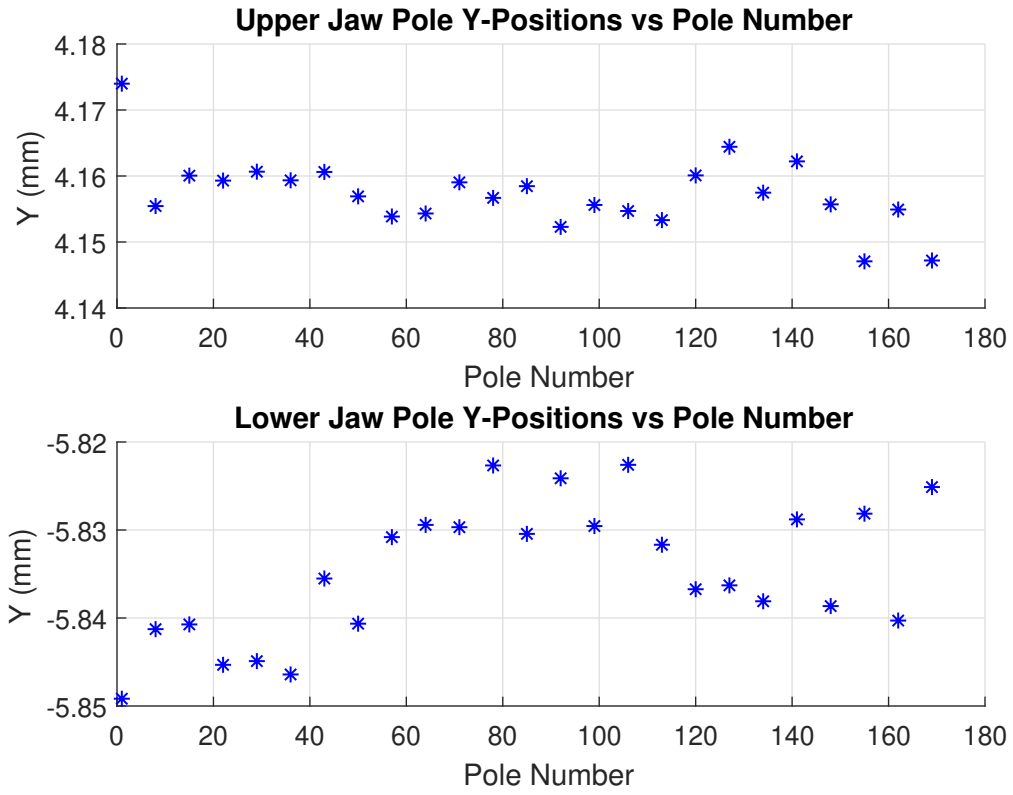
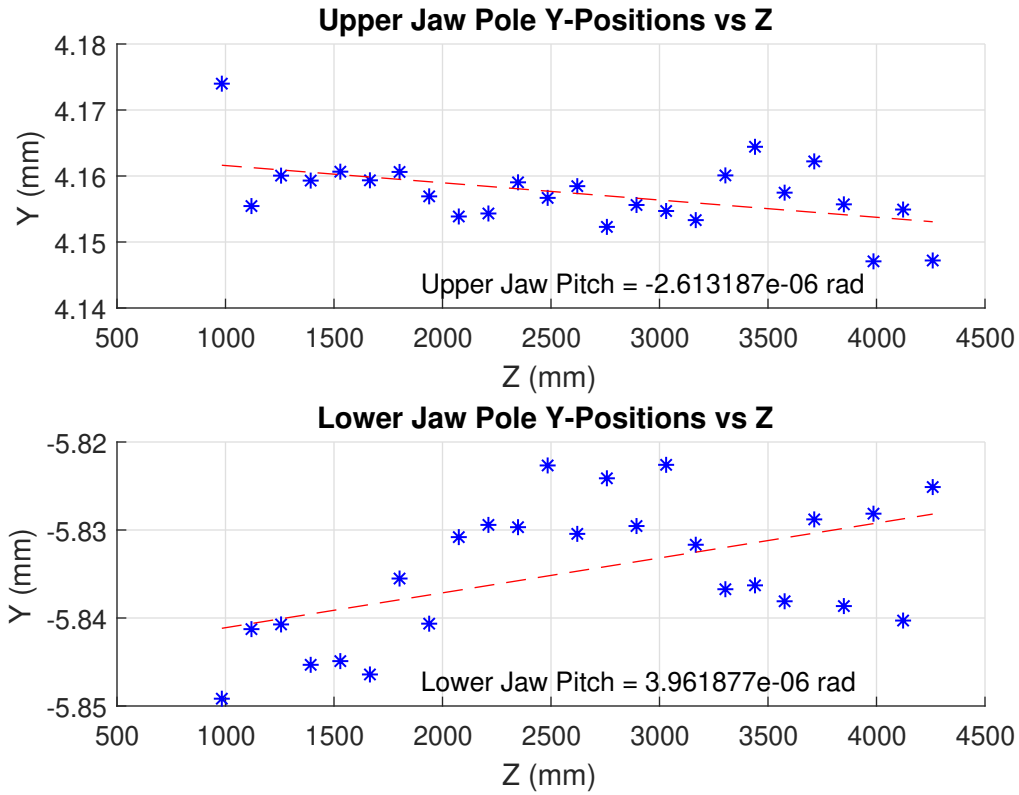
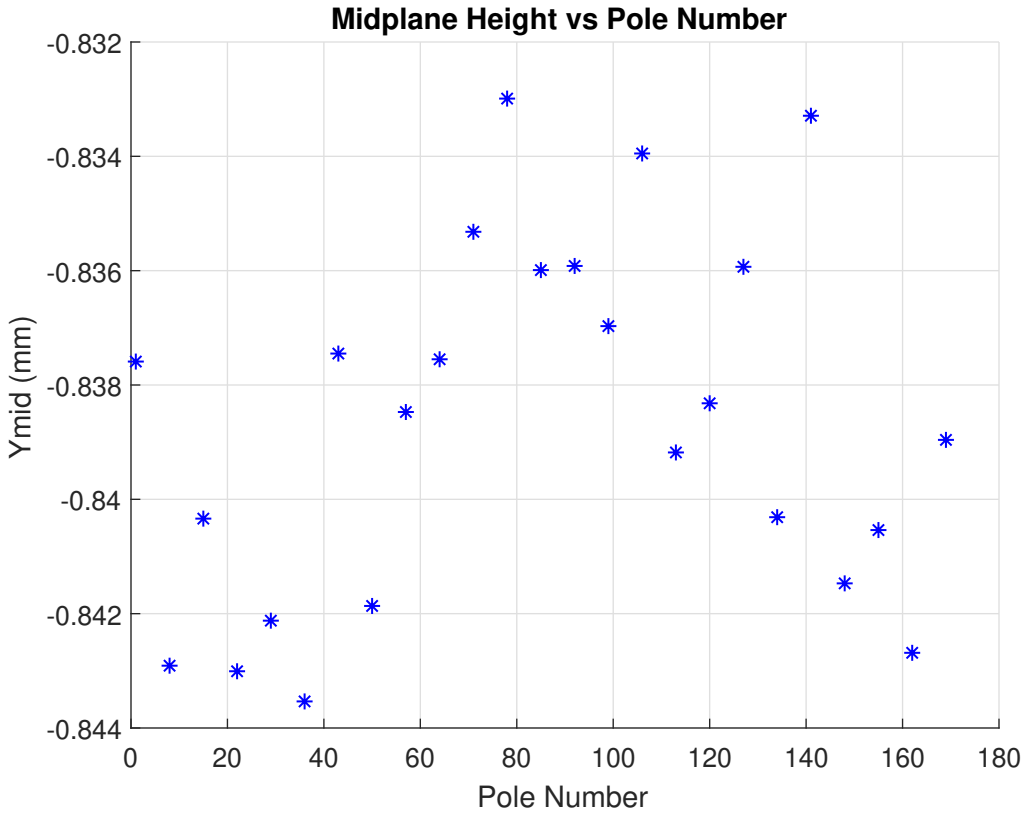
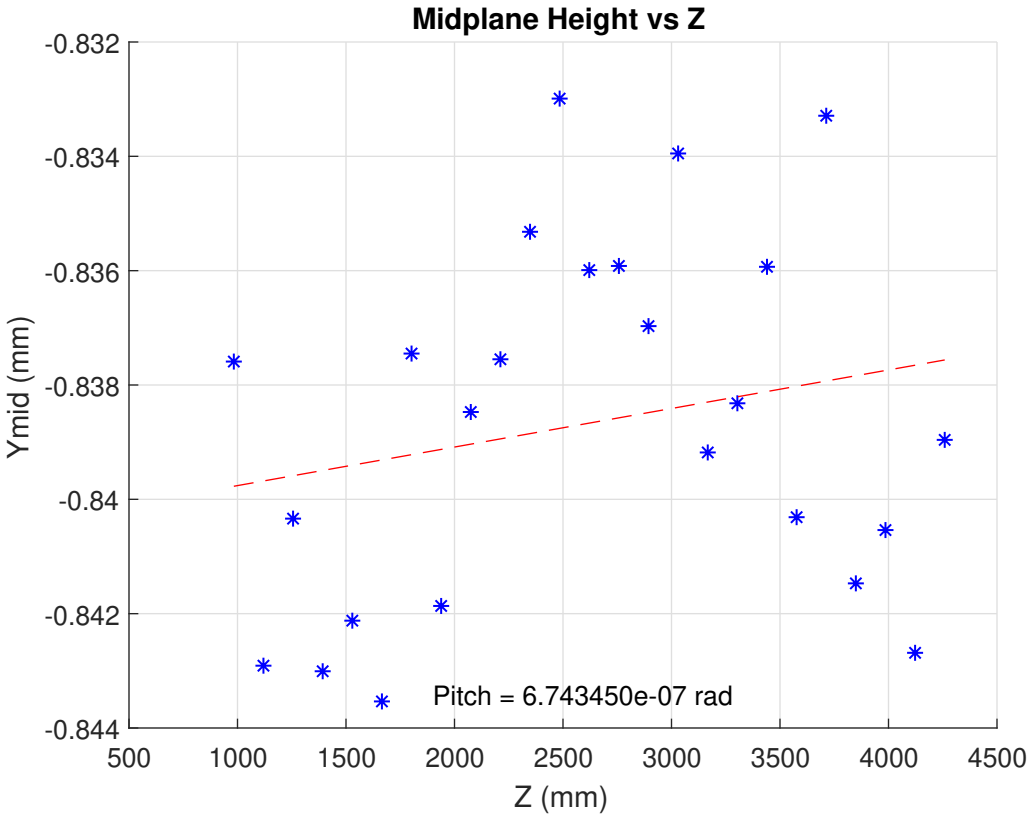
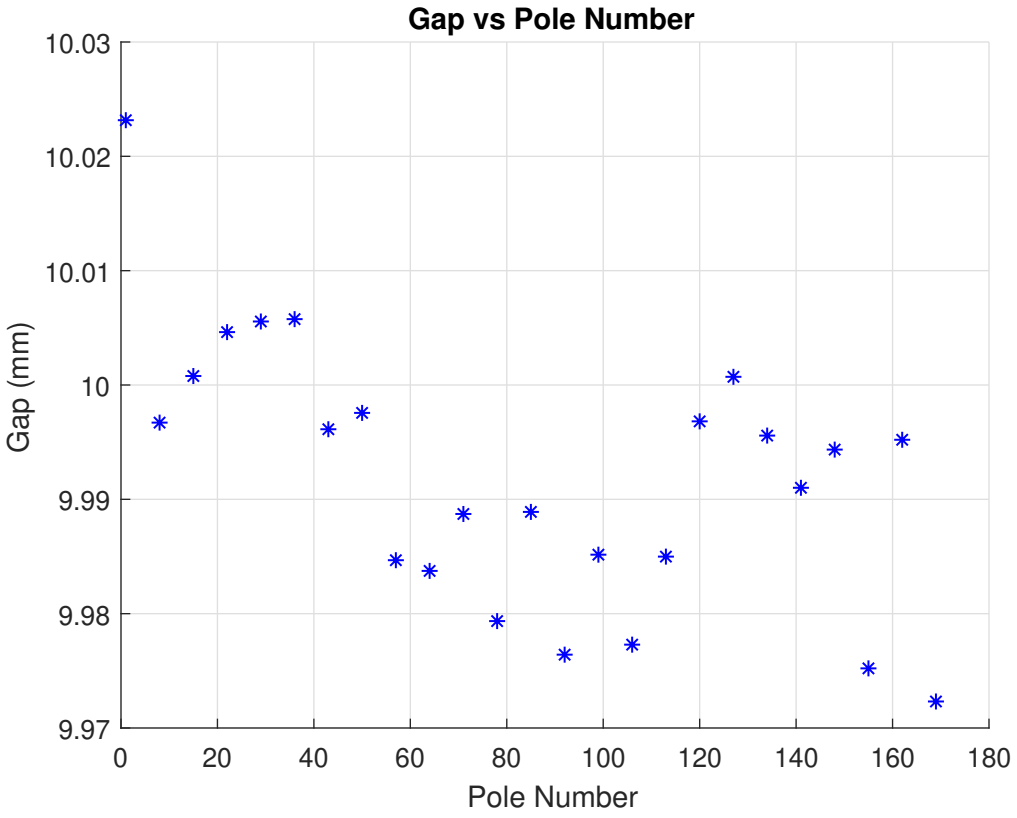
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:48:02#

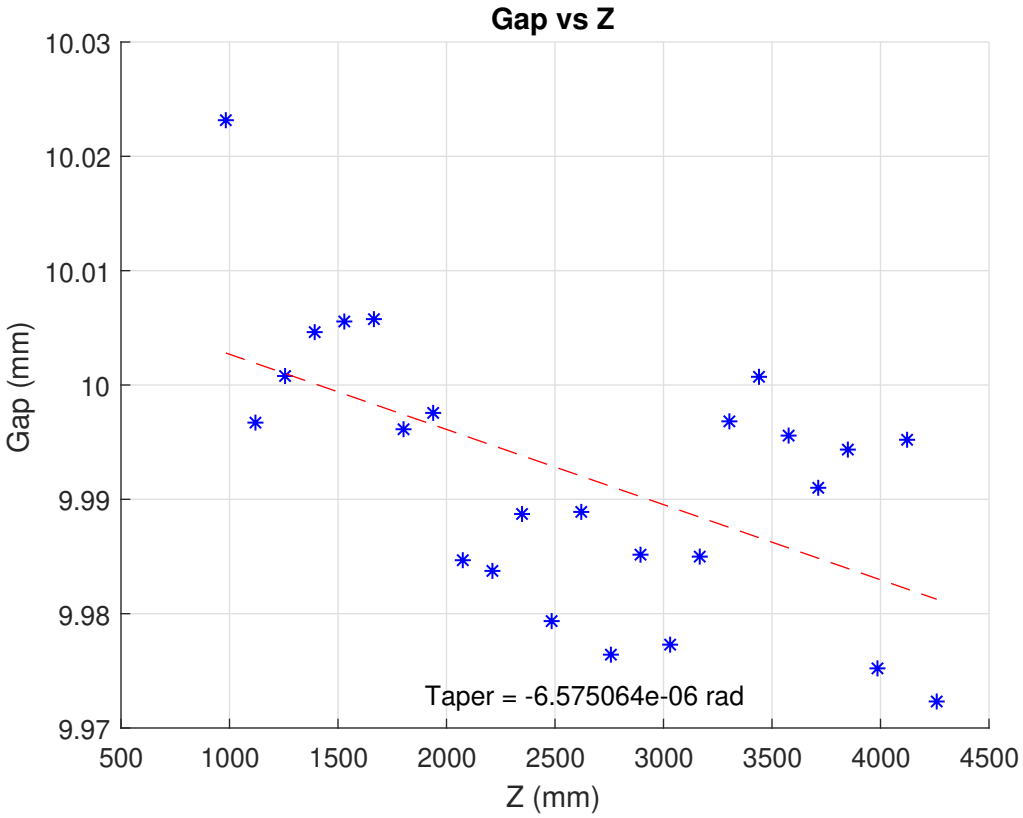

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
4.18
4.17
4.16
4.15
4.14
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-5.82
-5.83
-5.84
-5.85
0
20
40
60
80
100
120
140
160
180
Pole Number

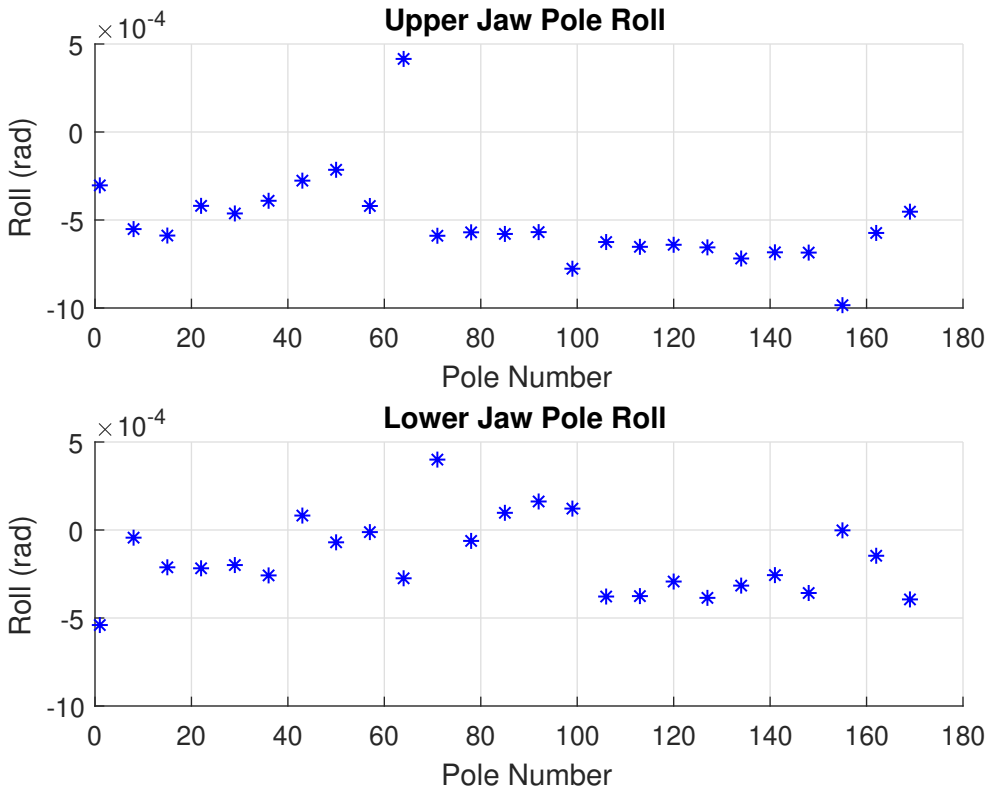

Upper Jaw Pole Y-Positions vs Z
Y (mm)
4.18
4.17
4.16
4.15
4.14
Upper Jaw Pitch = -2.613187e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-5.82
-5.83
-5.84
-5.85
Lower Jaw Pitch = 3.961877e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

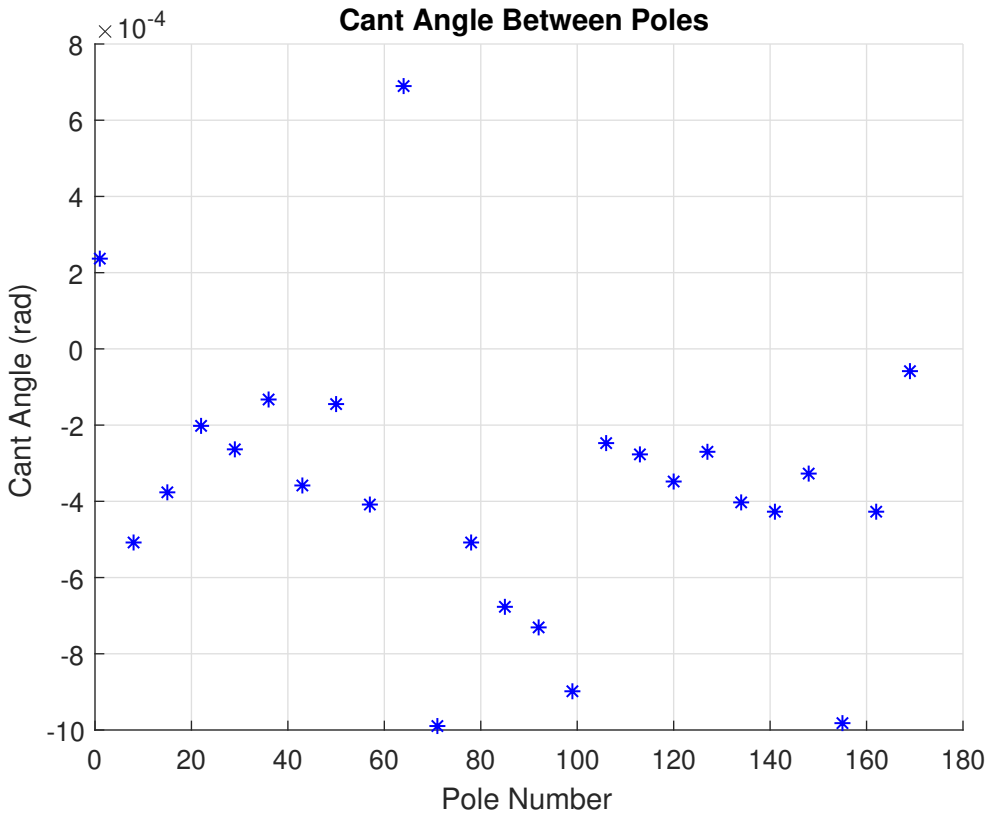

Midplane Height vs Pole Number
-0.832
-0.834
-0.836
-0.838
-0.84
-0.842
-0.844
Ymid (mm)
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.832
-0.834
-0.836
-0.838
-0.84
-0.842
-0.844
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = 6.743450e-07 rad


Gap vs Pole Number
Gap (mm)
Pole Number
10.03
10.02
10.01
10
9.99
9.98
9.97
0
20
40
60
80
100
120
140
160
180


Gap vs Z
10.03
10.02
10.01
10
9.99
9.98
9.97
Gap (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -6.575064e-06 rad


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


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