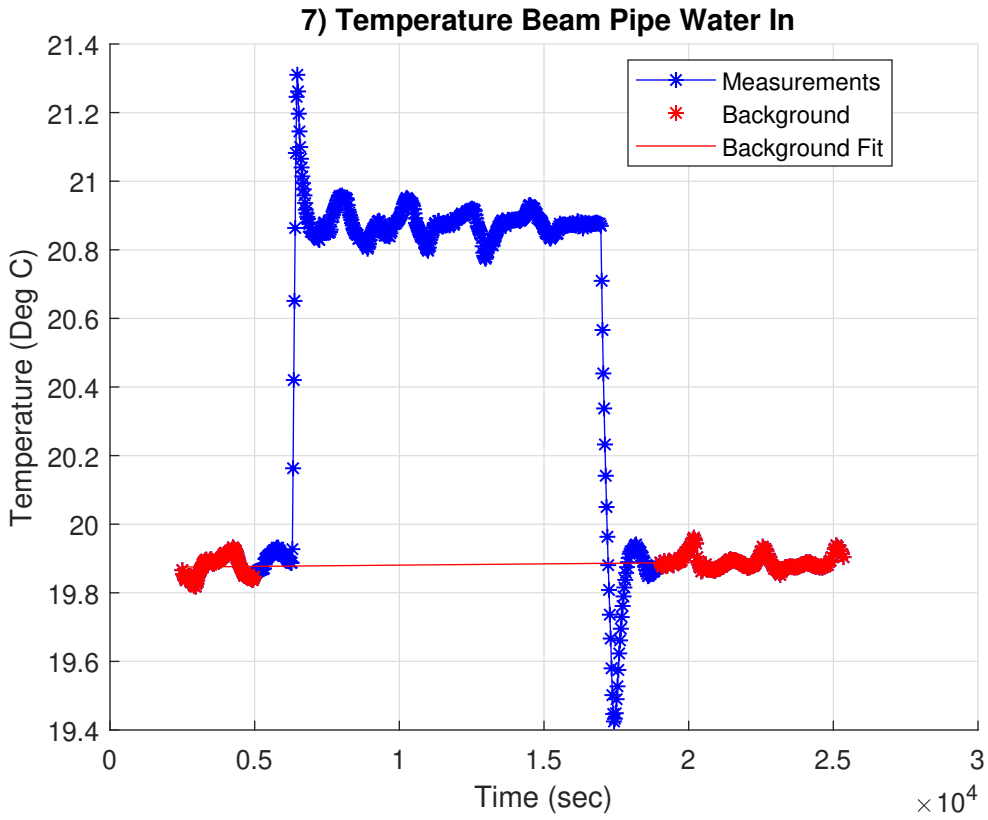

4) Temperature Magnet 22 Upper Jaw
Temperature Change (Deg C)
0.06
0.05
0.04
0.03
0.02
0.01
0
-0.01
-0.02
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

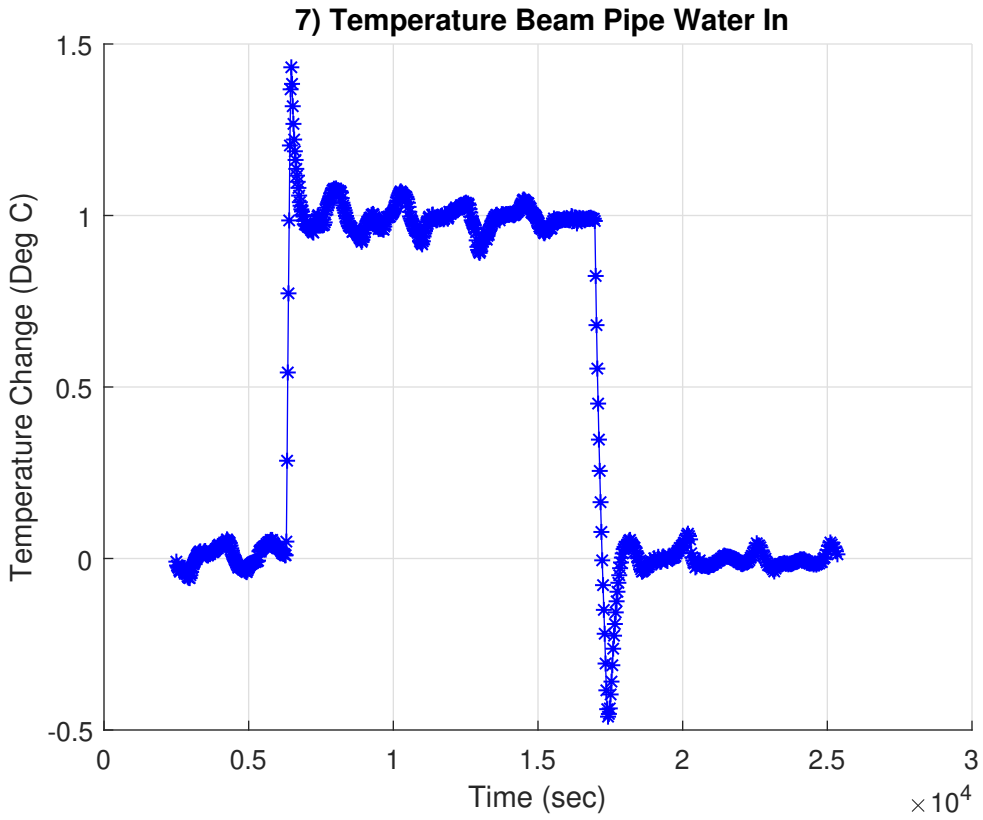

5) Temperature Beam Pipe Top At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
21.6
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

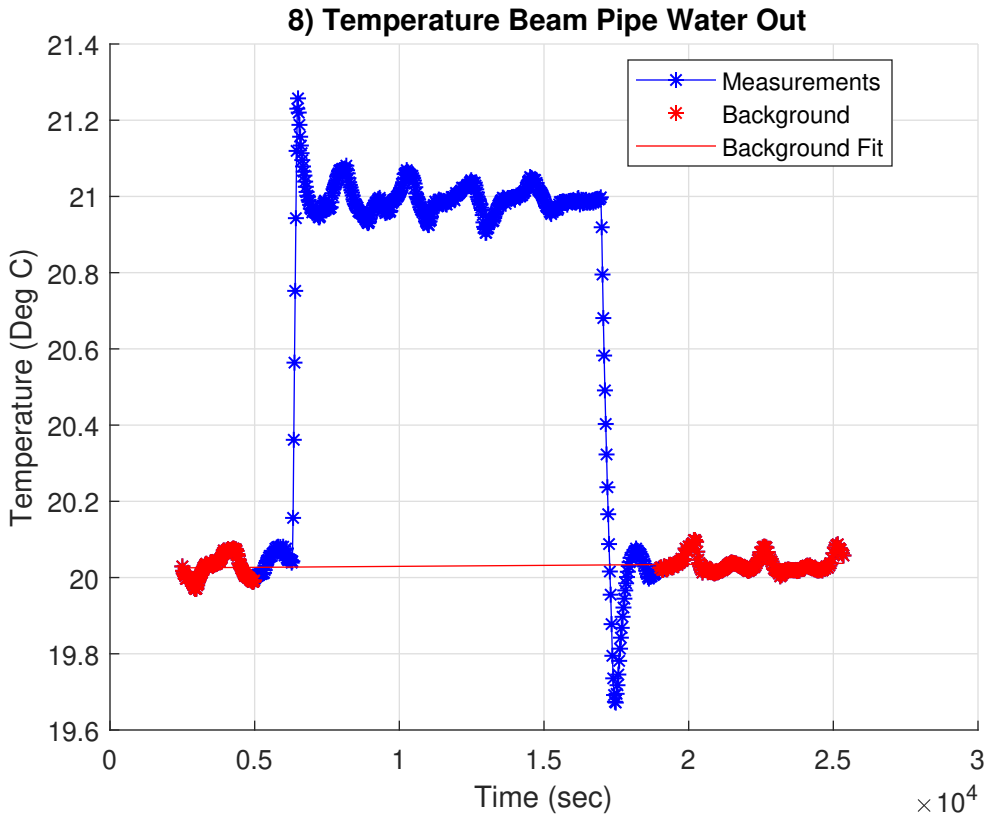

5) Temperature Beam Pipe Top At Magnet 17
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

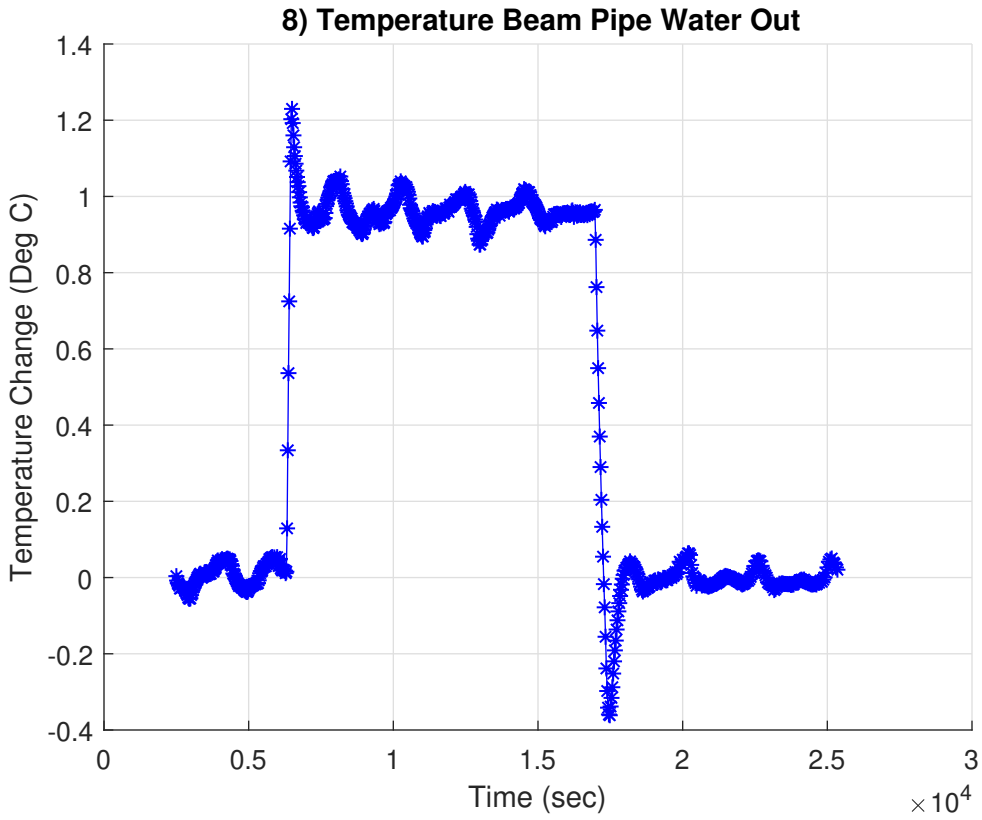

6) Temperature Beam Pipe Bottom At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

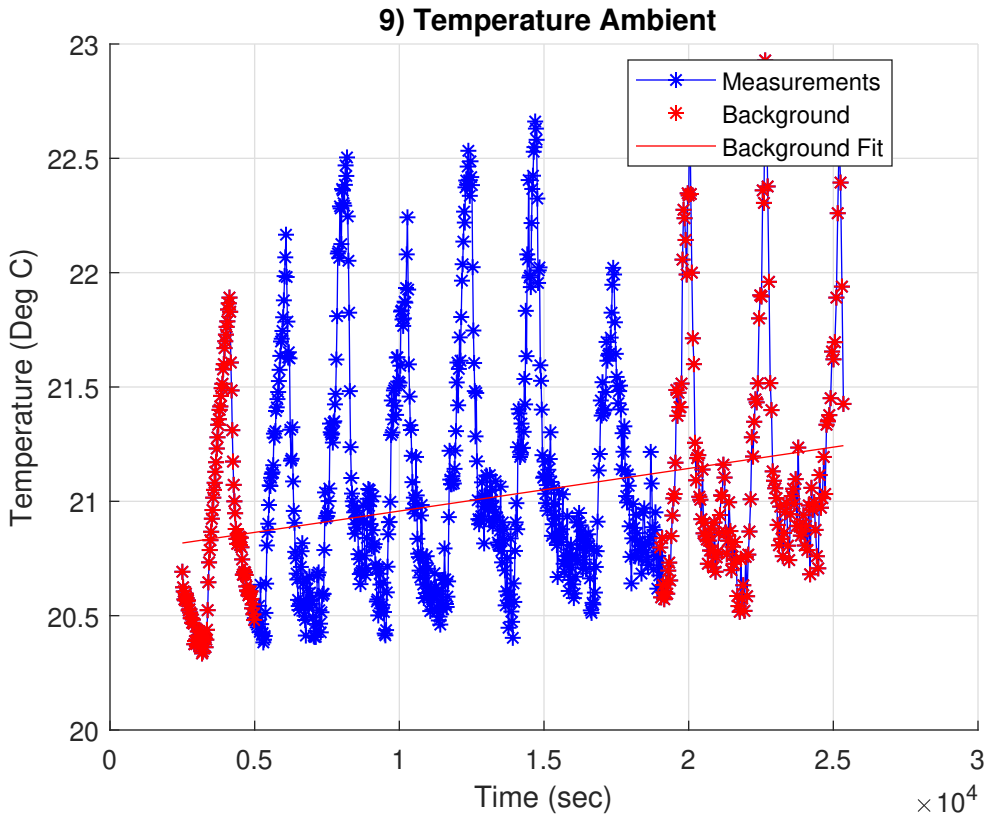

6) Temperature Beam Pipe Bottom At Magnet 17
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4

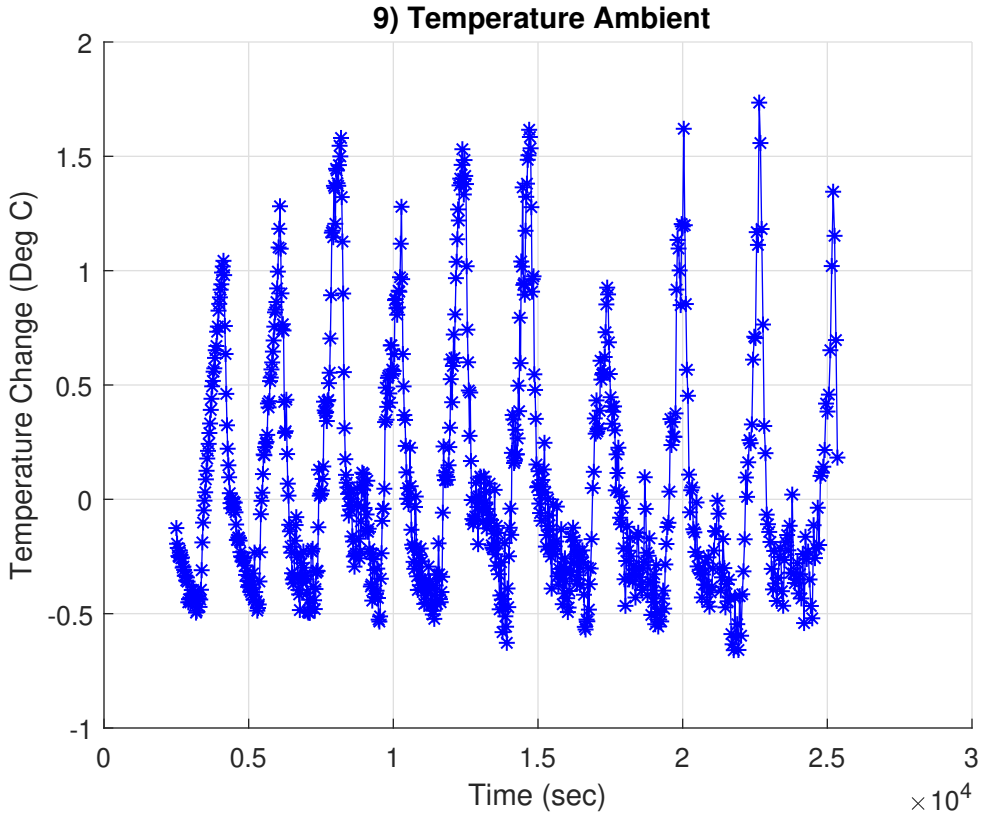

7) Temperature Beam Pipe Water In
Measurements
Background
Background Fit
Temperature (Deg C)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
19.4
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4


7) Temperature Beam Pipe Water In
Temperature Change (Deg C)
1.5
1
0.5
0
-0.5
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4


8) Temperature Beam Pipe Water Out
Measurements
Background
Background Fit
Temperature (Deg C)
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4


8) Temperature Beam Pipe Water Out
Temperature Change (Deg C)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4


9) Temperature Ambient
Measurements
Background
Background Fit
Temperature (Deg C)
Time (sec)
23
22.5
22
21.5
21
20.5
20
0
0.5
1
1.5
2
2.5
3
×10^4


9) Temperature Ambient
Temperature Change (Deg C)
2
1.5
1
0.5
0
-0.5
-1
0
0.5
1
1.5
2
2.5
3
Time (sec)
×10^4