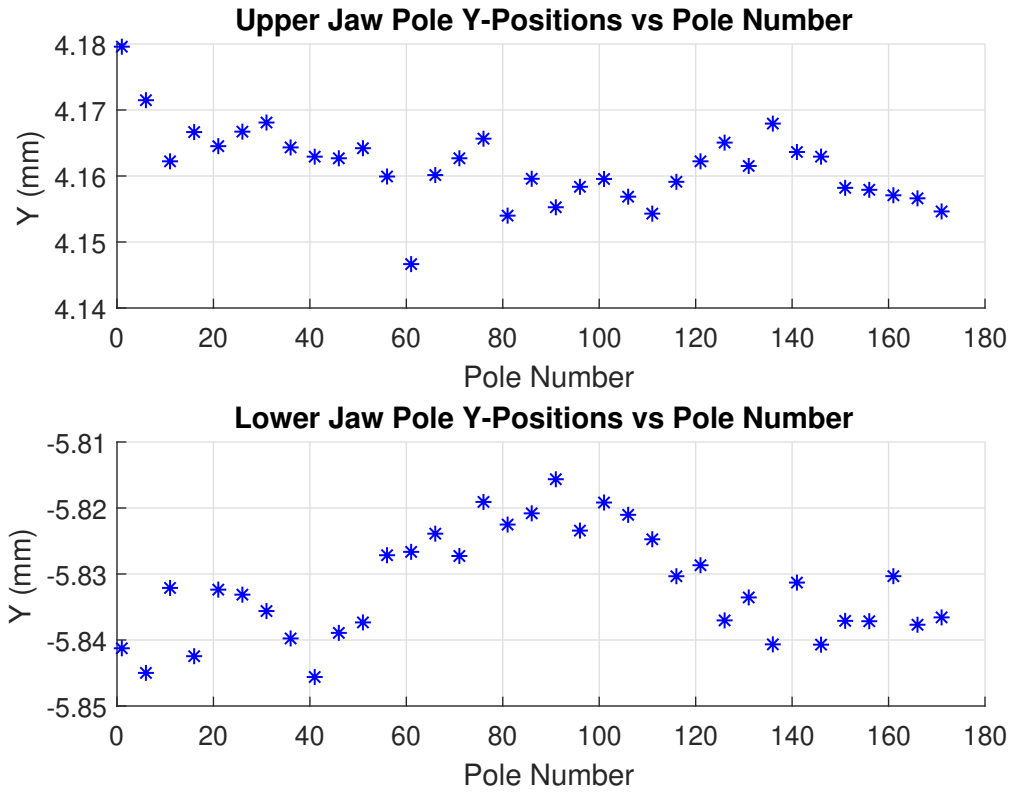
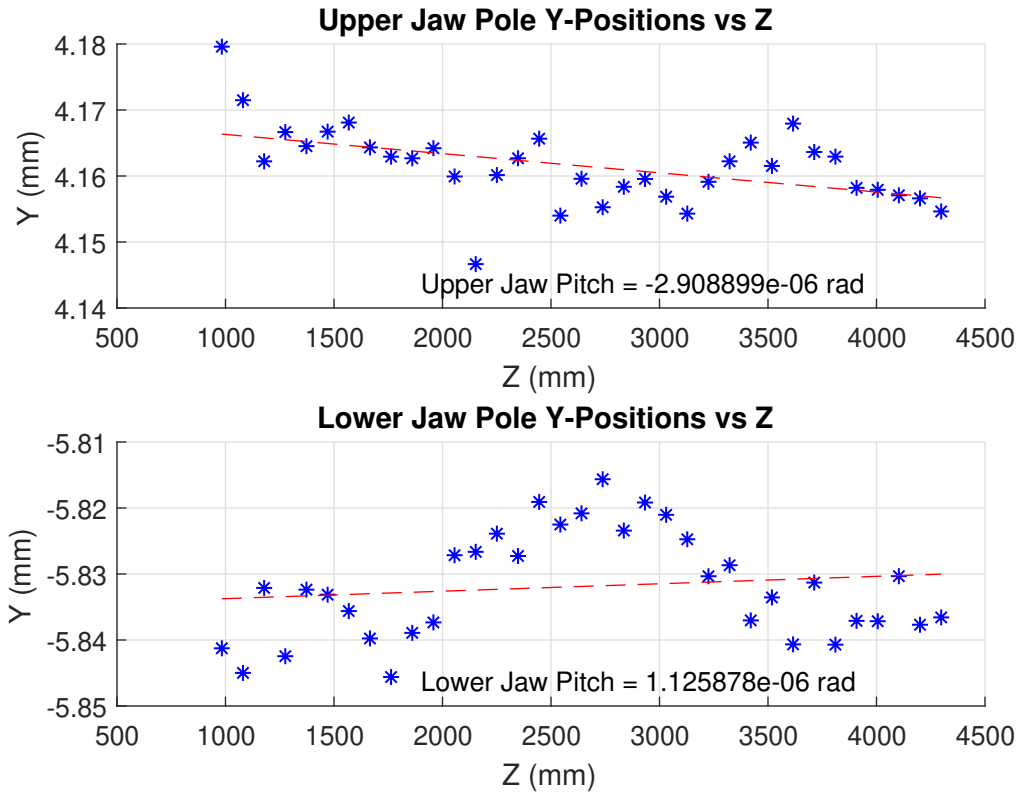
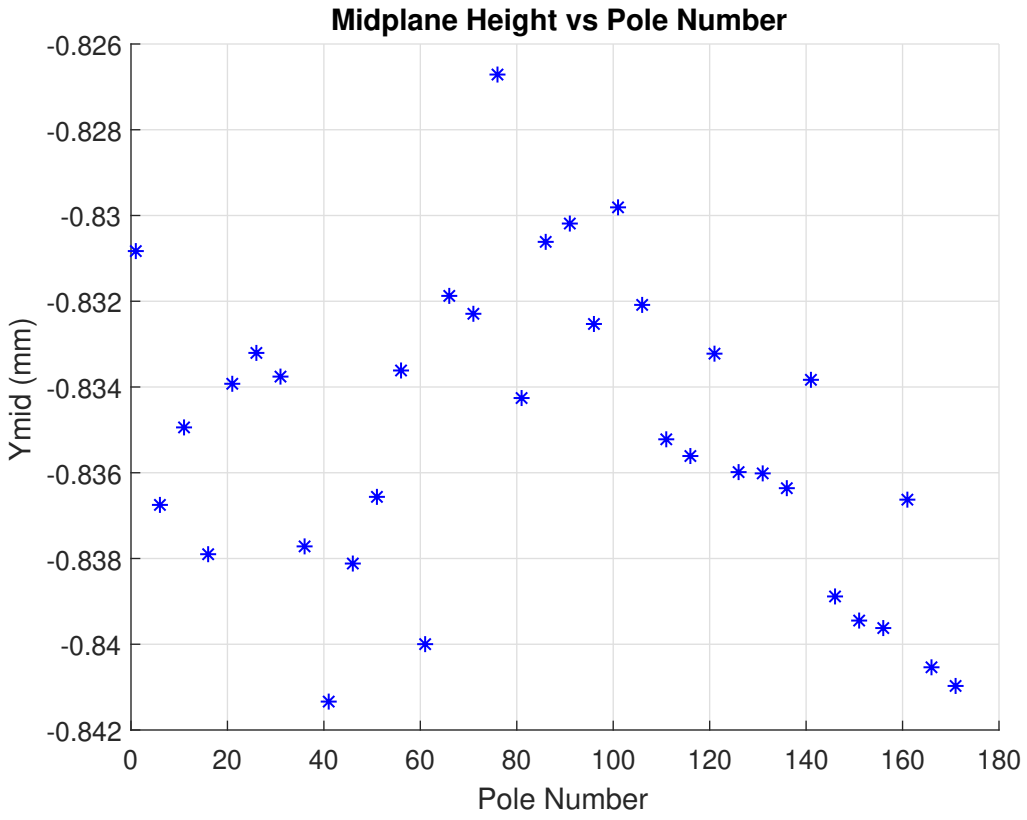
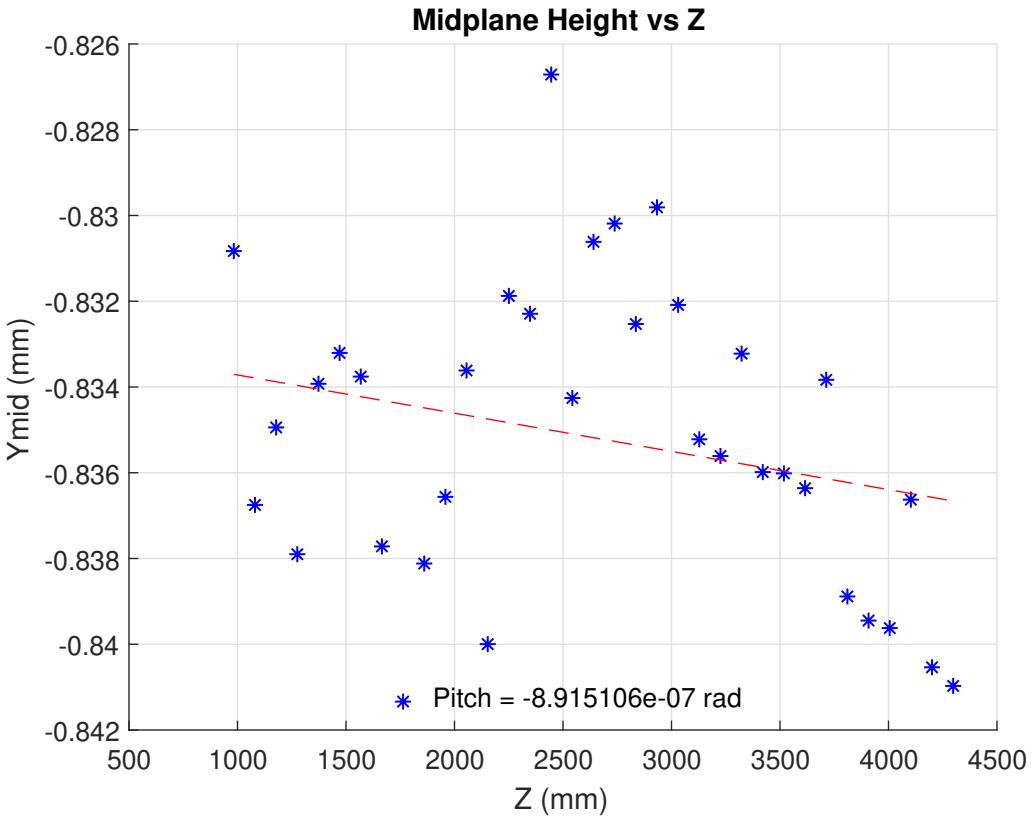
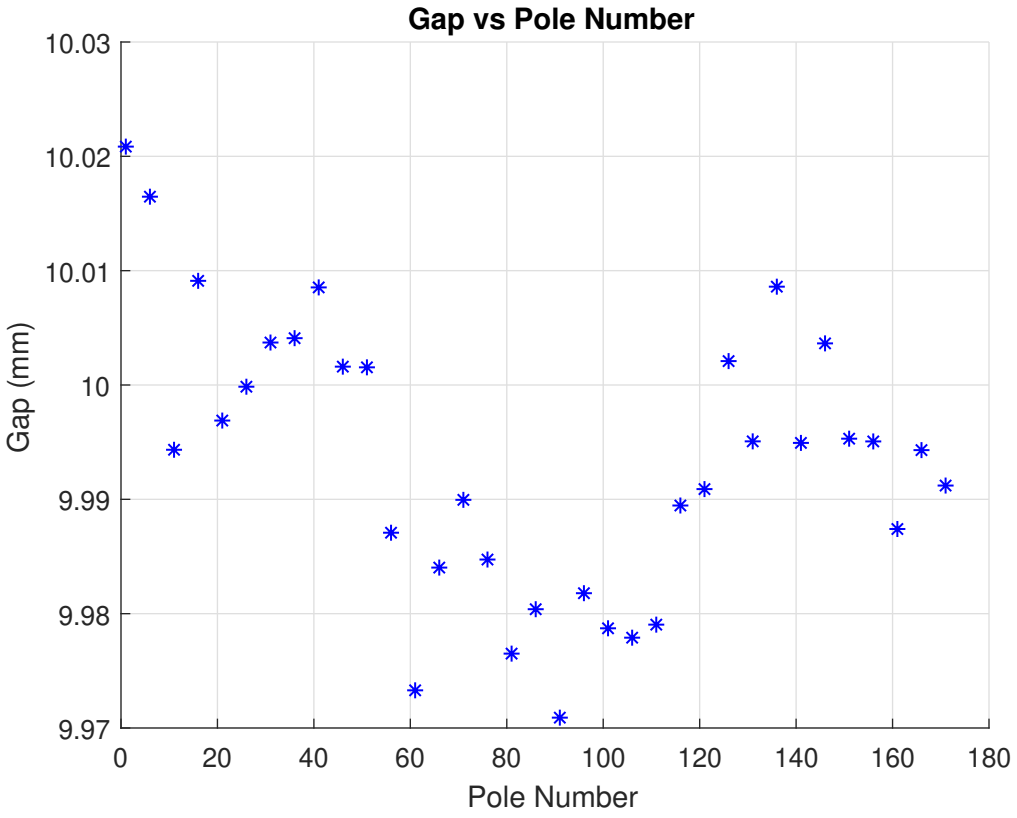
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:48:25#

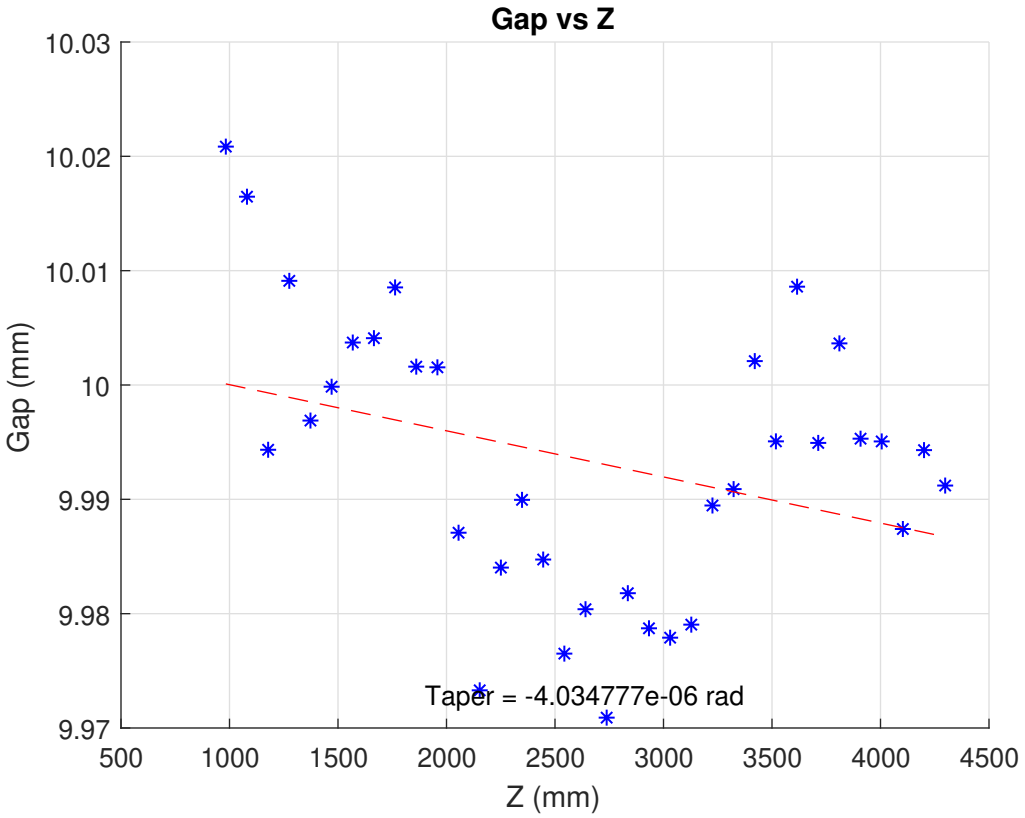

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
4.18
4.17
4.16
4.15
4.14
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-5.81
-5.82
-5.83
-5.84
-5.85
0
20
40
60
80
100
120
140
160
180
Pole Number

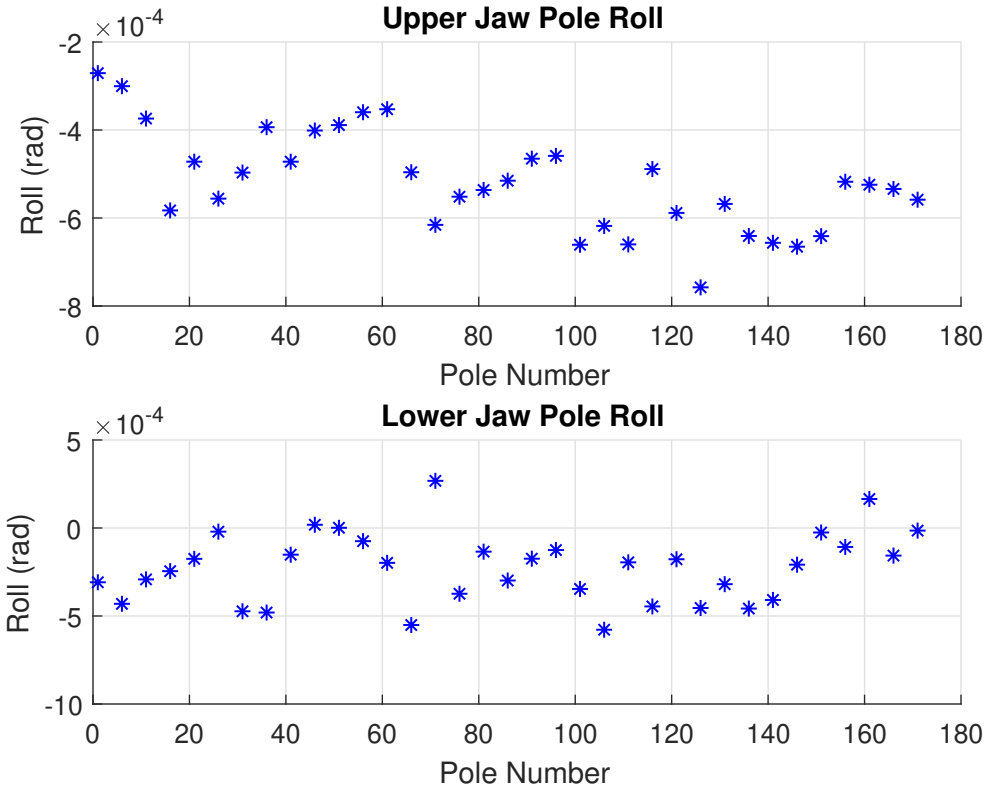

Upper Jaw Pole Y-Positions vs Z
Y (mm)
4.18
4.17
4.16
4.15
4.14
Upper Jaw Pitch = -2.908899e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-5.81
-5.82
-5.83
-5.84
-5.85
Lower Jaw Pitch = 1.125878e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

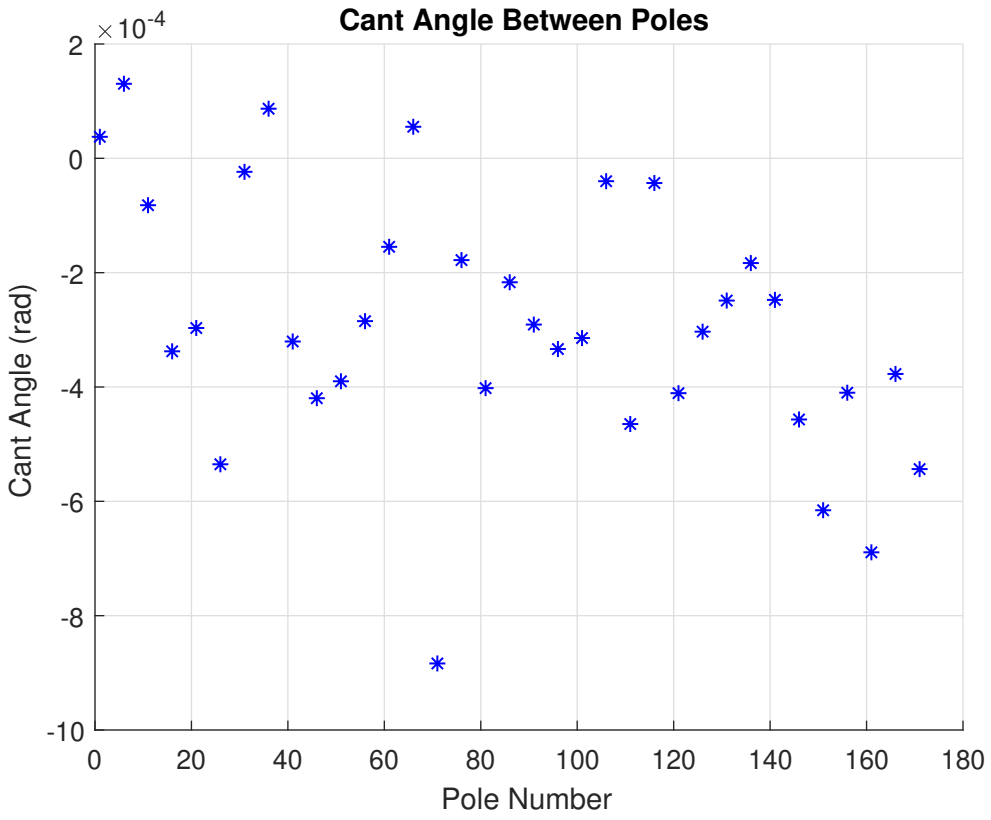

Midplane Height vs Pole Number
Ymid (mm)
-0.826
-0.828
-0.83
-0.832
-0.834
-0.836
-0.838
-0.84
-0.842
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
Ymid (mm)
Z (mm)
-0.826
-0.828
-0.83
-0.832
-0.834
-0.836
-0.838
-0.84
-0.842
500
1000
1500
2000
2500
3000
3500
4000
4500
Pitch = -8.915106e-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 = -4.034777e-06 rad


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