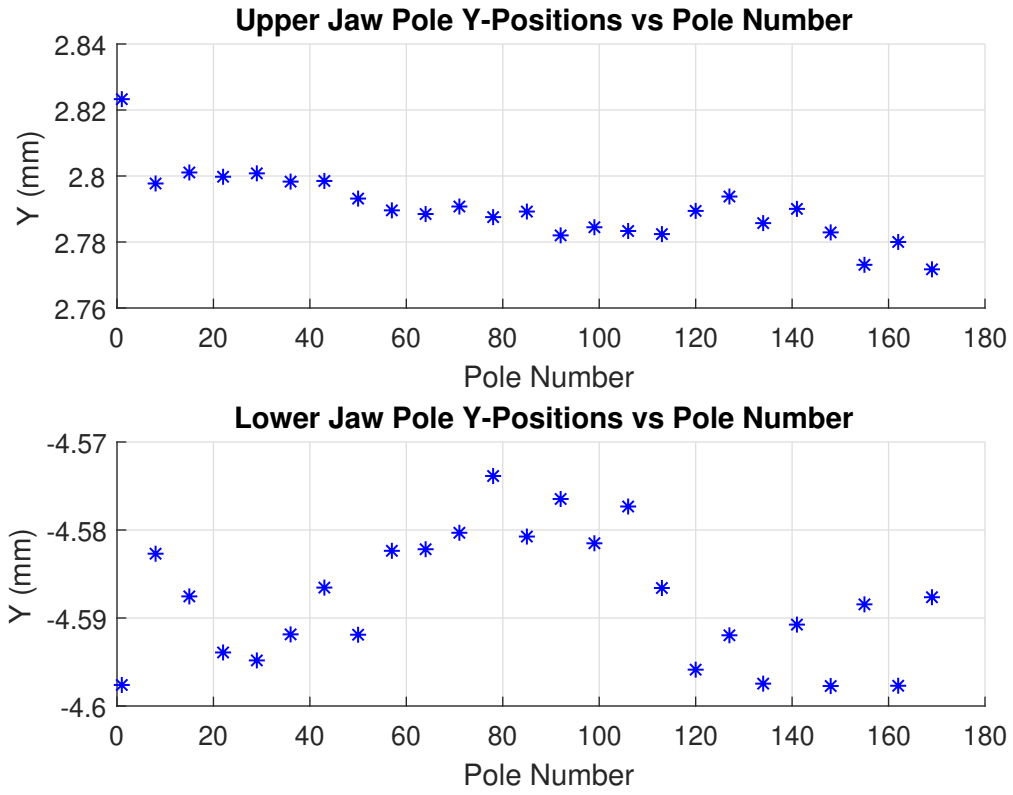
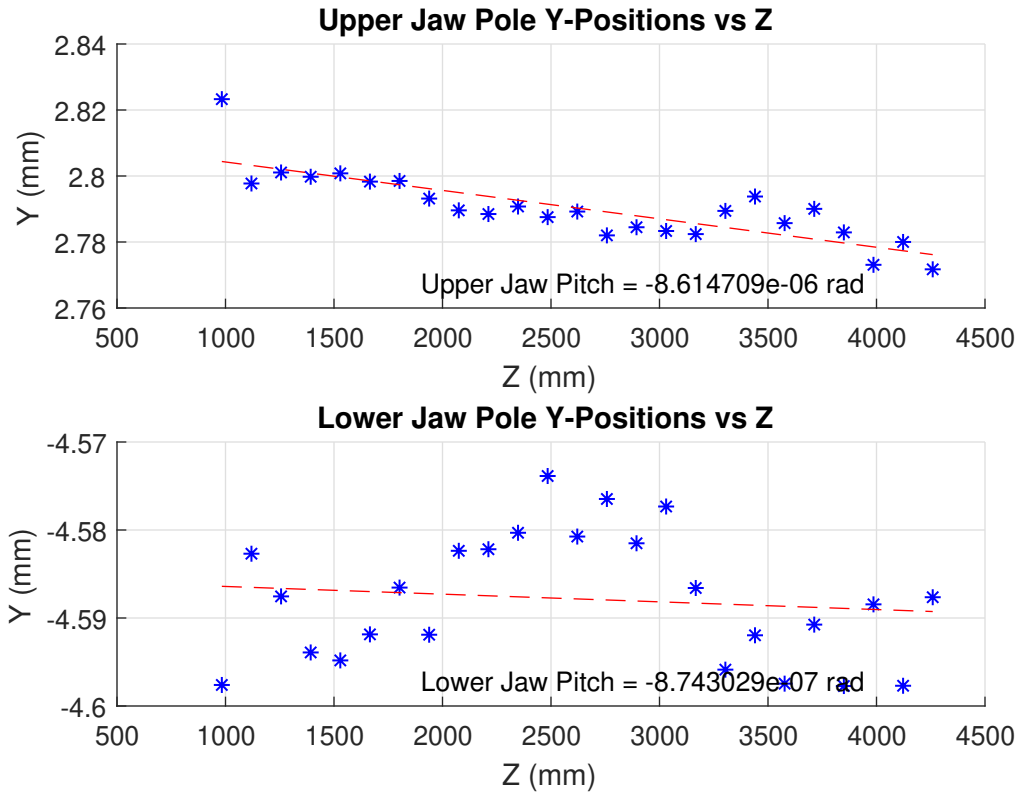
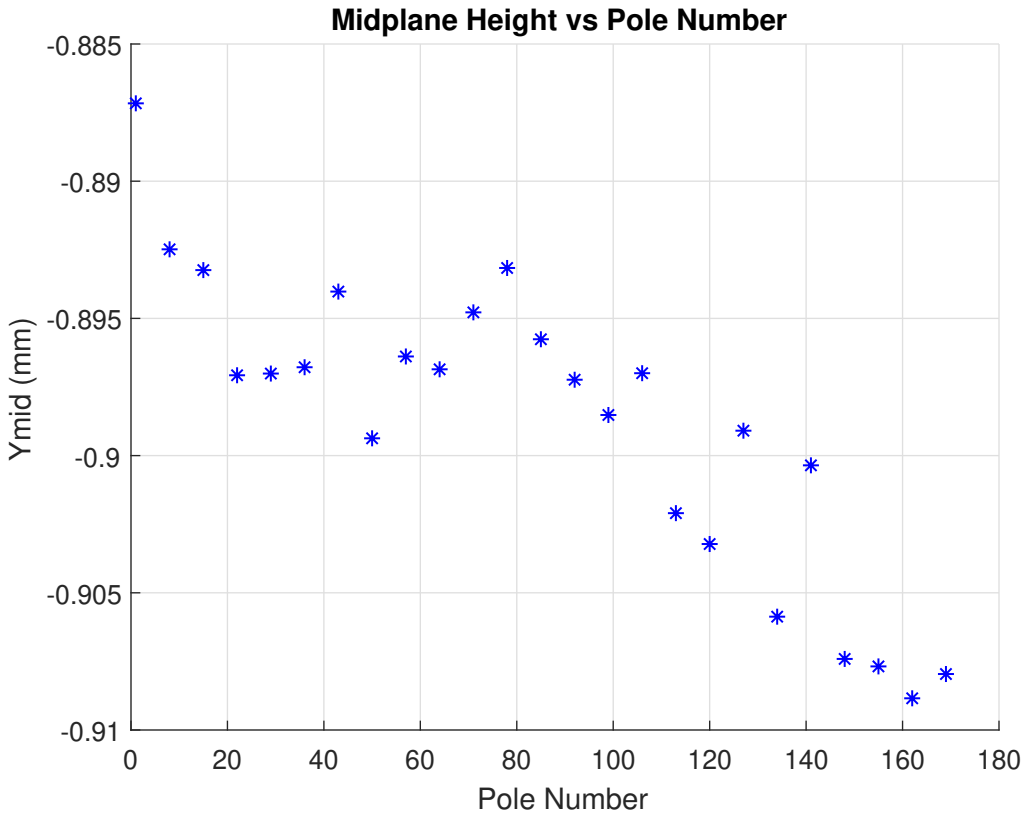
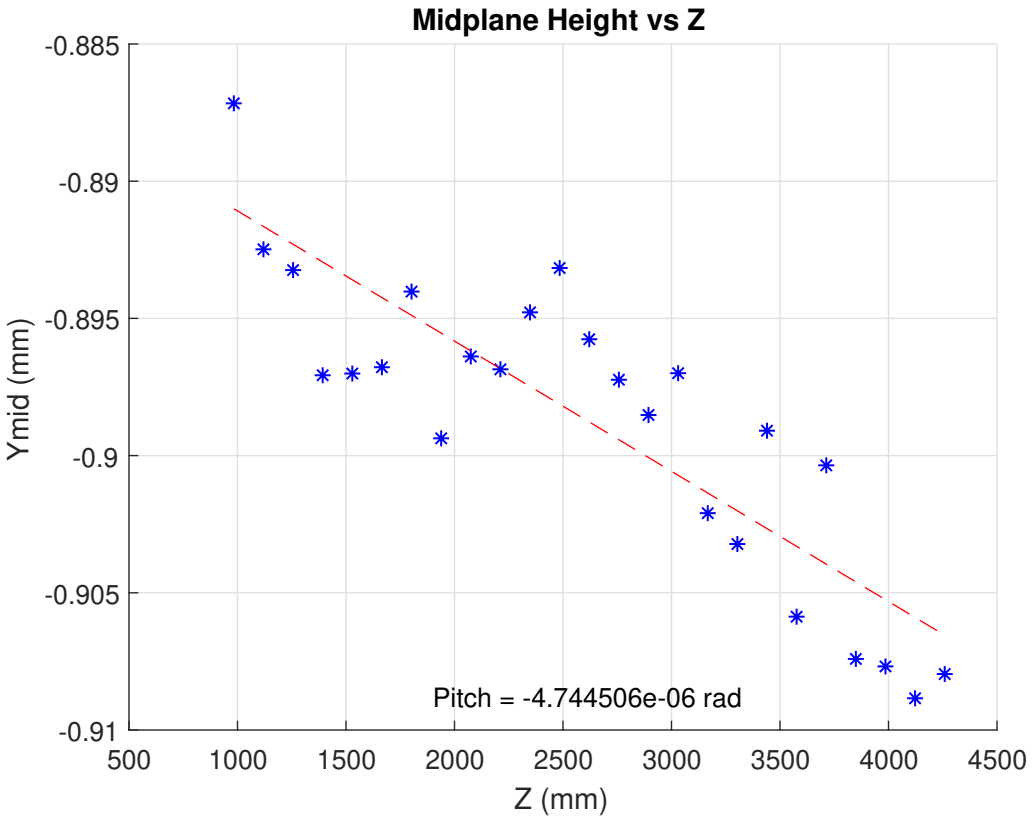
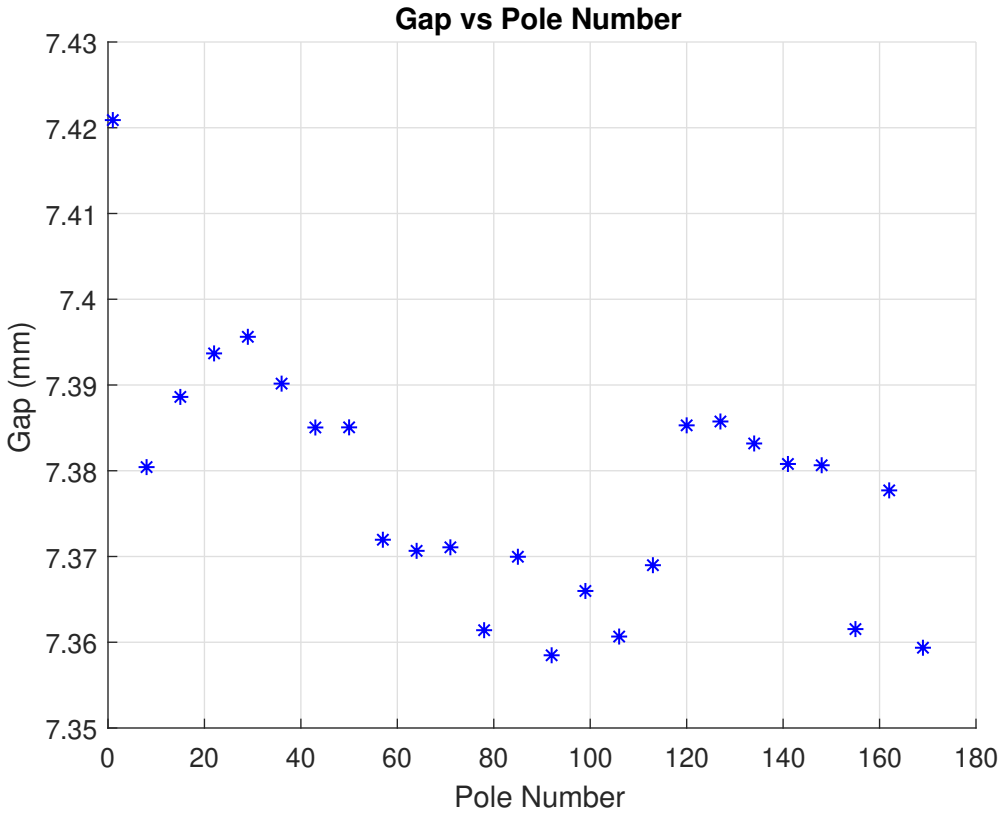
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:49:17#

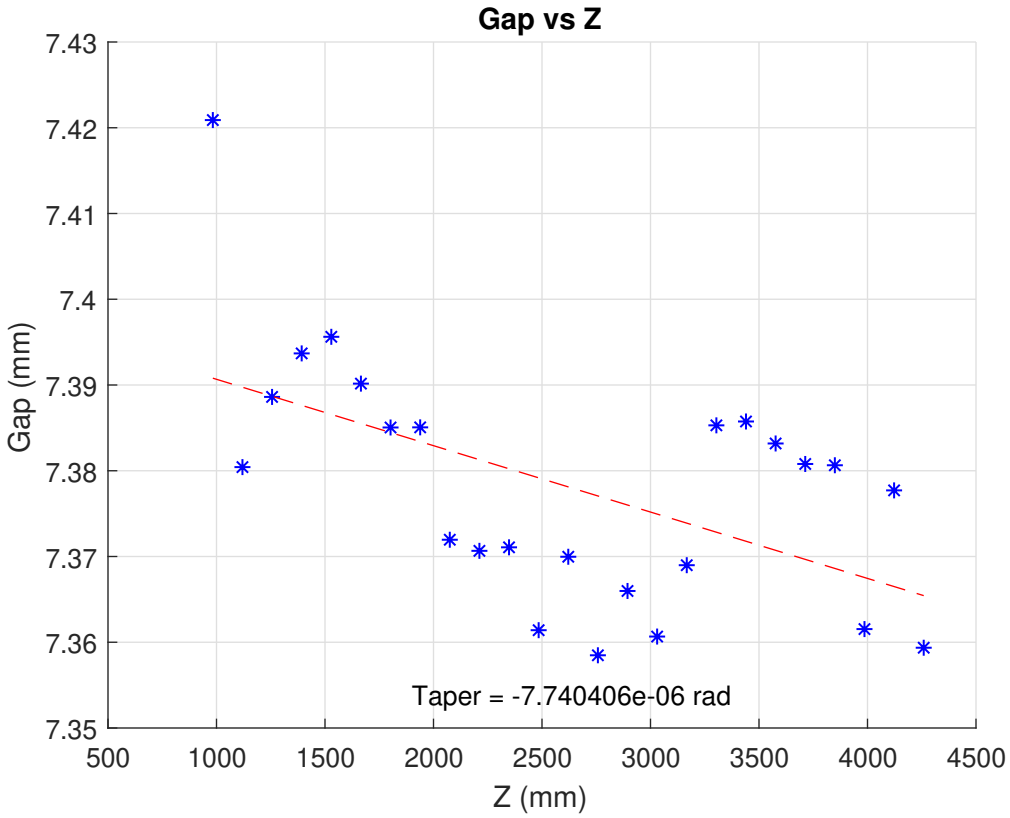

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
2.84
2.82
2.8
2.78
2.76
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-4.57
-4.58
-4.59
-4.6
0
20
40
60
80
100
120
140
160
180
Pole Number

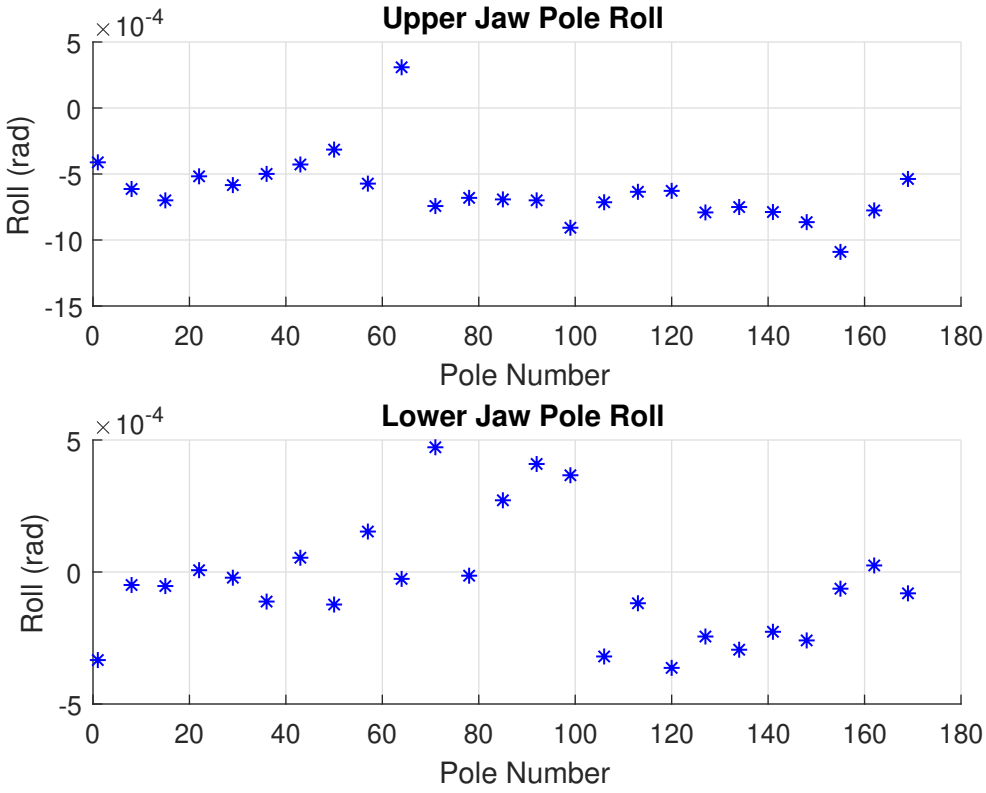

Upper Jaw Pole Y-Positions vs Z
Y (mm)
2.84
2.82
2.8
2.78
2.76
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Upper Jaw Pitch = -8.614709e-06 rad
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-4.57
-4.58
-4.59
-4.6
Z (mm)
Lower Jaw Pitch = -8.743029e-07 rad

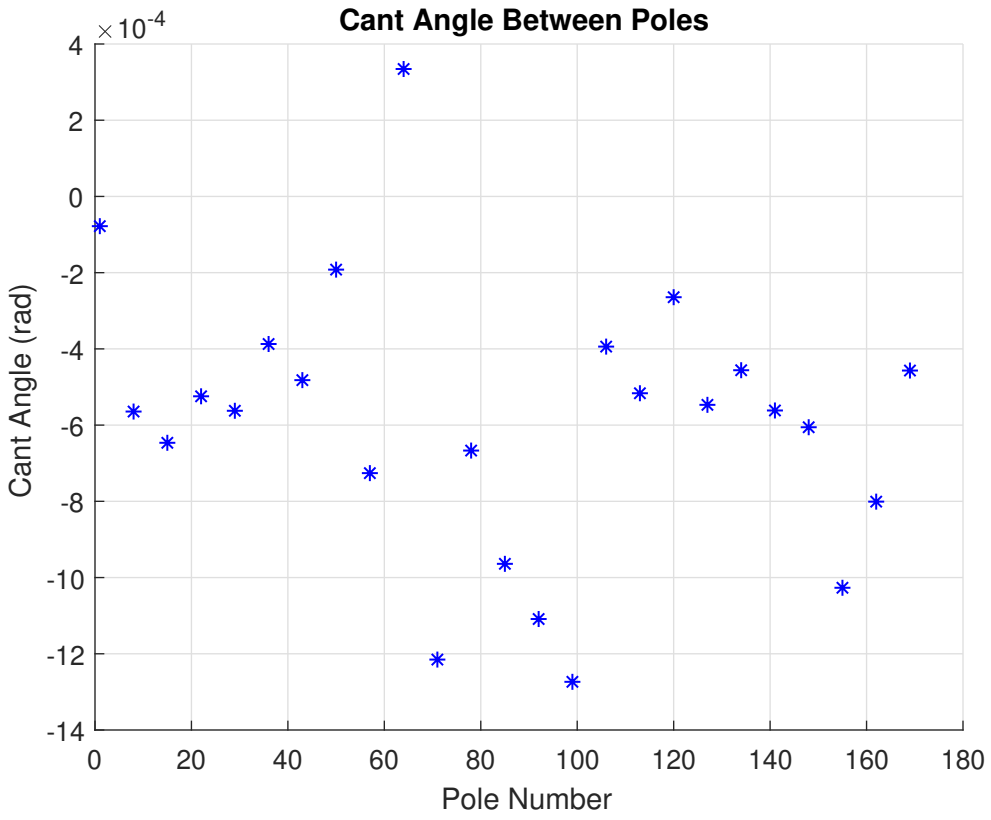

Midplane Height vs Pole Number
-0.885
-0.89
-0.895
-0.9
-0.905
-0.91
Ymid (mm)
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.885
-0.89
-0.895
-0.9
-0.905
-0.91
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = -4.744506e-06 rad


Gap vs Pole Number
Gap (mm)
Pole Number
7.43
7.42
7.41
7.4
7.39
7.38
7.37
7.36
7.35
0
20
40
60
80
100
120
140
160
180


Gap vs Z
Gap (mm)
Z (mm)
Taper = -7.740406e-06 rad
7.43
7.42
7.41
7.4
7.39
7.38
7.37
7.36
7.35
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
5
0
-5
Roll (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number


Cant Angle Between Poles
×10-4
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