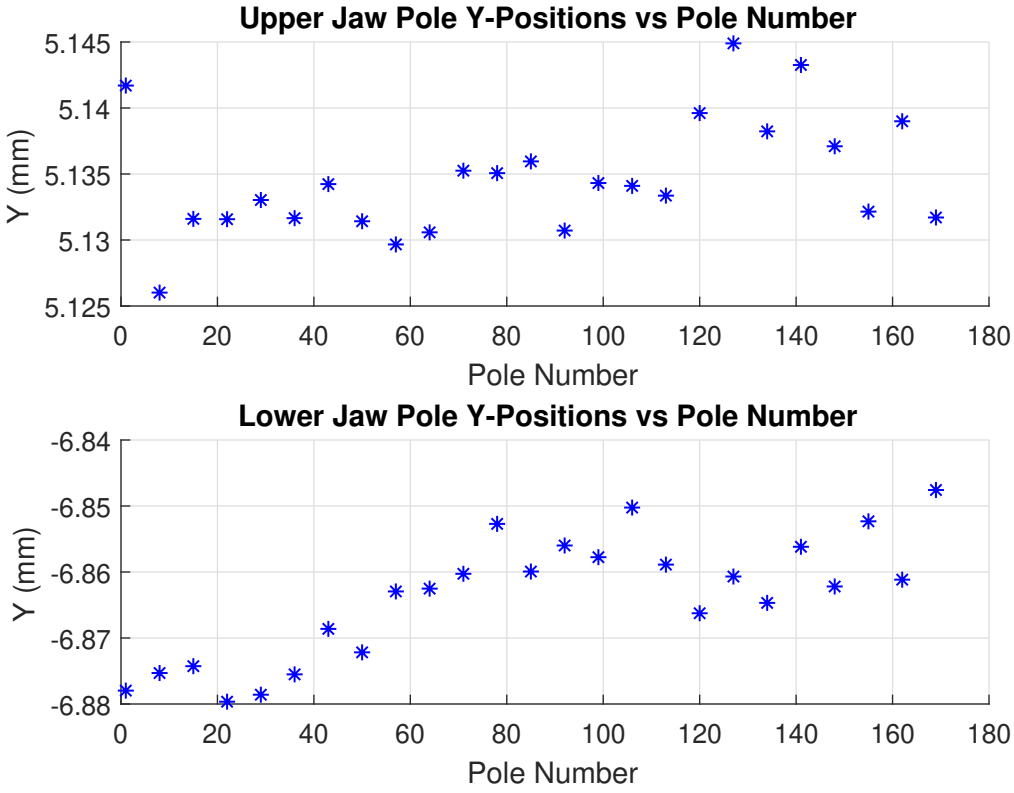
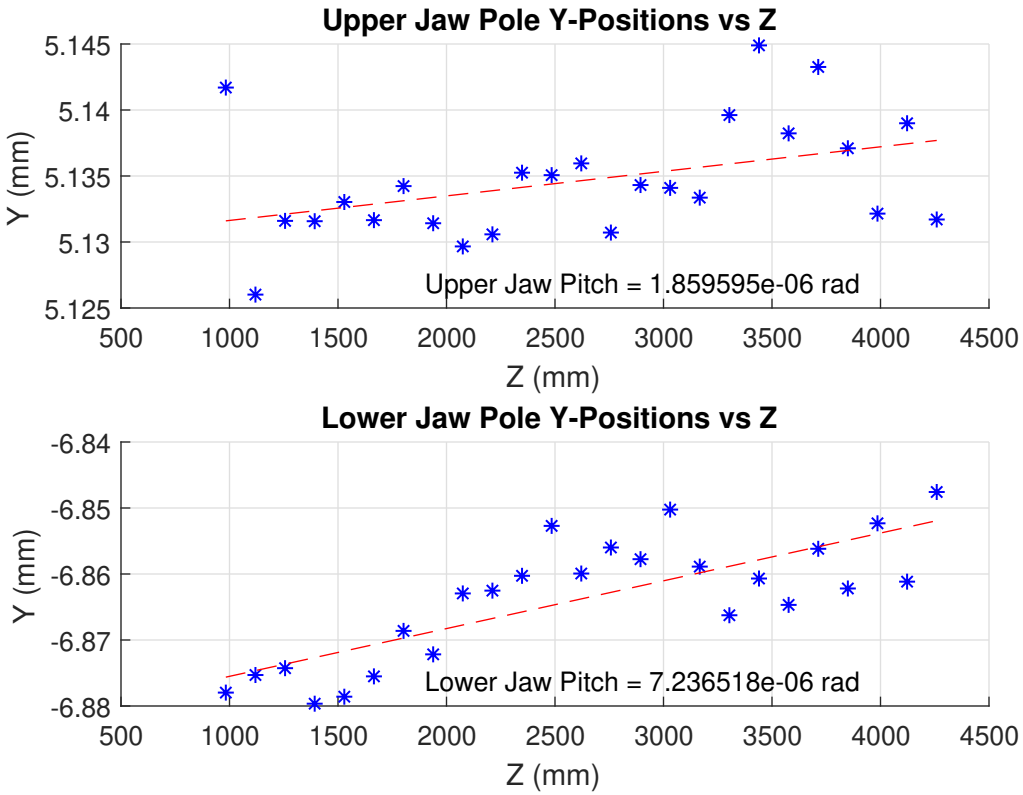
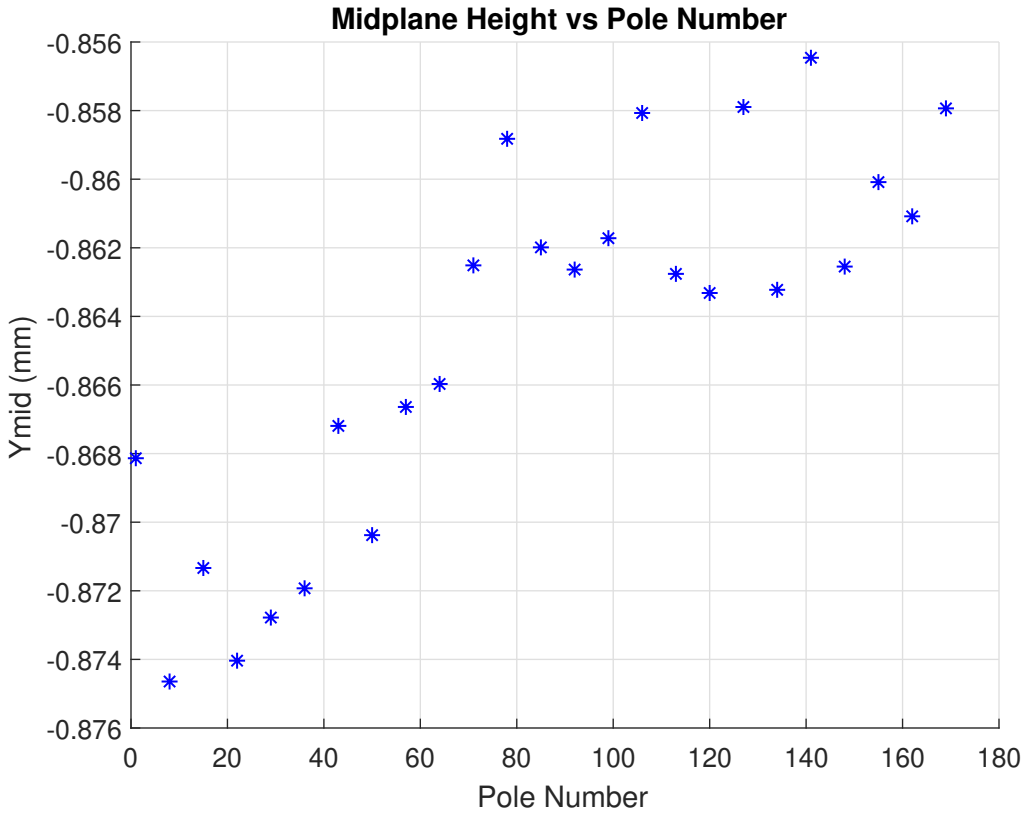
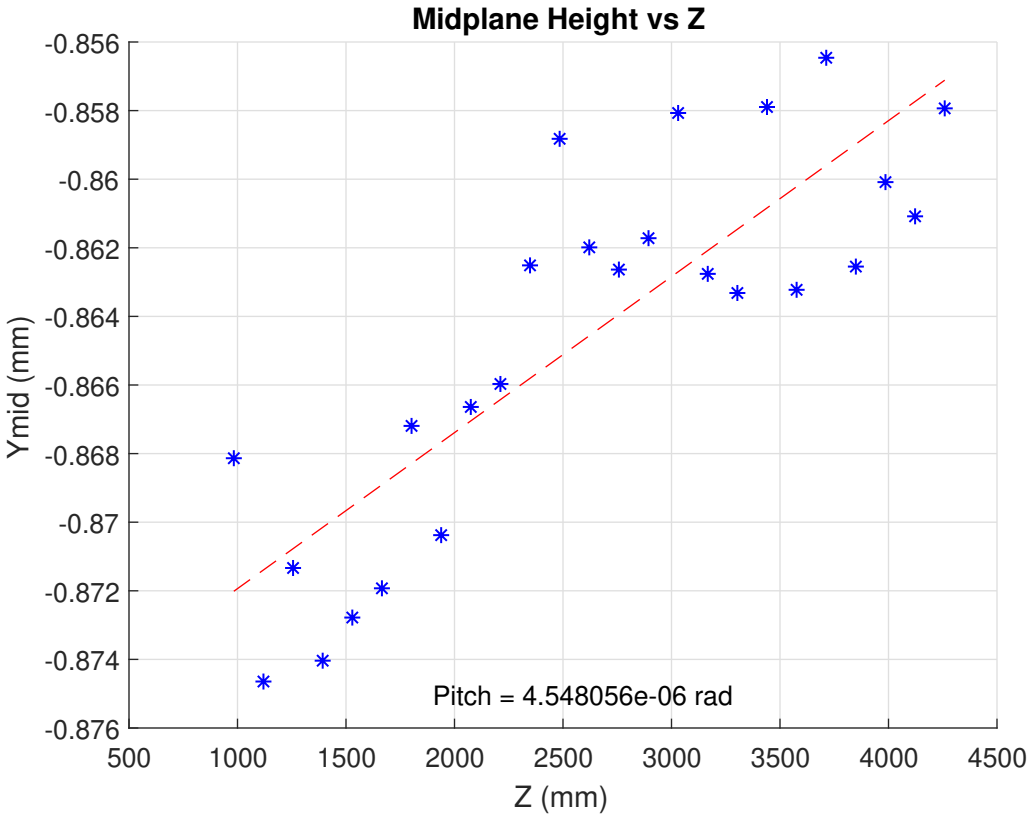
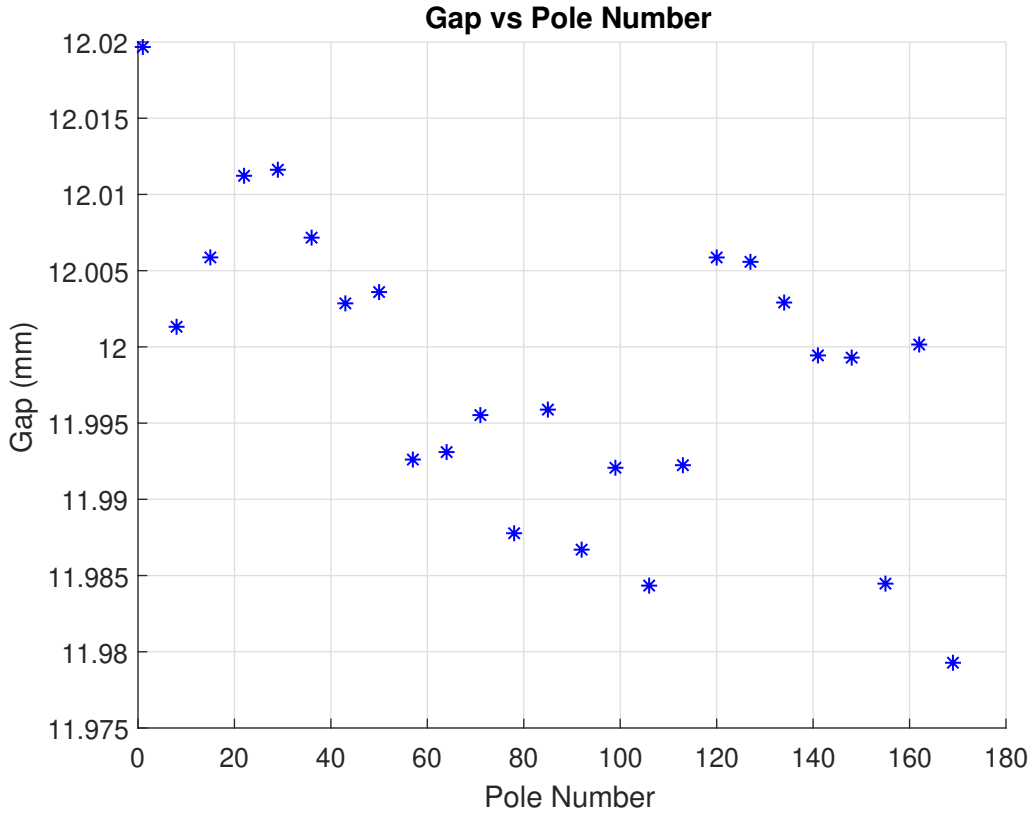
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:48:43#

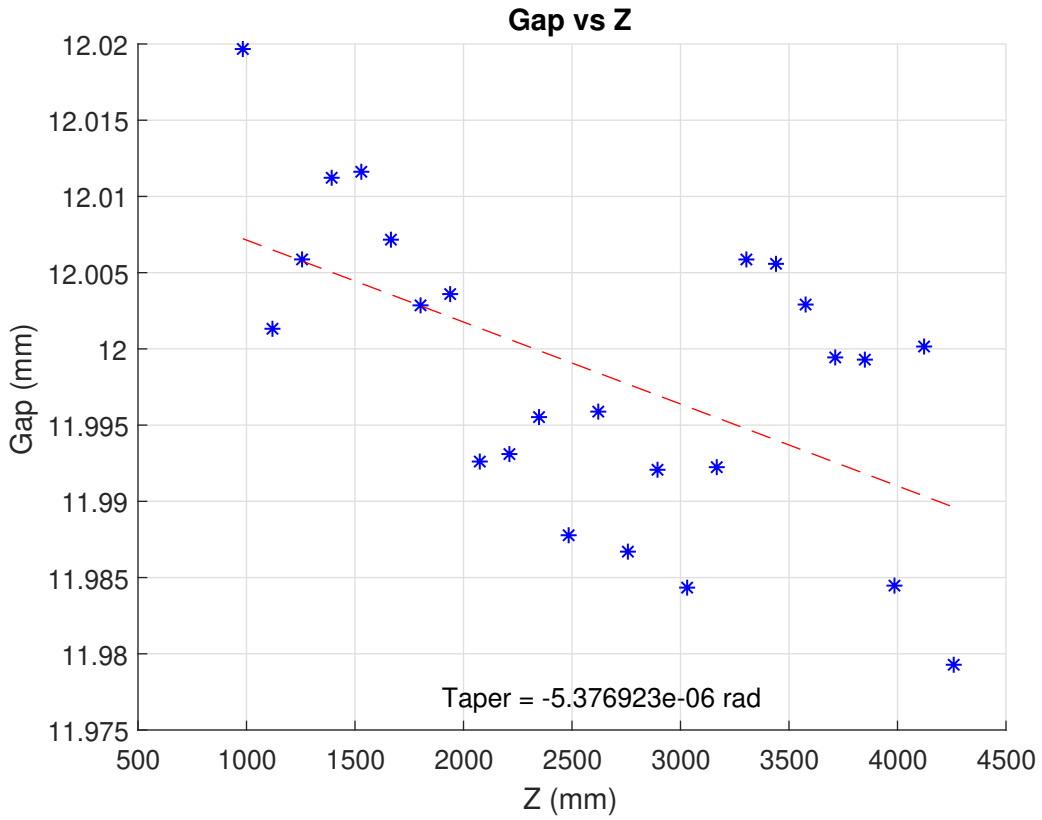

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
5.145
5.14
5.135
5.13
5.125
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-6.84
-6.85
-6.86
-6.87
-6.88
0
20
40
60
80
100
120
140
160
180
Pole Number

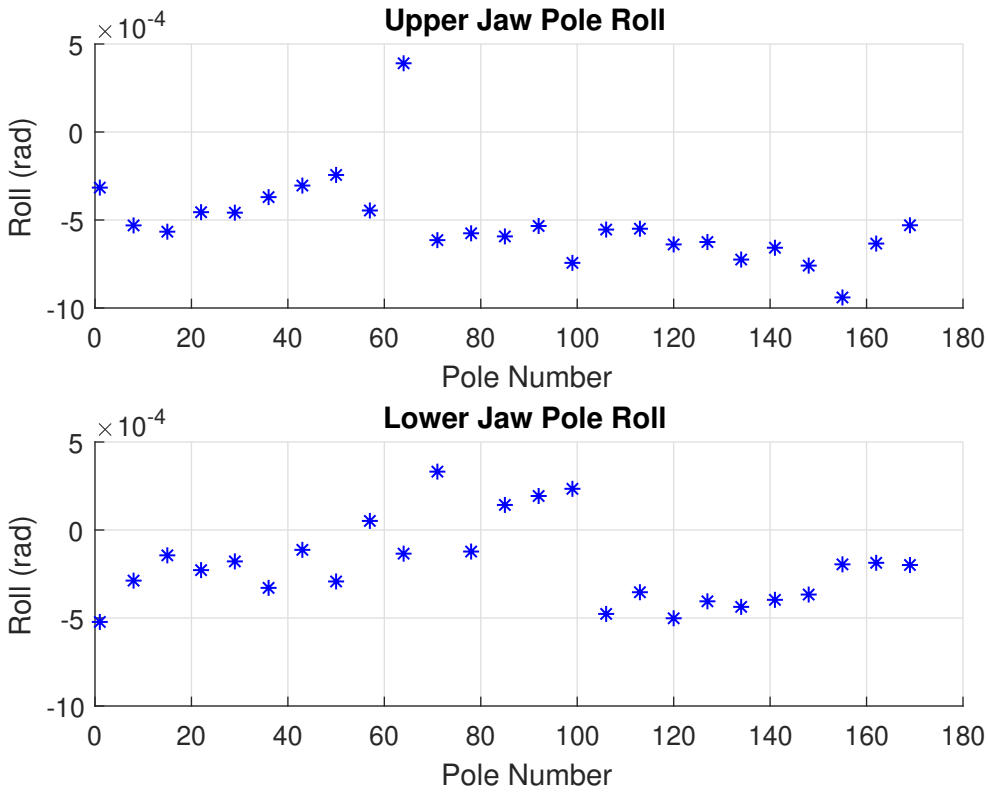

Upper Jaw Pole Y-Positions vs Z
Y (mm)
5.145
5.14
5.135
5.13
5.125
Upper Jaw Pitch = 1.859595e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-6.84
-6.85
-6.86
-6.87
-6.88
Lower Jaw Pitch = 7.236518e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

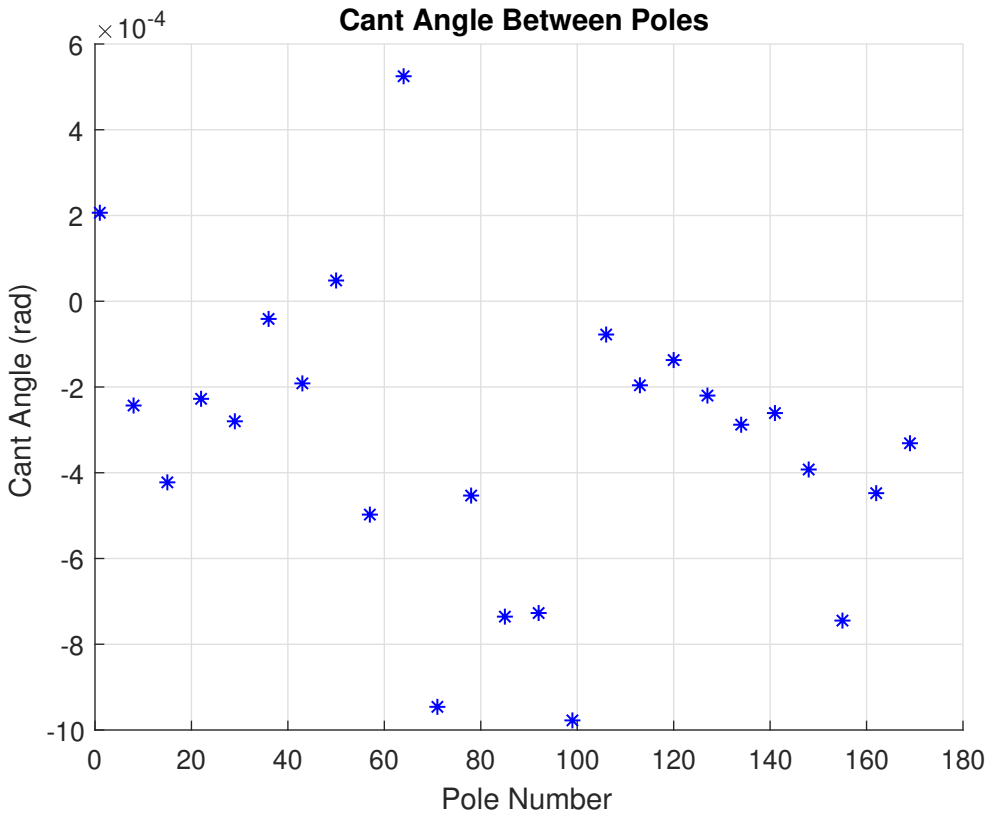

Midplane Height vs Pole Number
Ymid (mm)
-0.856
-0.858
-0.86
-0.862
-0.864
-0.866
-0.868
-0.87
-0.872
-0.874
-0.876
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.856
-0.858
-0.86
-0.862
-0.864
-0.866
-0.868
-0.87
-0.872
-0.874
-0.876
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = 4.548056e-06 rad


Gap vs Pole Number
Gap (mm)
Pole Number
12.02
12.015
12.01
12.005
12
11.995
11.99
11.985
11.98
11.975
0
20
40
60
80
100
120
140
160
180


Gap vs Z
12.02
12.015
12.01
12.005
12
11.995
11.99
11.985
11.98
11.975
Gap (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -5.376923e-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
6
4
2
0
-2
-4
-6
-8
-10
Cant Angle (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number