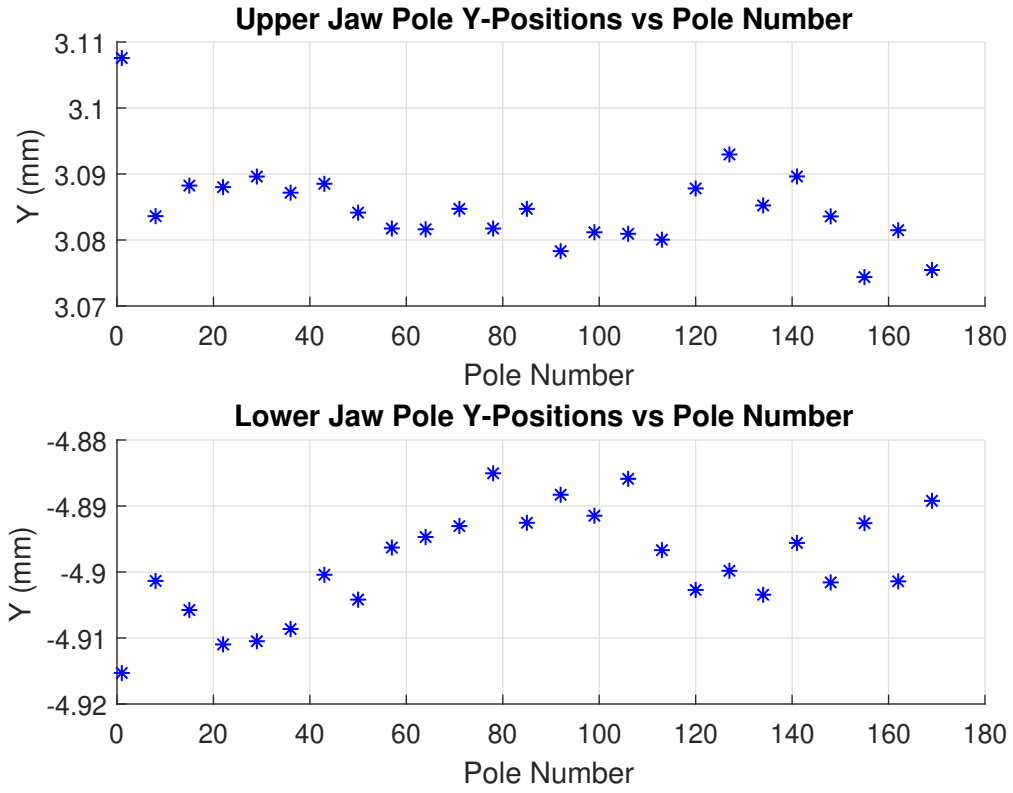
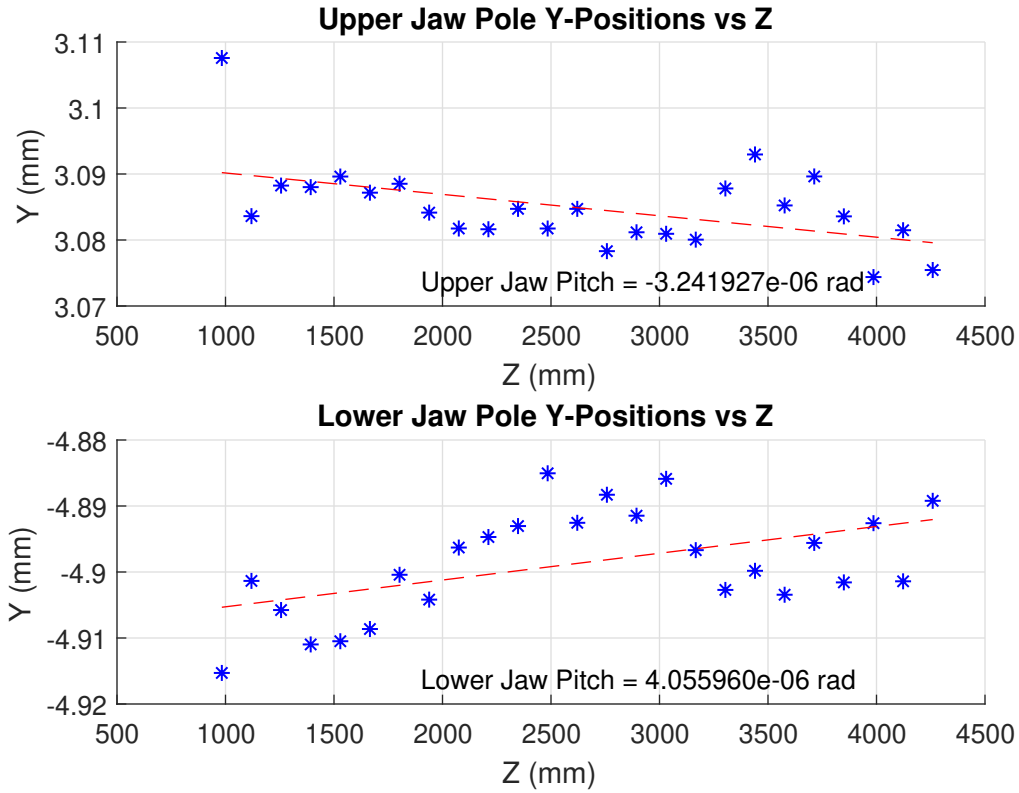
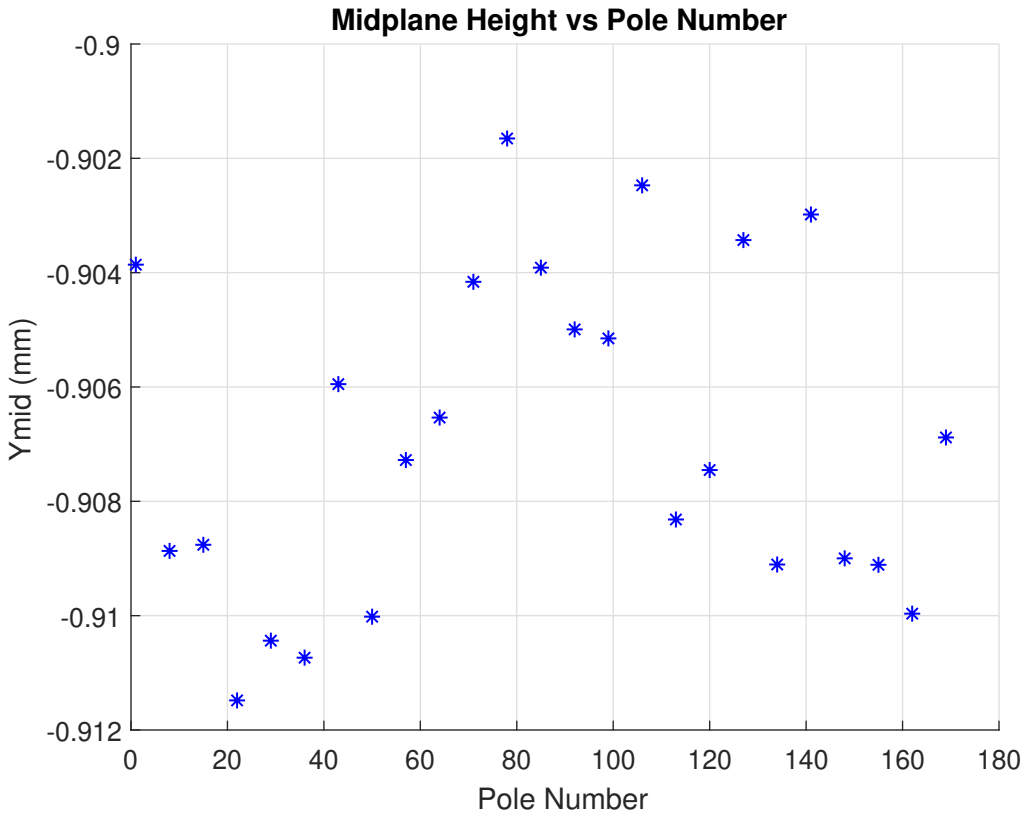
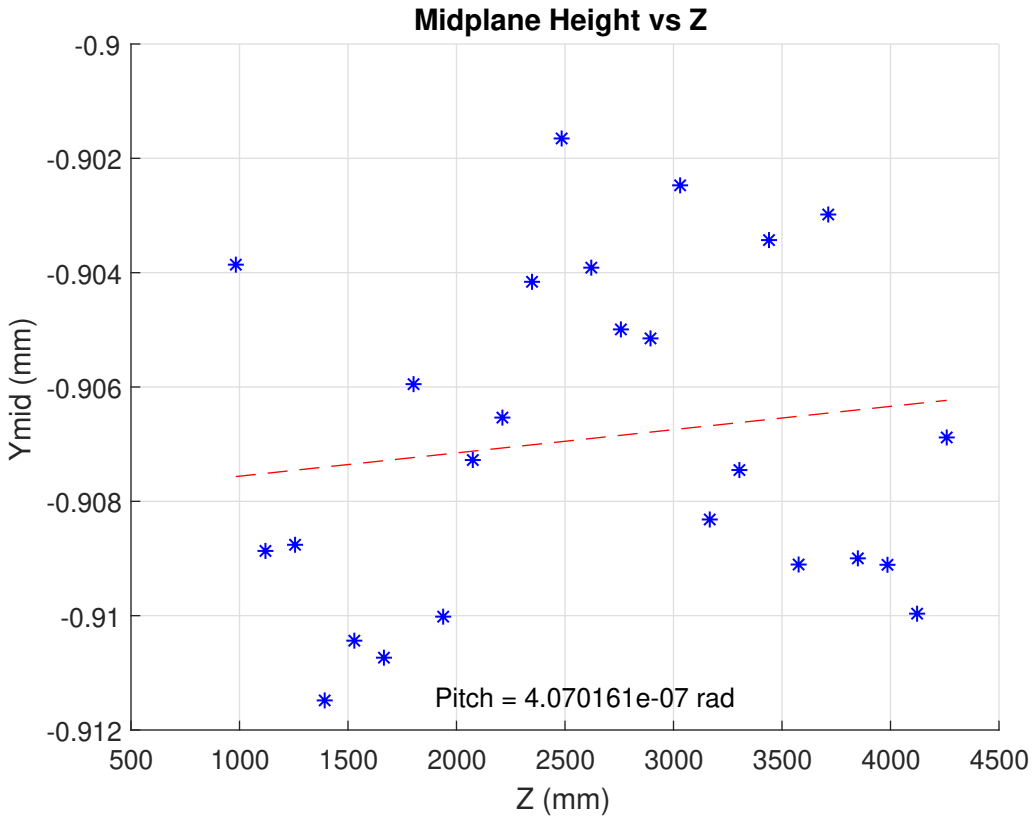
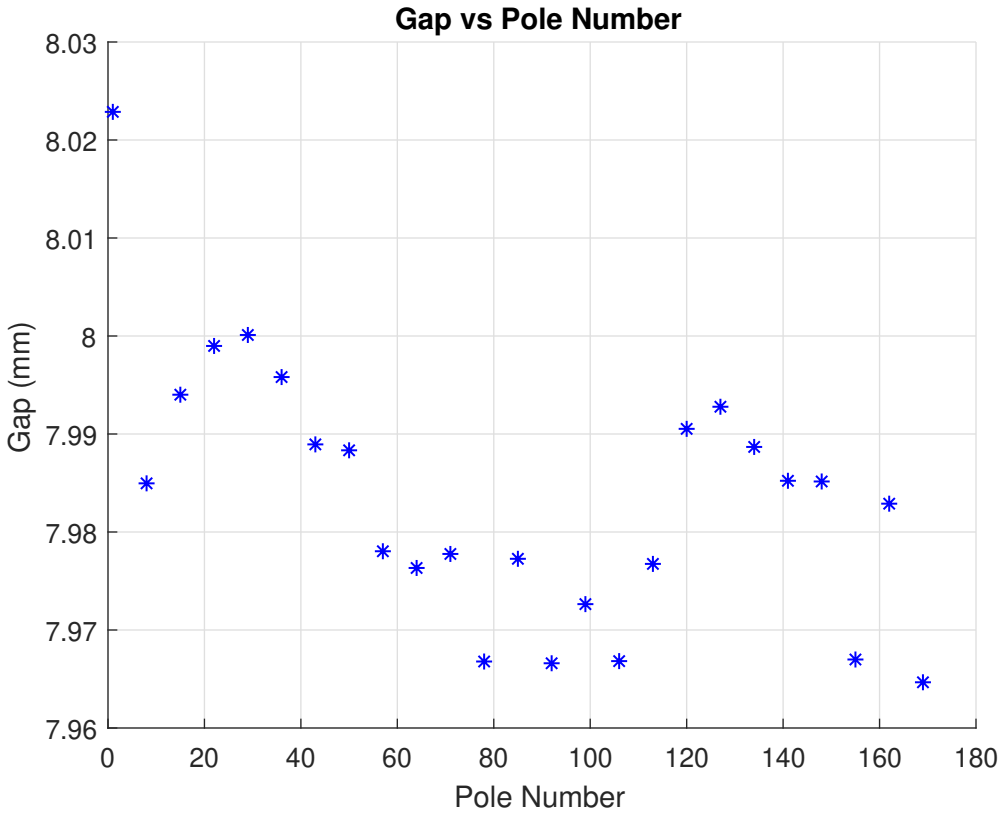
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:49:25#

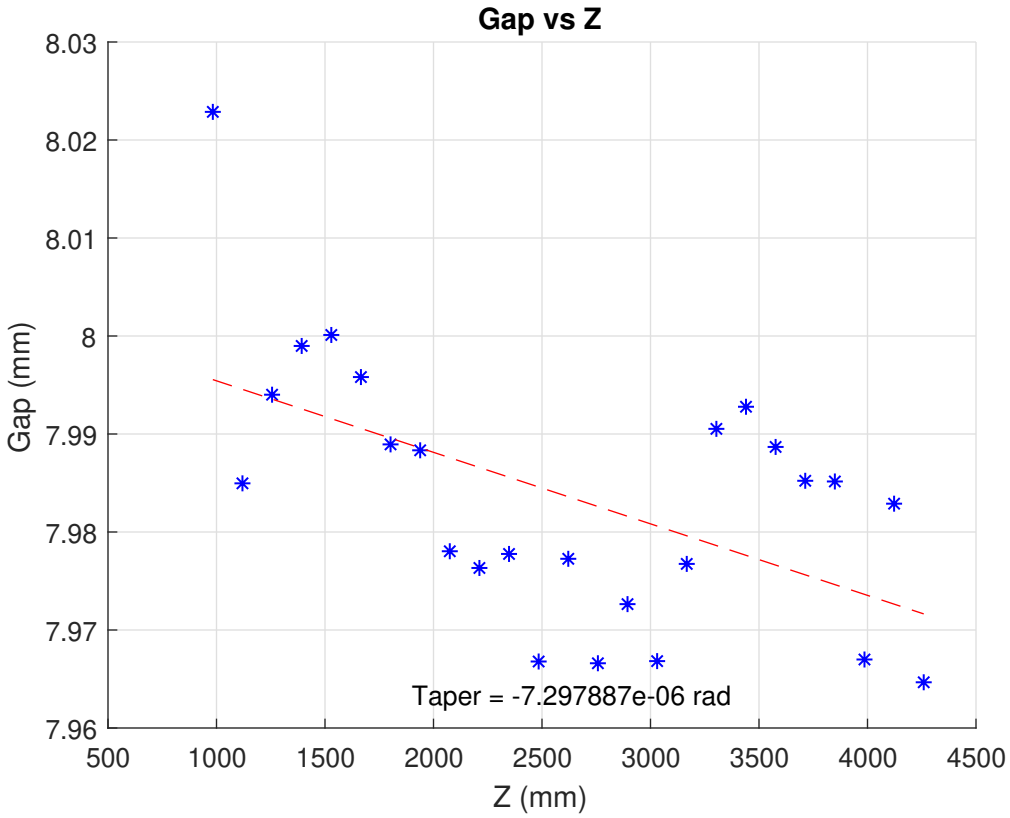

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
3.11
3.1
3.09
3.08
3.07
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-4.88
-4.89
-4.9
-4.91
-4.92
0
20
40
60
80
100
120
140
160
180
Pole Number

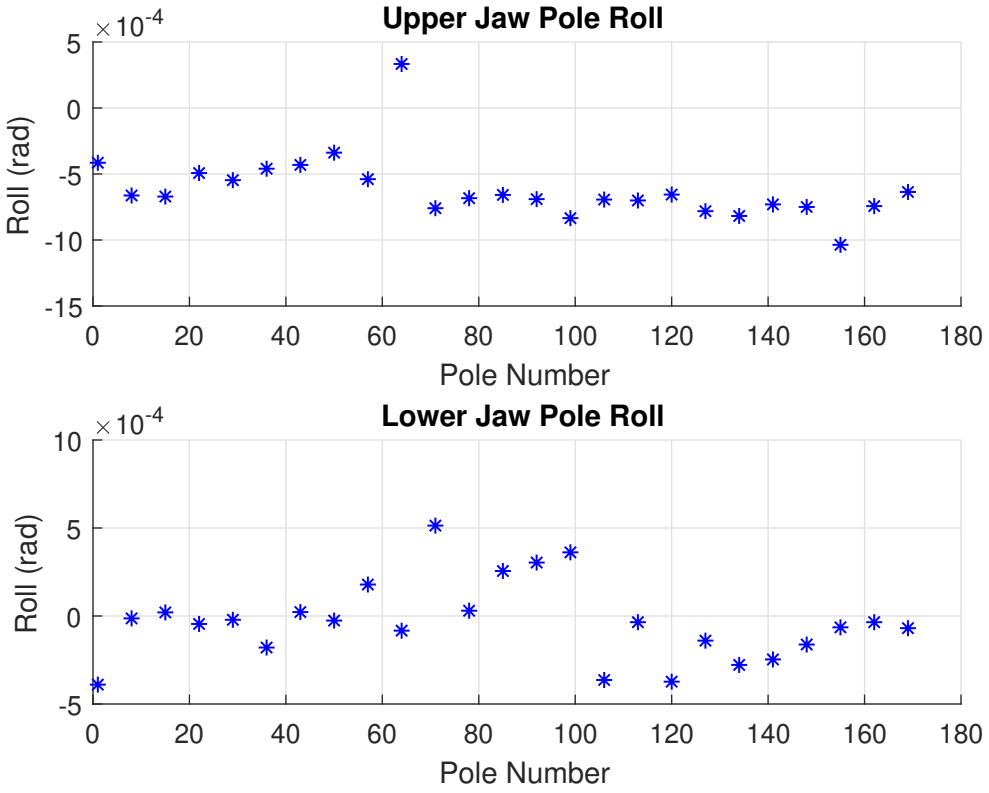

Upper Jaw Pole Y-Positions vs Z
Y (mm)
3.11
3.1
3.09
3.08
3.07
Upper Jaw Pitch = -3.241927e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-4.88
-4.89
-4.9
-4.91
-4.92
Lower Jaw Pitch = 4.055960e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

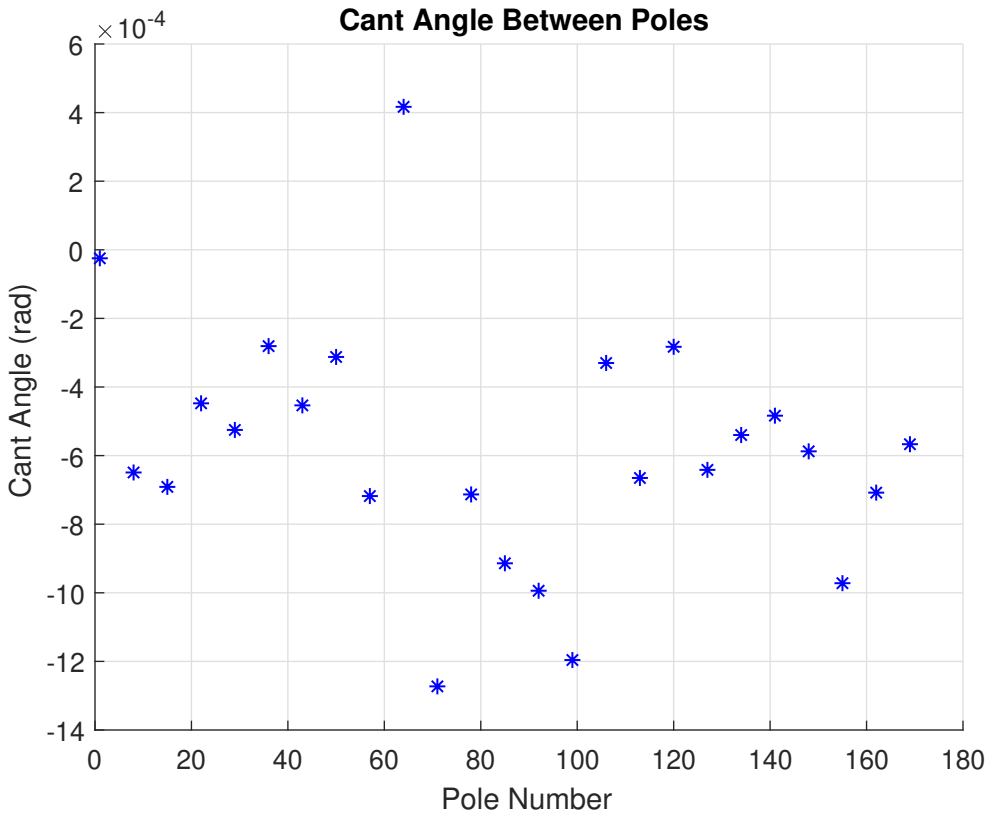

Midplane Height vs Pole Number
Ymid (mm)
-0.9
-0.902
-0.904
-0.906
-0.908
-0.91
-0.912
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.9
-0.902
-0.904
-0.906
-0.908
-0.91
-0.912
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = 4.070161e-07 rad


Gap vs Pole Number
Gap (mm)
Pole Number
8.03
8.02
8.01
8
7.99
7.98
7.97
7.96
0
20
40
60
80
100
120
140
160
180


Gap vs Z
Gap (mm)
Z (mm)
Taper = -7.297887e-06 rad
8.03
8.02
8.01
8
7.99
7.98
7.97
7.96
500
1000
1500
2000
2500
3000
3500
4000
4500


Upper Jaw Pole Roll
×10^-4
5
0
-5
-10
-15
Roll (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Roll
×10^-4
10
5
0
-5
Roll (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number


Cant Angle Between Poles
×10-4
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
Cant Angle (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number