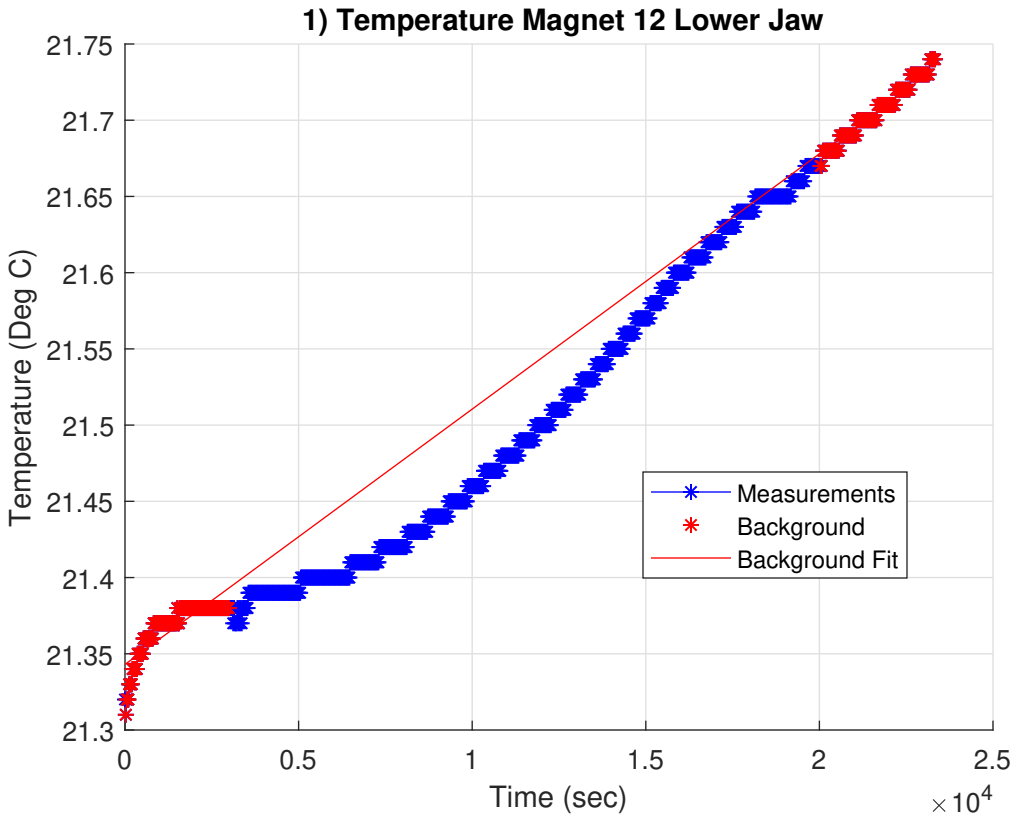
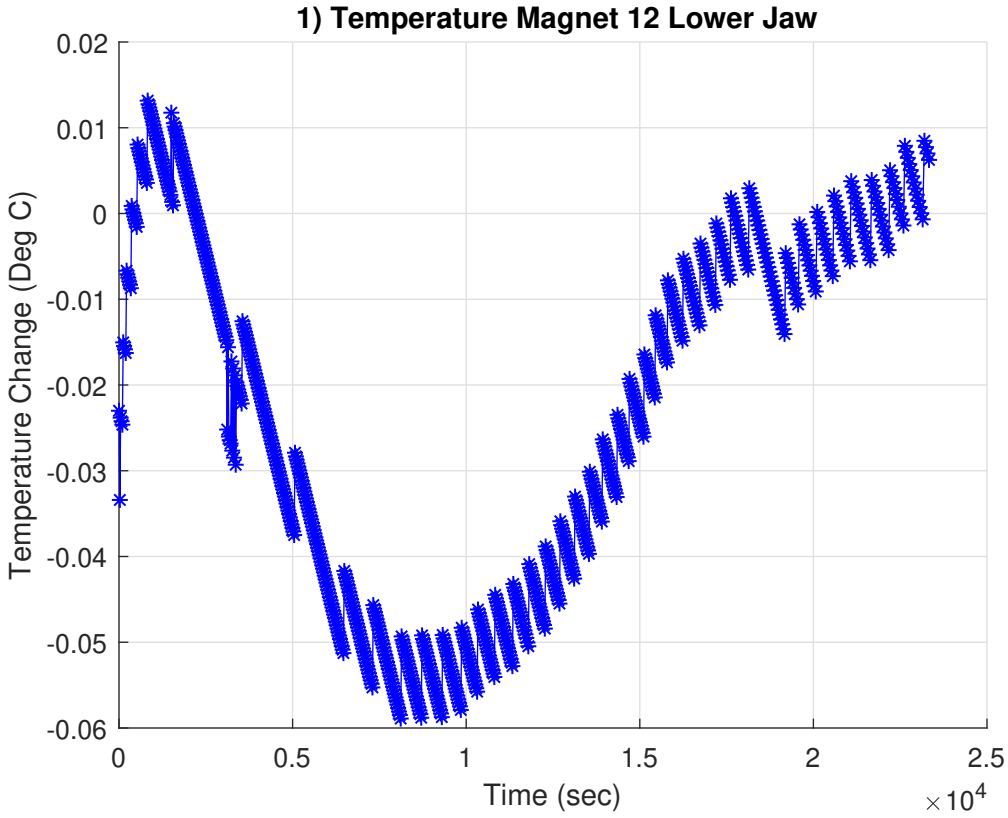
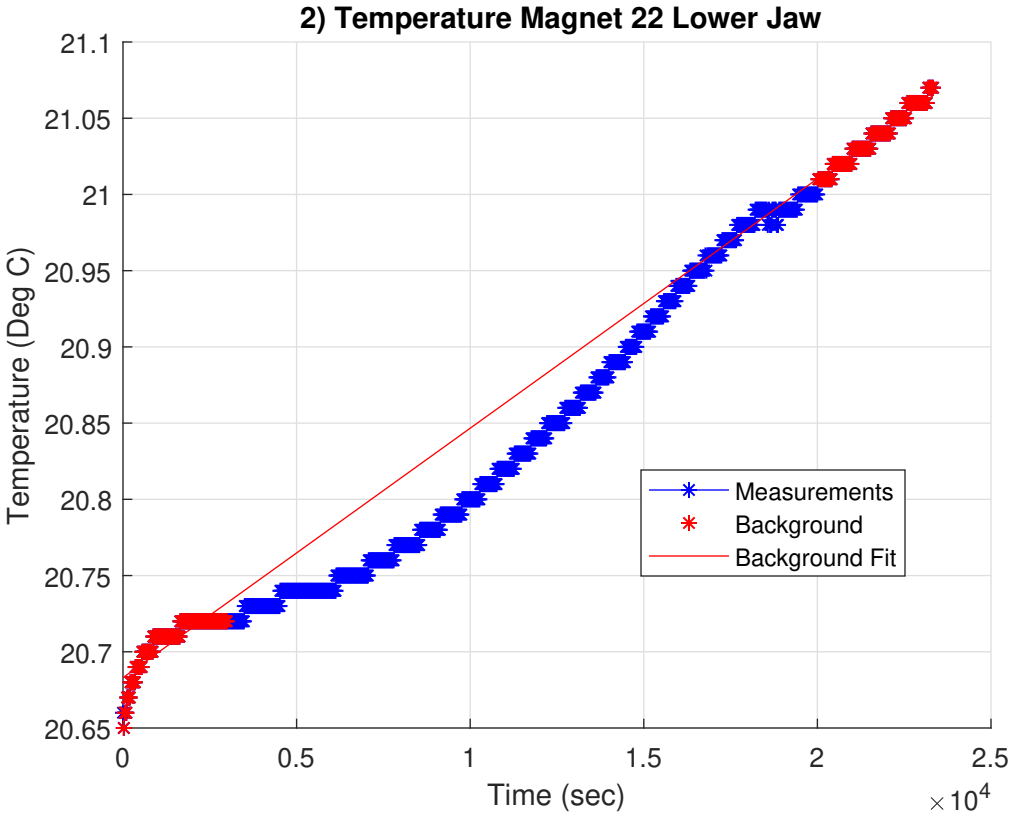
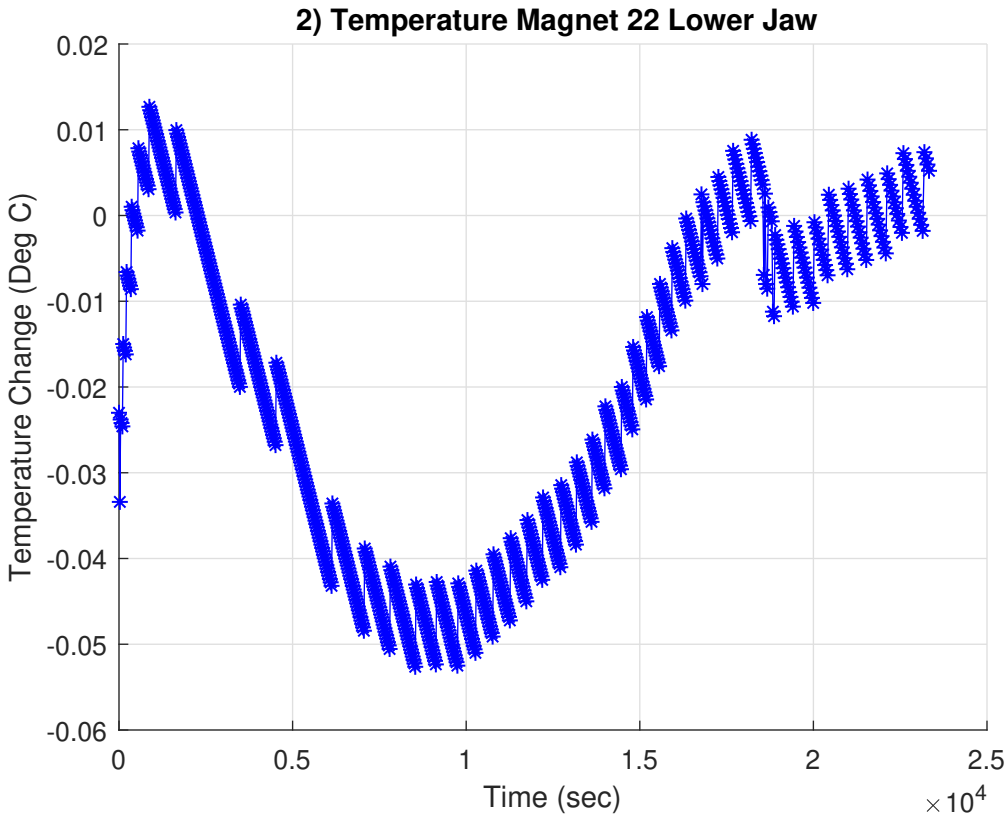
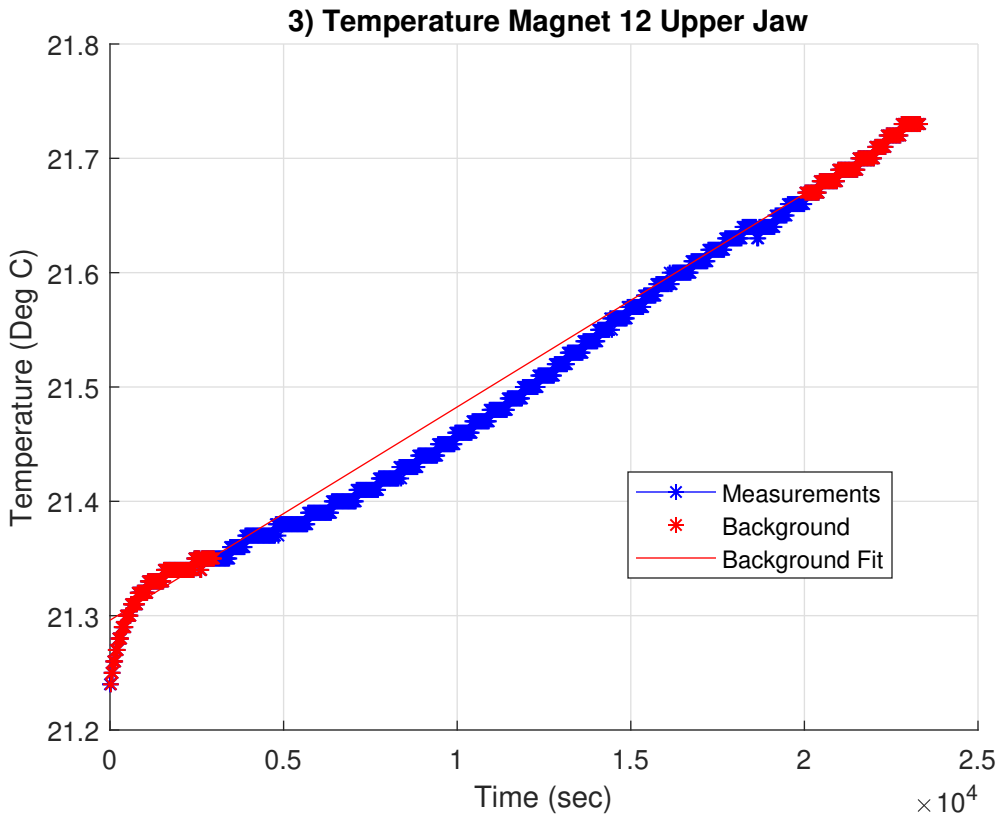
SLAC Magnetic Measurements#
Date: 08-10-2018#
Time: 14:41:37#

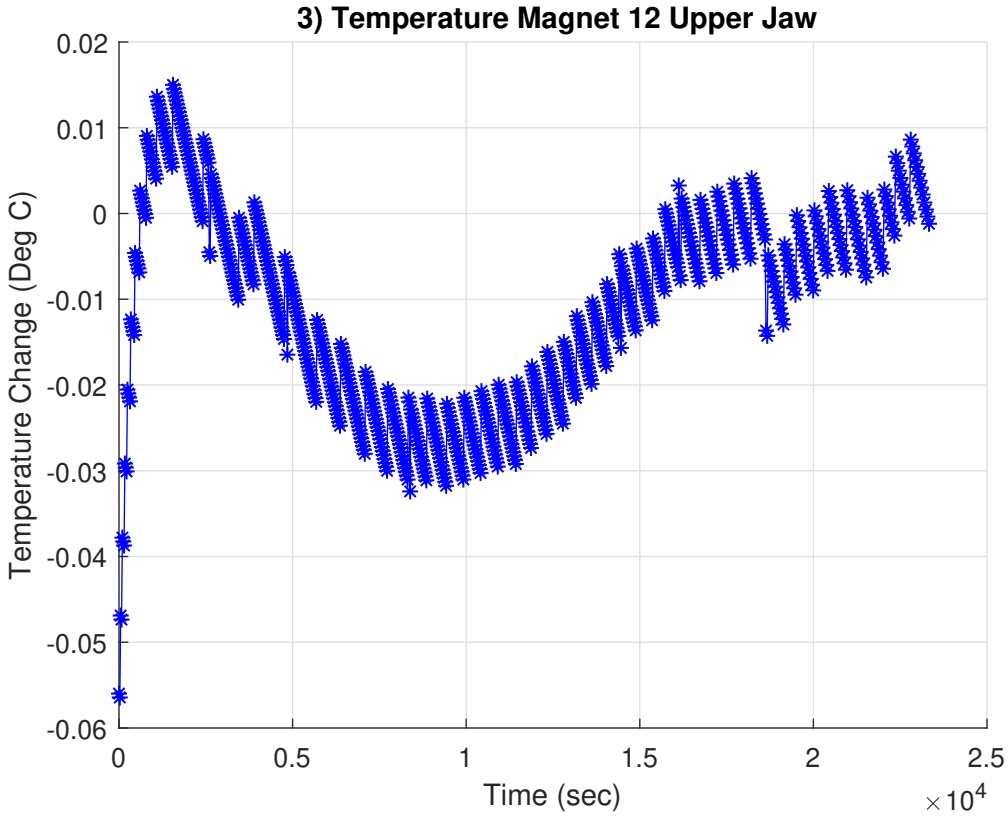

1) Temperature Magnet 12 Lower Jaw
Temperature (Deg C)
21.75
21.7
21.65
21.6
21.55
21.5
21.45
21.4
21.35
21.3
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4
Measurements
Background
Background Fit

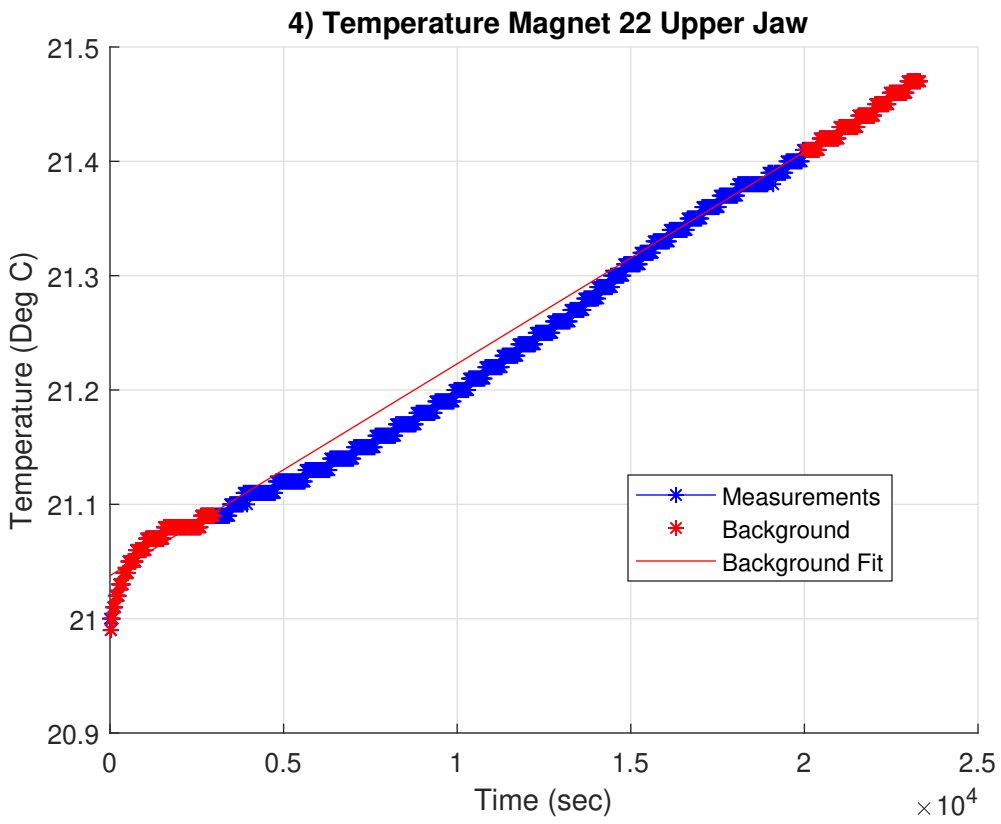

1) Temperature Magnet 12 Lower Jaw
Temperature Change (Deg C)
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

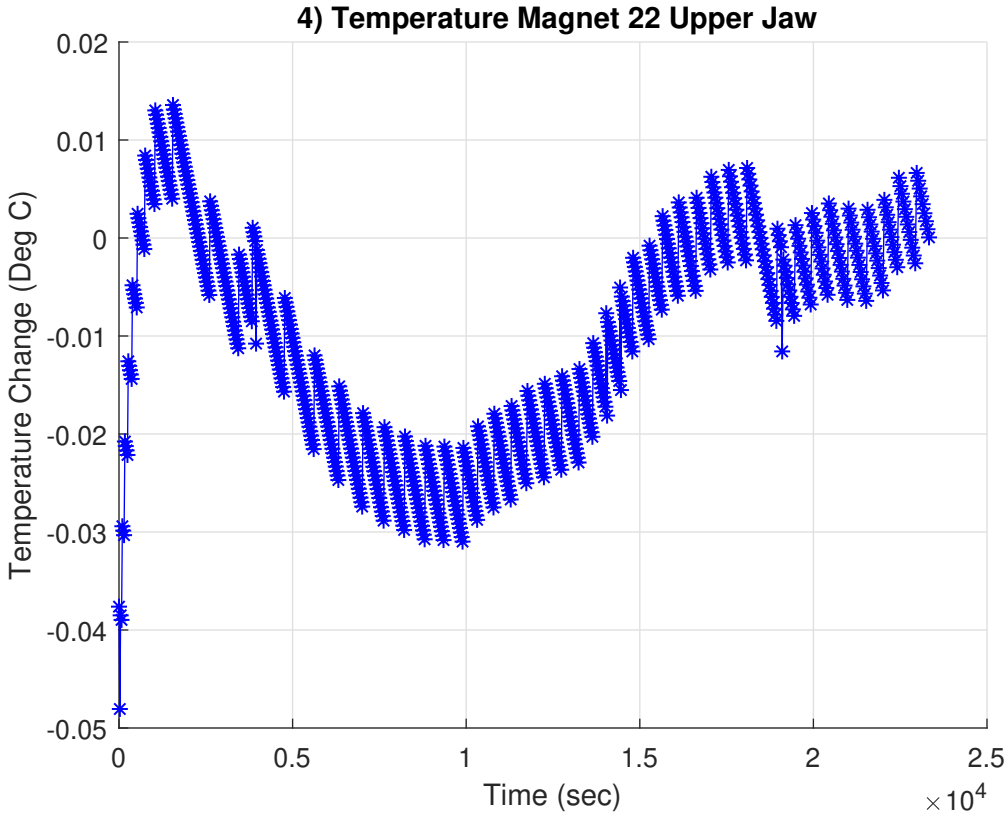

2) Temperature Magnet 22 Lower Jaw
Temperature (Deg C)
21.1
21.05
21
20.95
20.9
20.85
20.8
20.75
20.7
20.65
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4
Measurements
Background
Background Fit

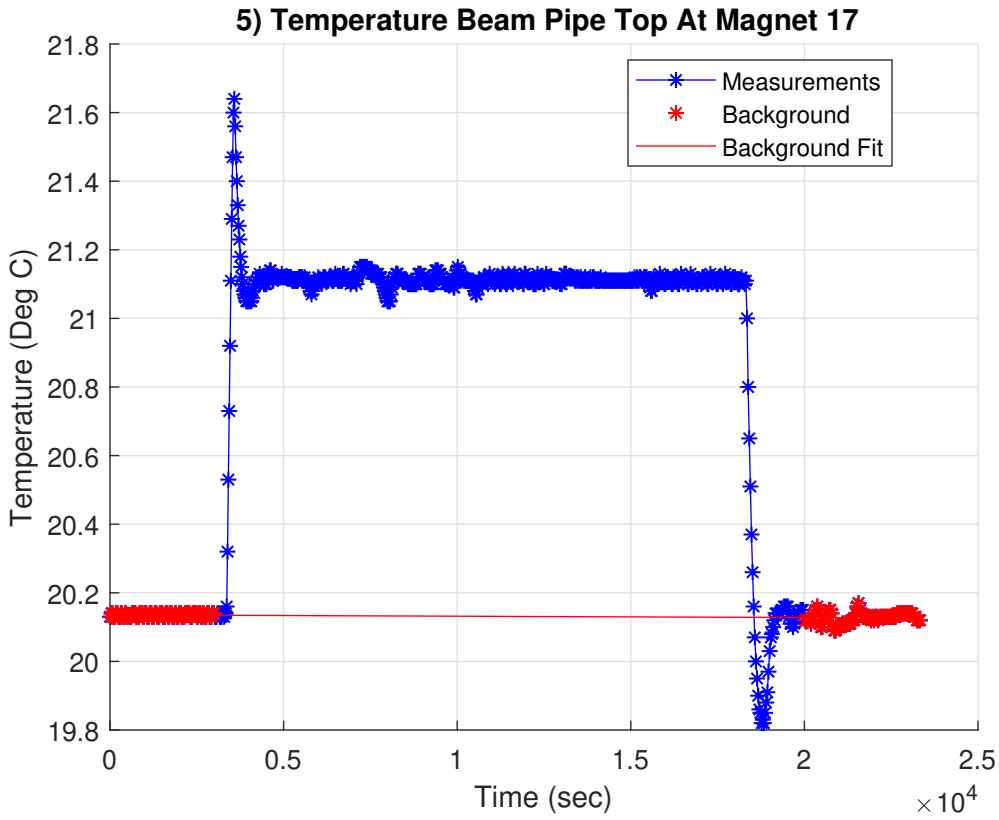

2) Temperature Magnet 22 Lower Jaw
Temperature Change (Deg C)
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

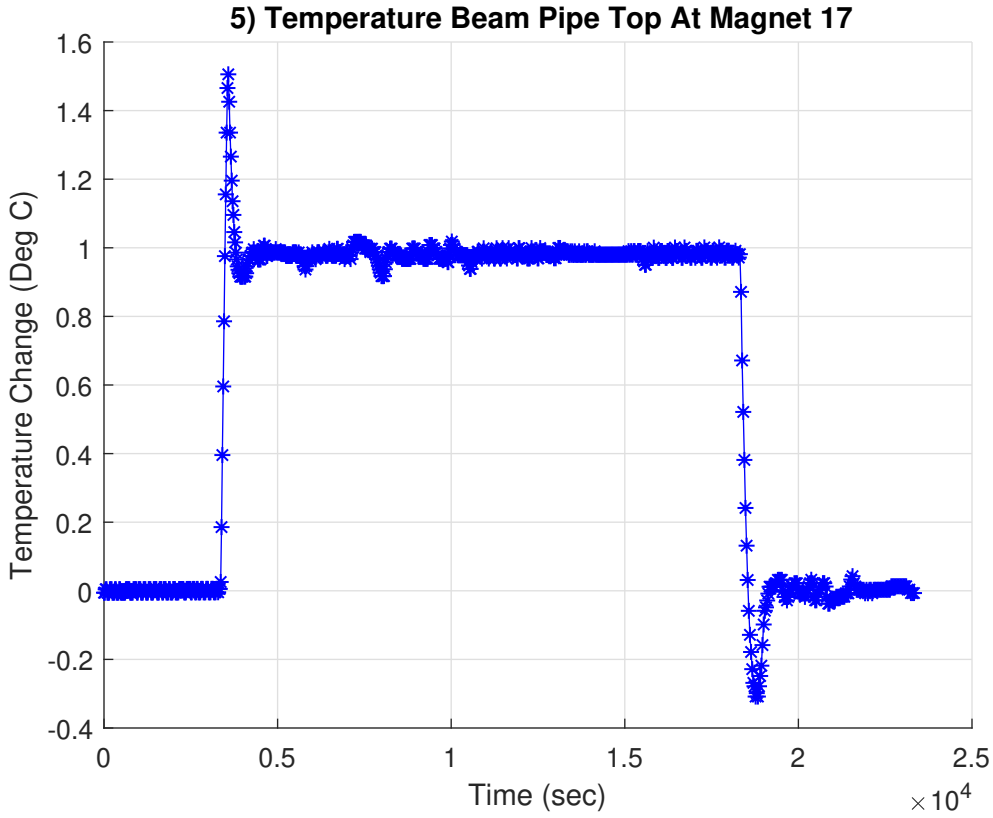

3) Temperature Magnet 12 Upper Jaw
Temperature (Deg C)
21.8
21.7
21.6
21.5
21.4
21.3
21.2
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4
Measurements
Background
Background Fit

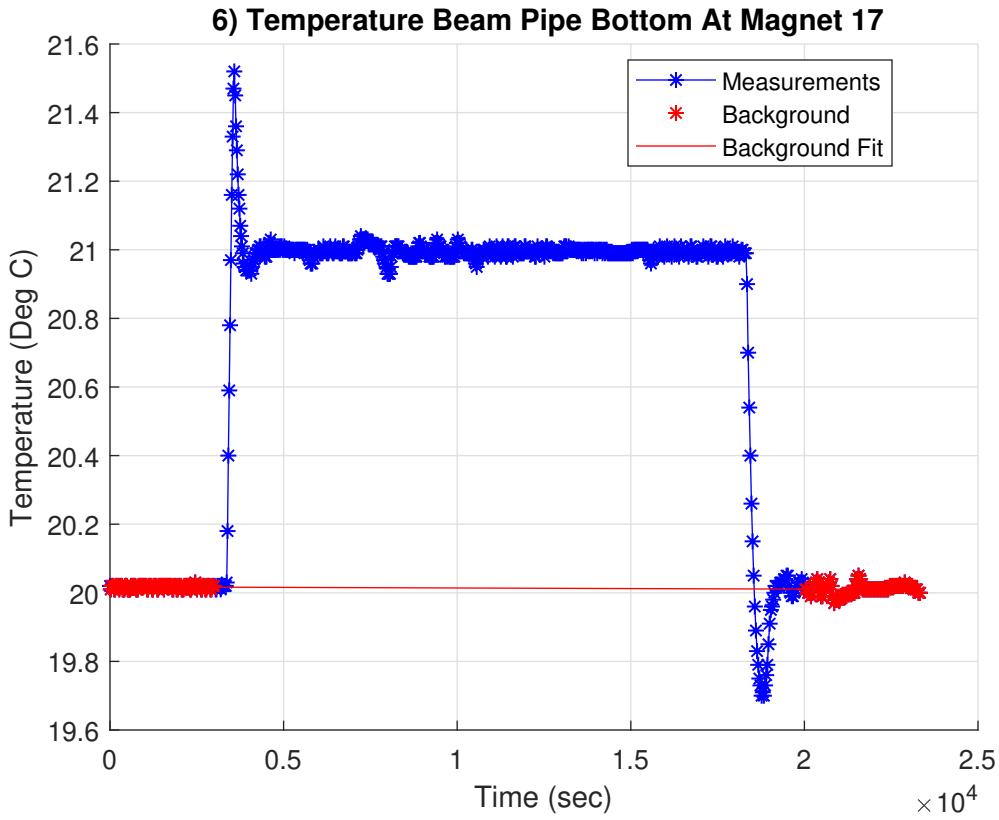

3) Temperature Magnet 12 Upper Jaw
Temperature Change (Deg C)
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

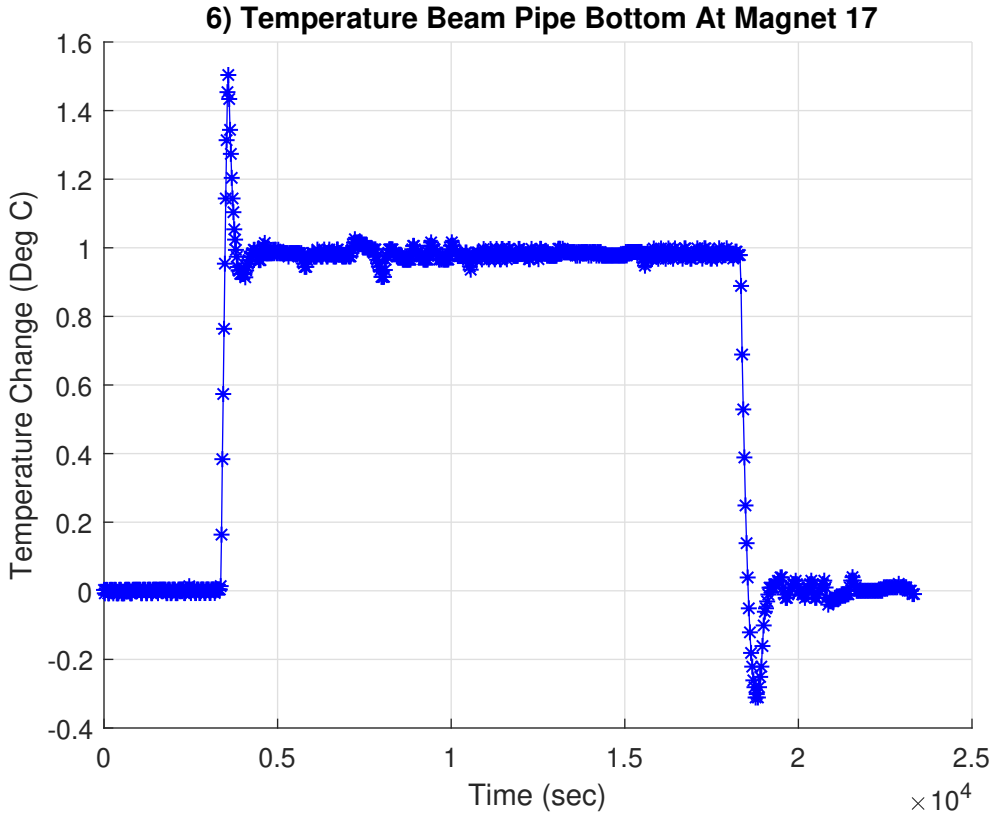

4) Temperature Magnet 22 Upper Jaw
Temperature (Deg C)
21.5
21.4
21.3
21.2
21.1
21
20.9
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4
Measurements
Background
Background Fit

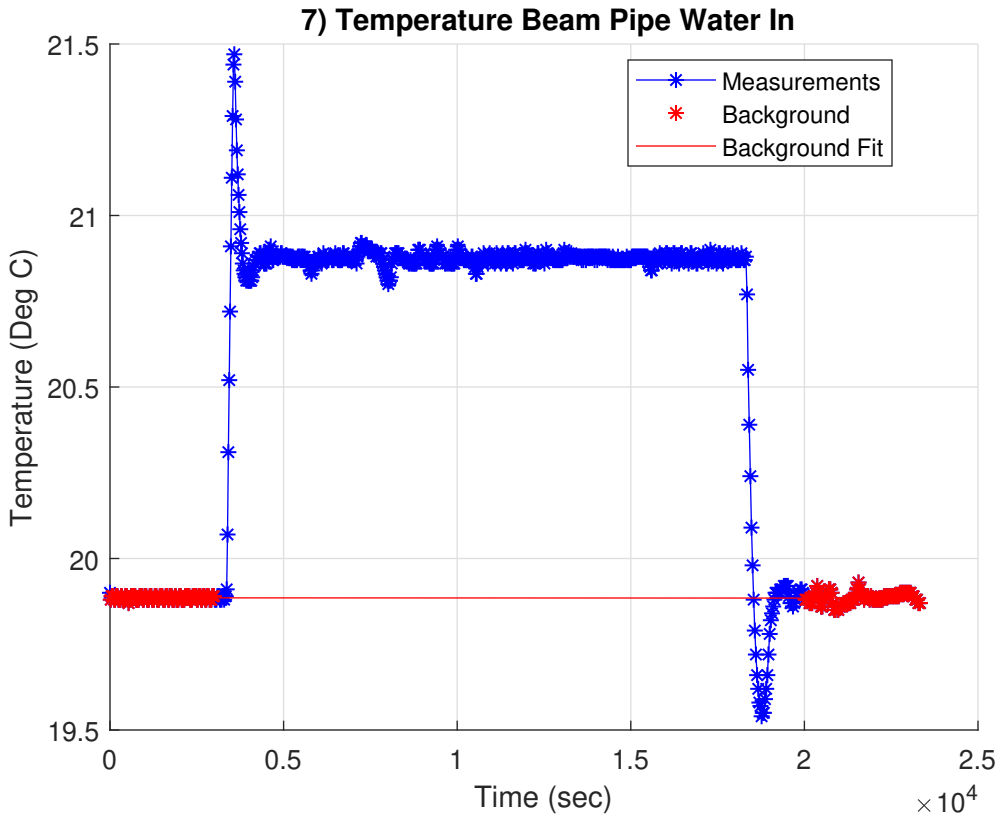

4) Temperature Magnet 22 Upper Jaw
Temperature Change (Deg C)
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

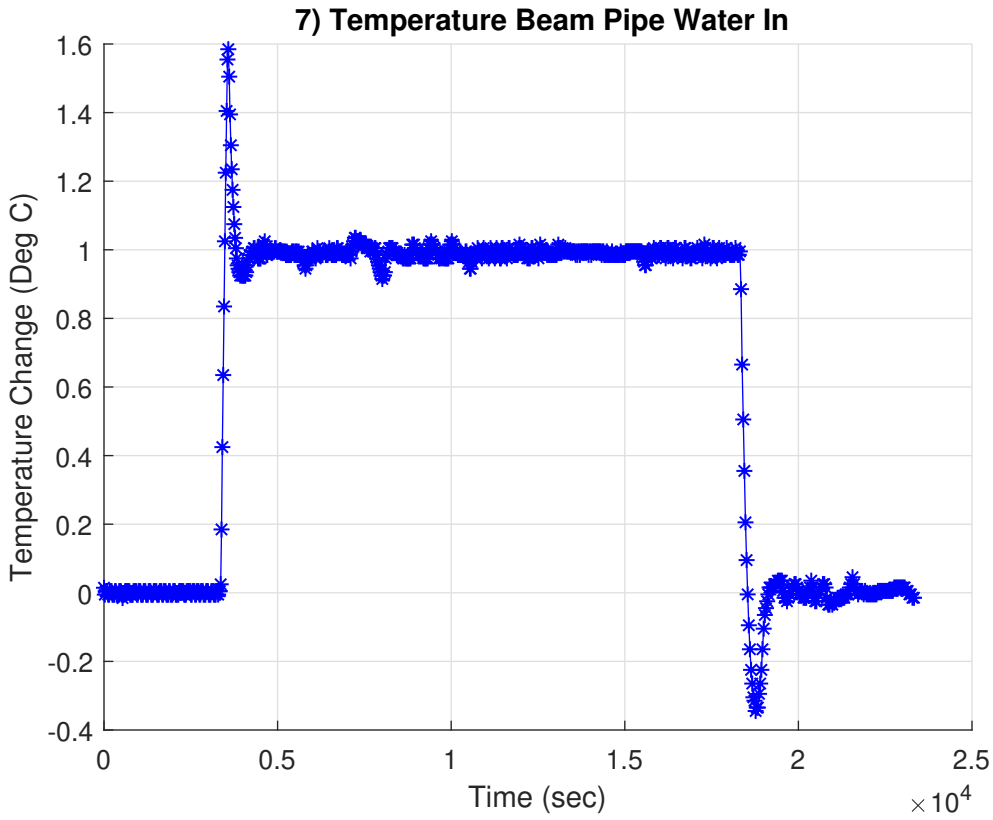

5) Temperature Beam Pipe Top At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
21.8
21.6
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

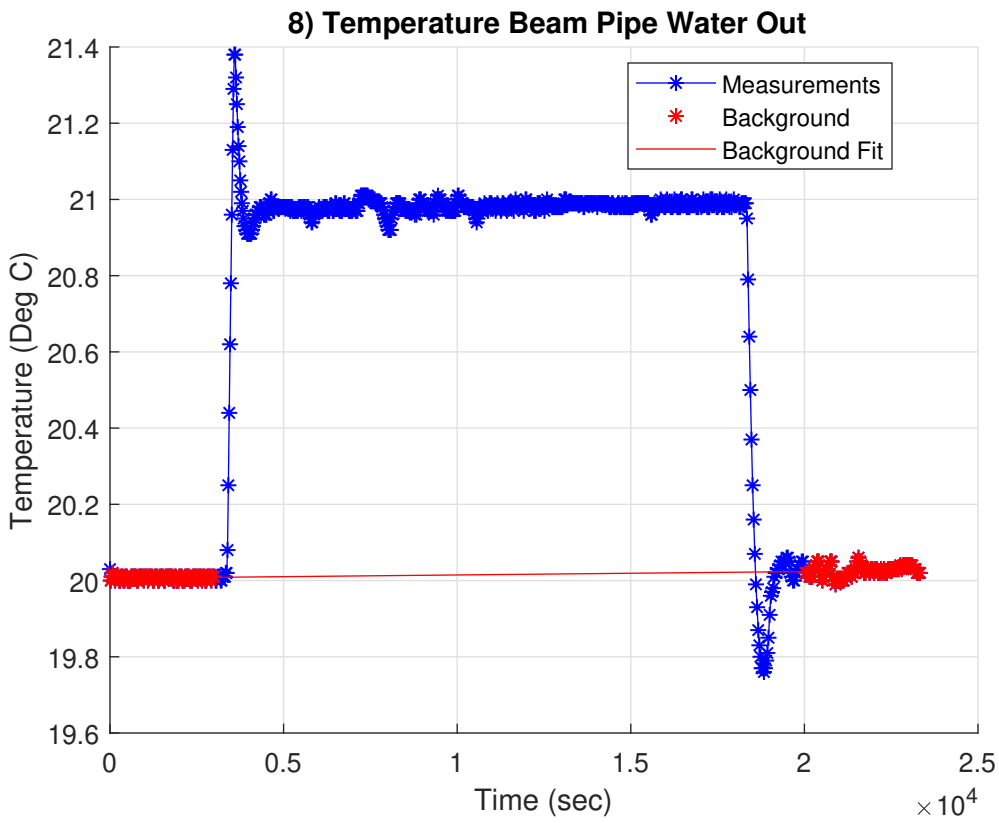

5) Temperature Beam Pipe Top At Magnet 17
Temperature Change (Deg C)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

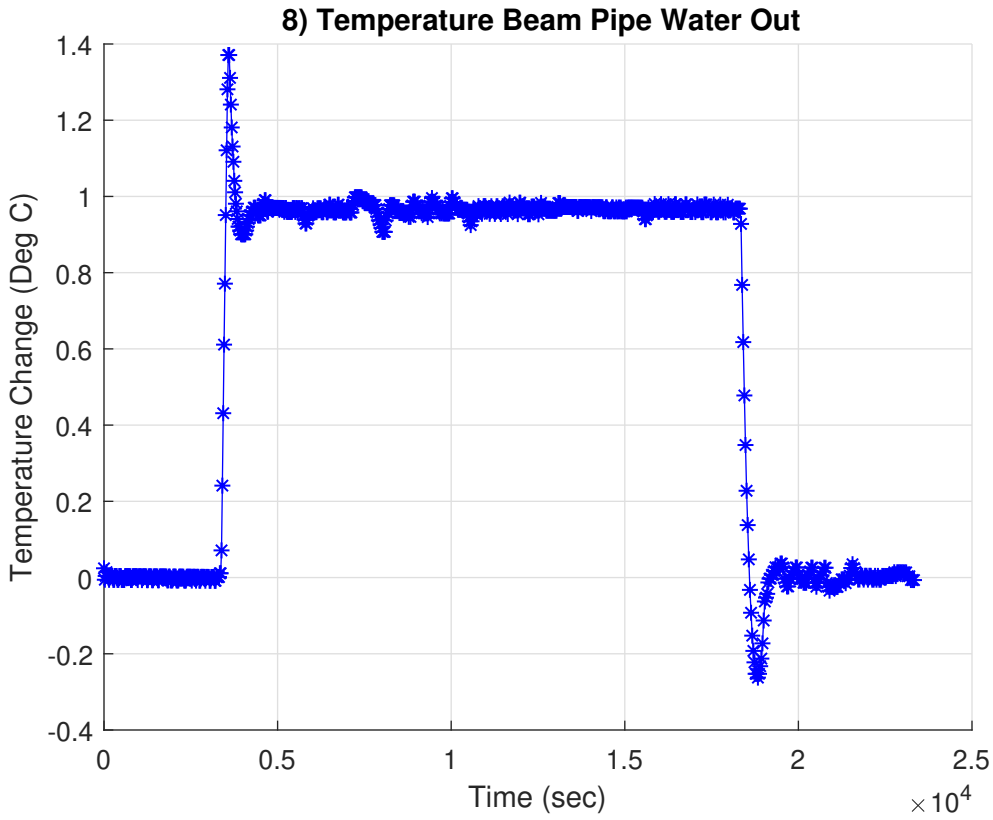

6) Temperature Beam Pipe Bottom At Magnet 17
Measurements
Background
Background Fit
Temperature (Deg C)
21.6
21.4
21.2
21
20.8
20.6
20.4
20.2
20
19.8
19.6
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

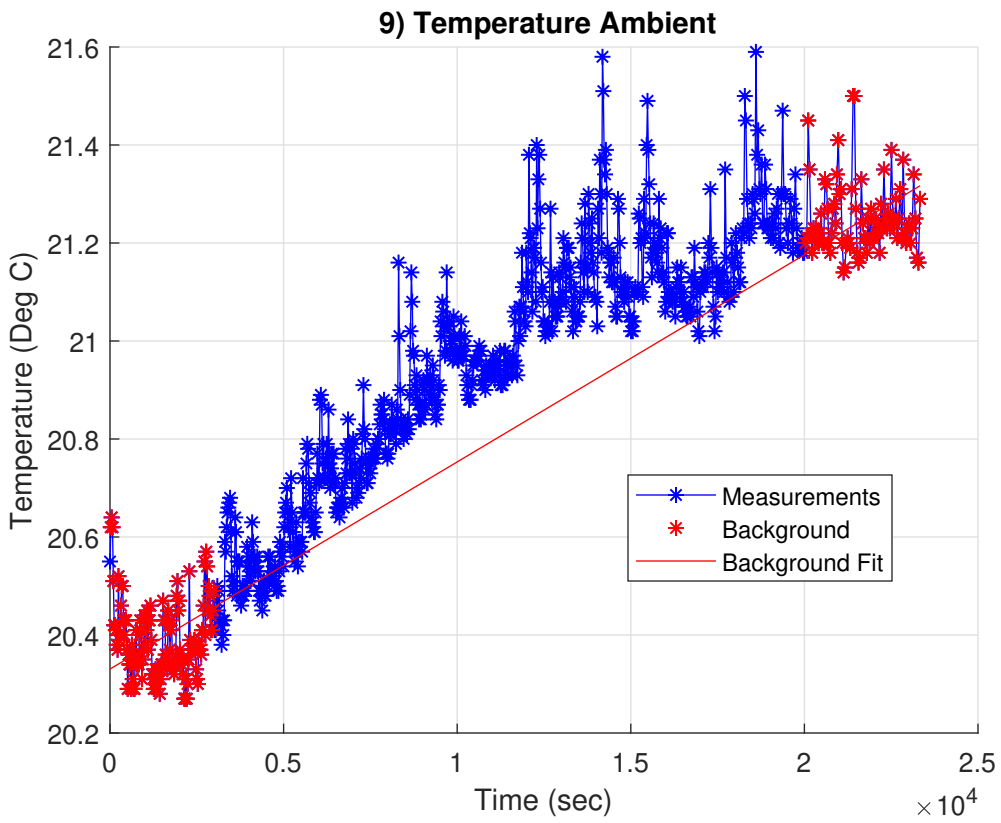

6) Temperature Beam Pipe Bottom At Magnet 17
Temperature Change (Deg C)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4

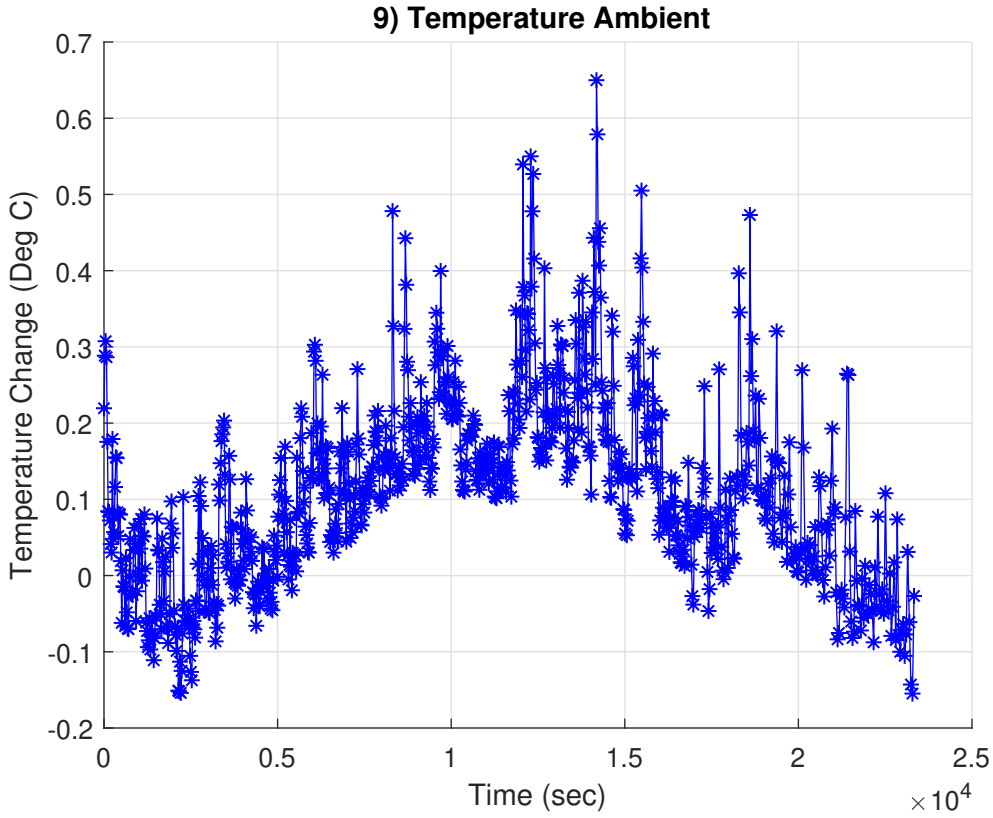

7) Temperature Beam Pipe Water In
Measurements
Background
Background Fit
Temperature (Deg C)
21.5
21
20.5
20
19.5
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4


7) Temperature Beam Pipe Water In
Temperature Change (Deg C)
1.6
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
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
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
Time (sec)
×10^4


9) Temperature Ambient
Temperature (Deg C)
21.6
21.4
21.2
21
20.8
20.6
20.4
20.2
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4
Measurements
Background
Background Fit


9) Temperature Ambient
Temperature Change (Deg C)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
0
0.5
1
1.5
2
2.5
Time (sec)
×10^4