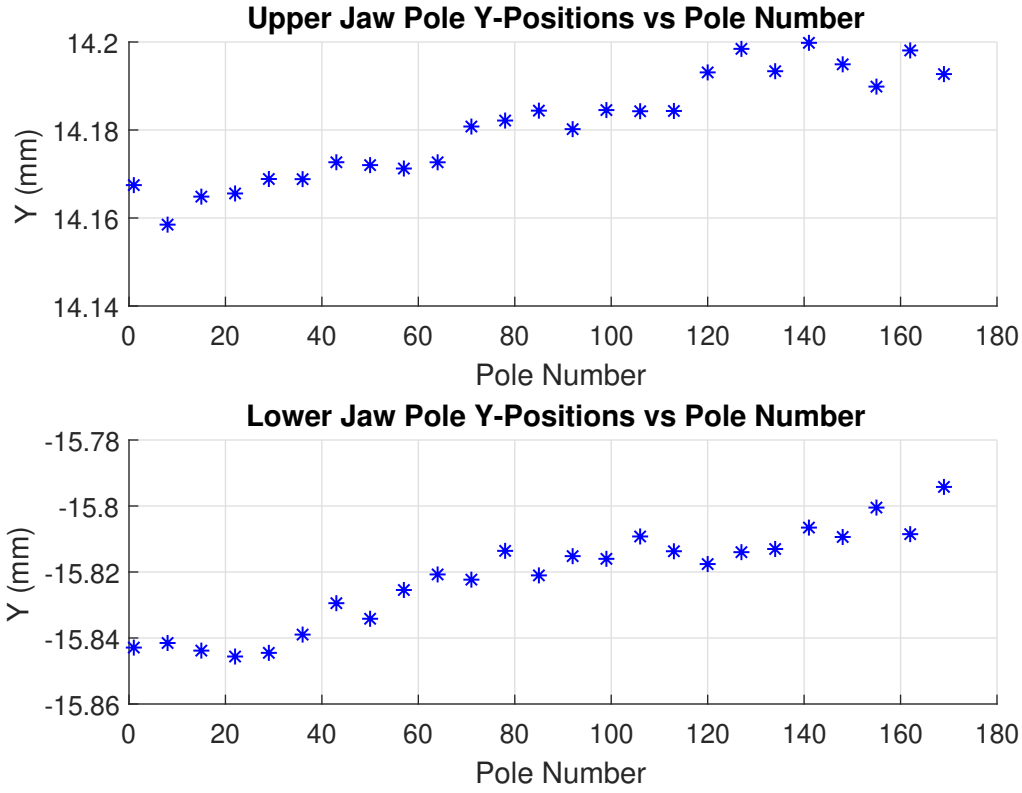
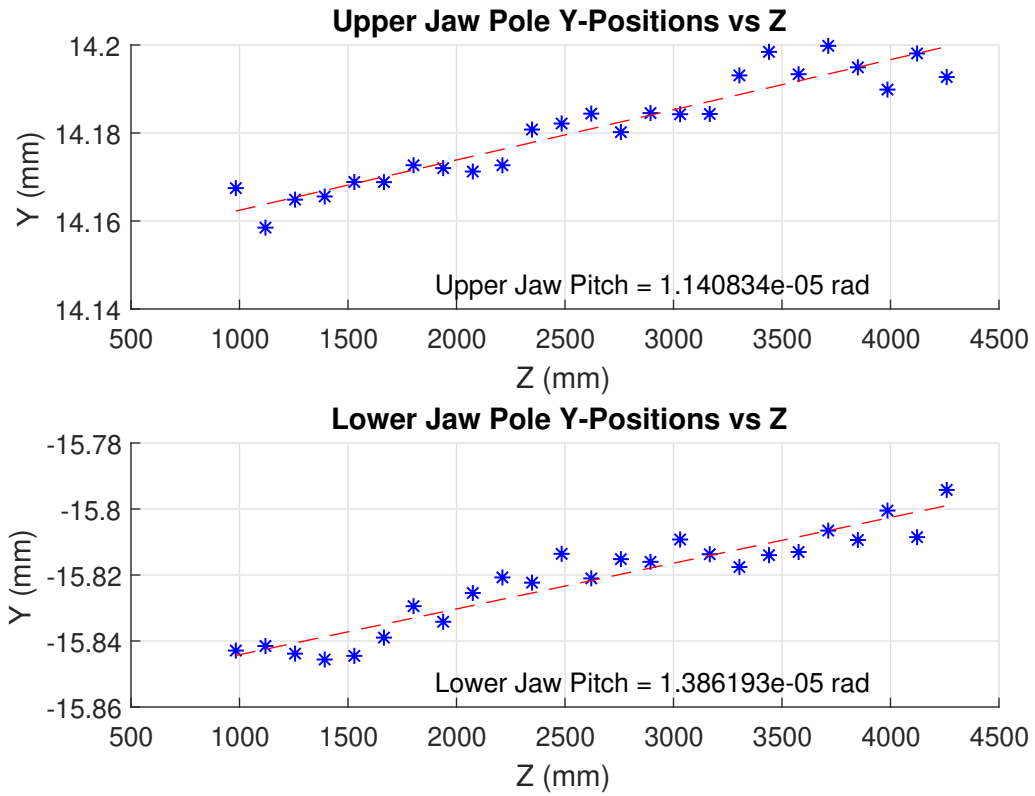
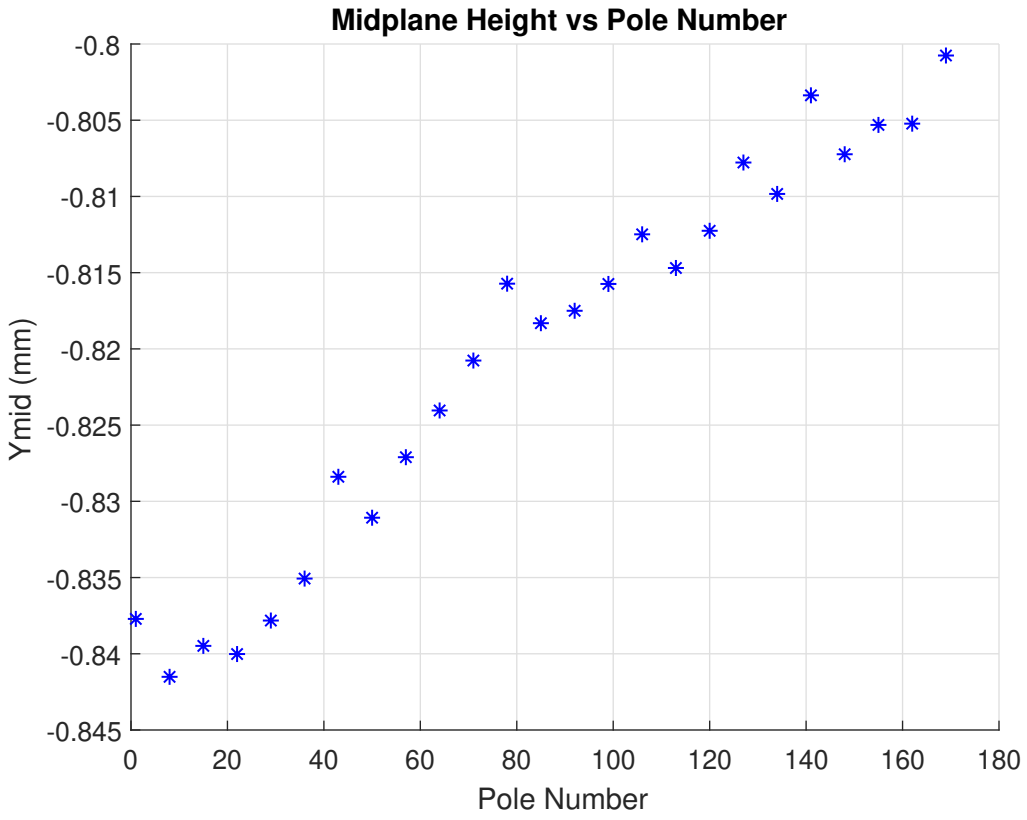
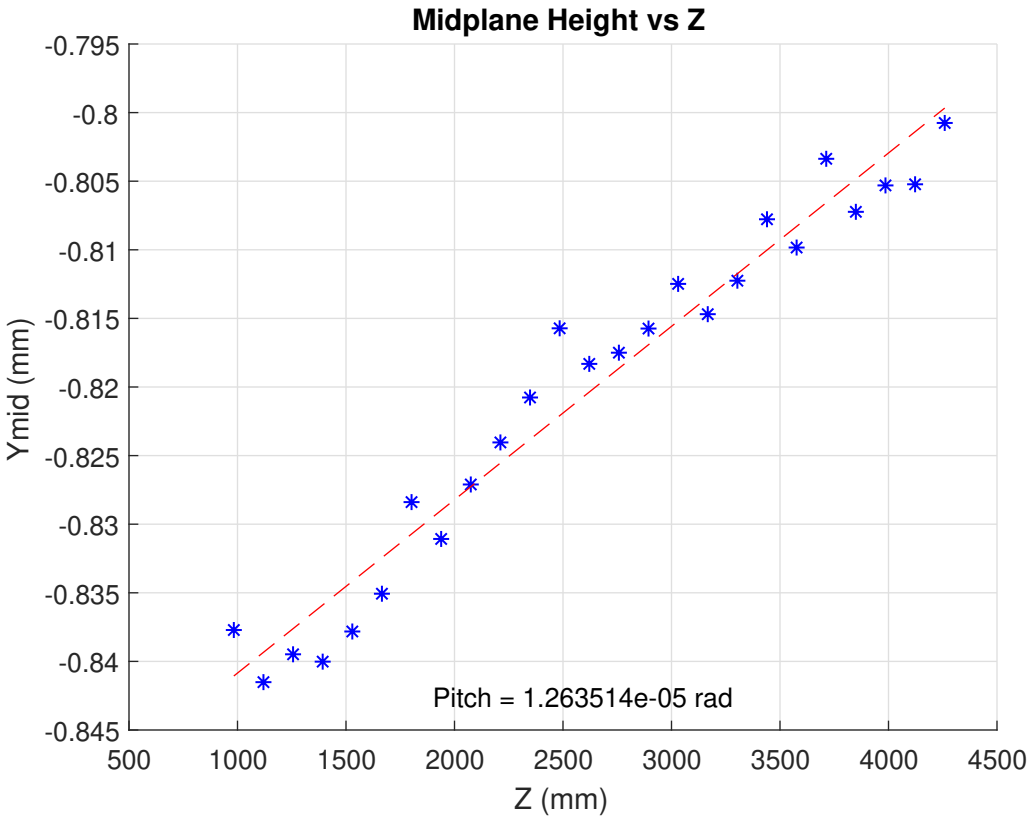
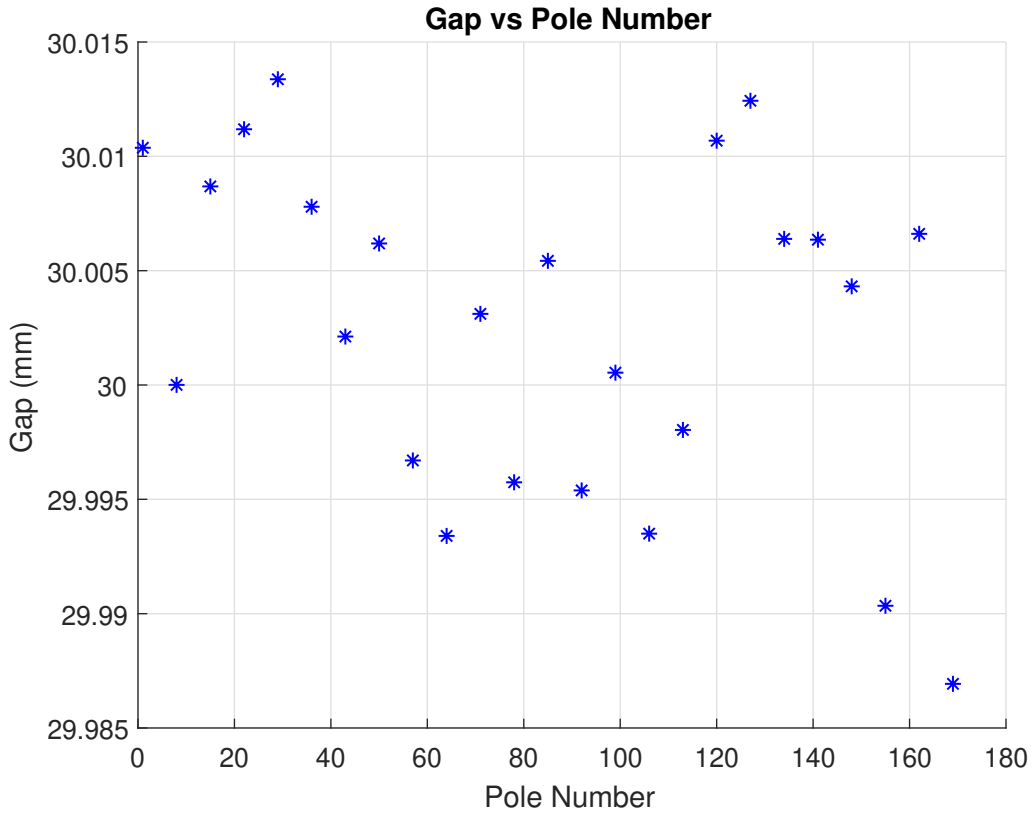
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:49:00#

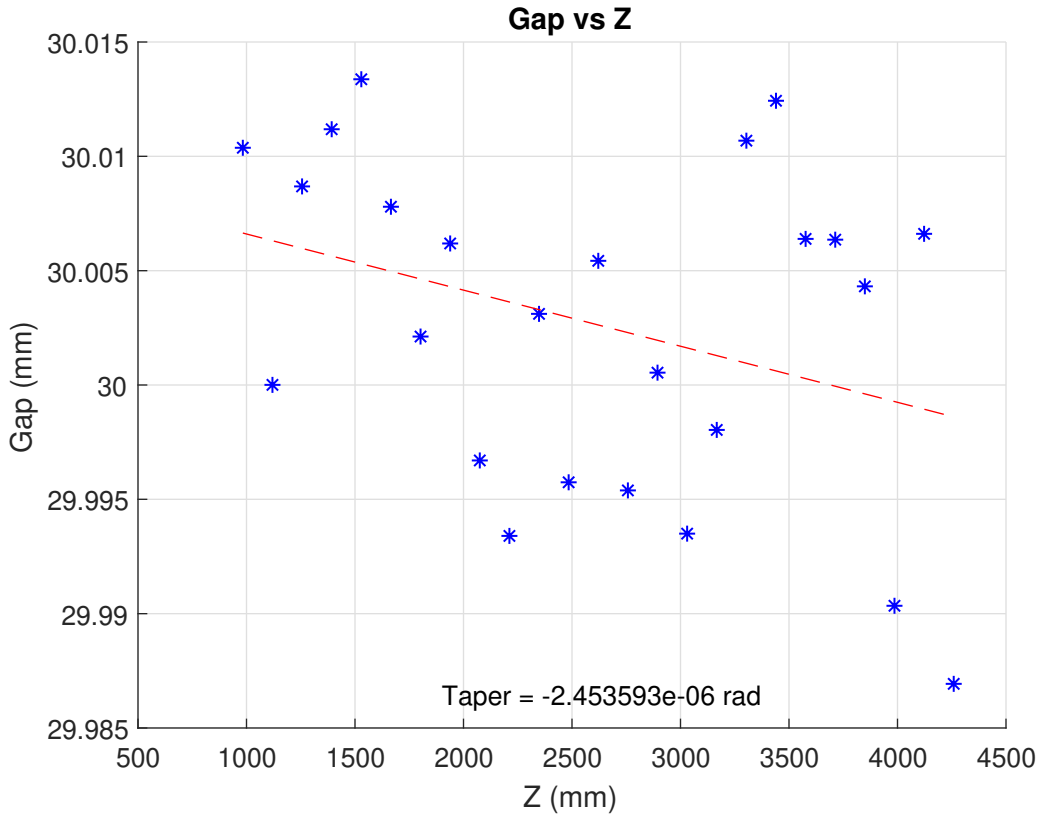

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
14.2
14.18
14.16
14.14
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-15.78
-15.8
-15.82
-15.84
-15.86
0
20
40
60
80
100
120
140
160
180
Pole Number

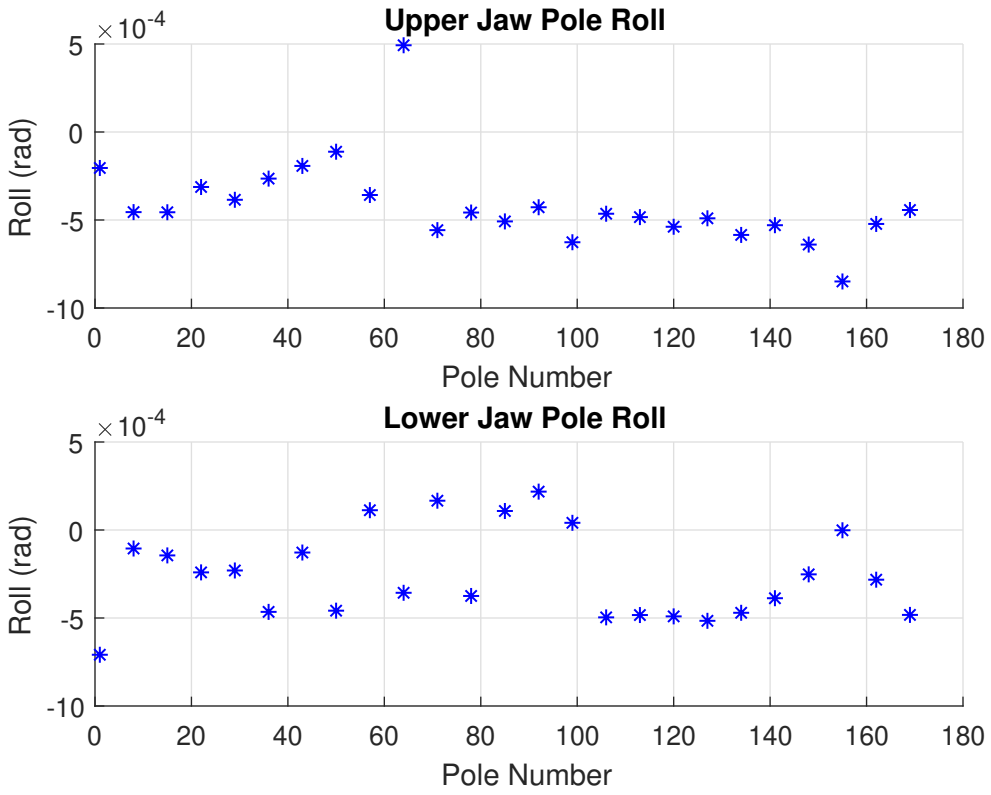

Upper Jaw Pole Y-Positions vs Z
Y (mm)
14.2
14.18
14.16
14.14
Upper Jaw Pitch = 1.140834e-05 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-15.78
-15.8
-15.82
-15.84
-15.86
Lower Jaw Pitch = 1.386193e-05 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

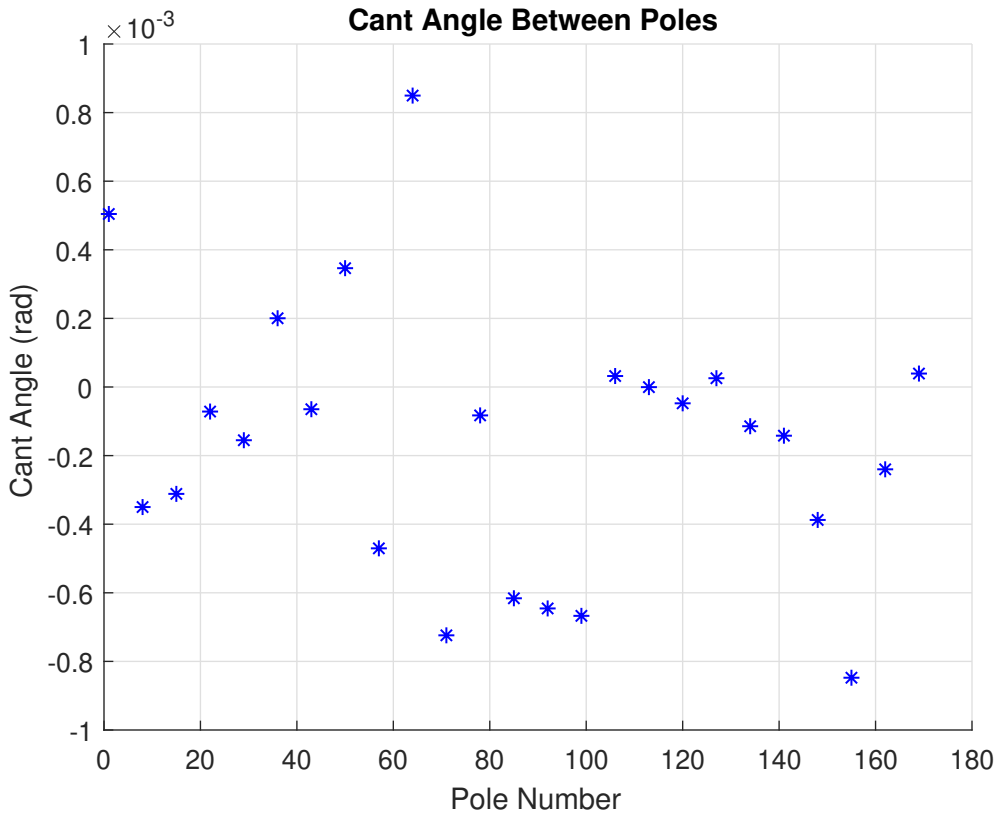

Midplane Height vs Pole Number
Ymid (mm)
-0.8
-0.805
-0.81
-0.815
-0.82
-0.825
-0.83
-0.835
-0.84
-0.845
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.795
-0.8
-0.805
-0.81
-0.815
-0.82
-0.825
-0.83
-0.835
-0.84
-0.845
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = 1.263514e-05 rad


Gap vs Pole Number
30.015
30.01
30.005
30
29.995
29.99
29.985
Gap (mm)
0
20
40
60
80
100
120
140
160
180
Pole Number


Gap vs Z
30.015
30.01
30.005
30
29.995
29.99
29.985
Gap (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -2.453593e-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
×10-3
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
Cant Angle (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number