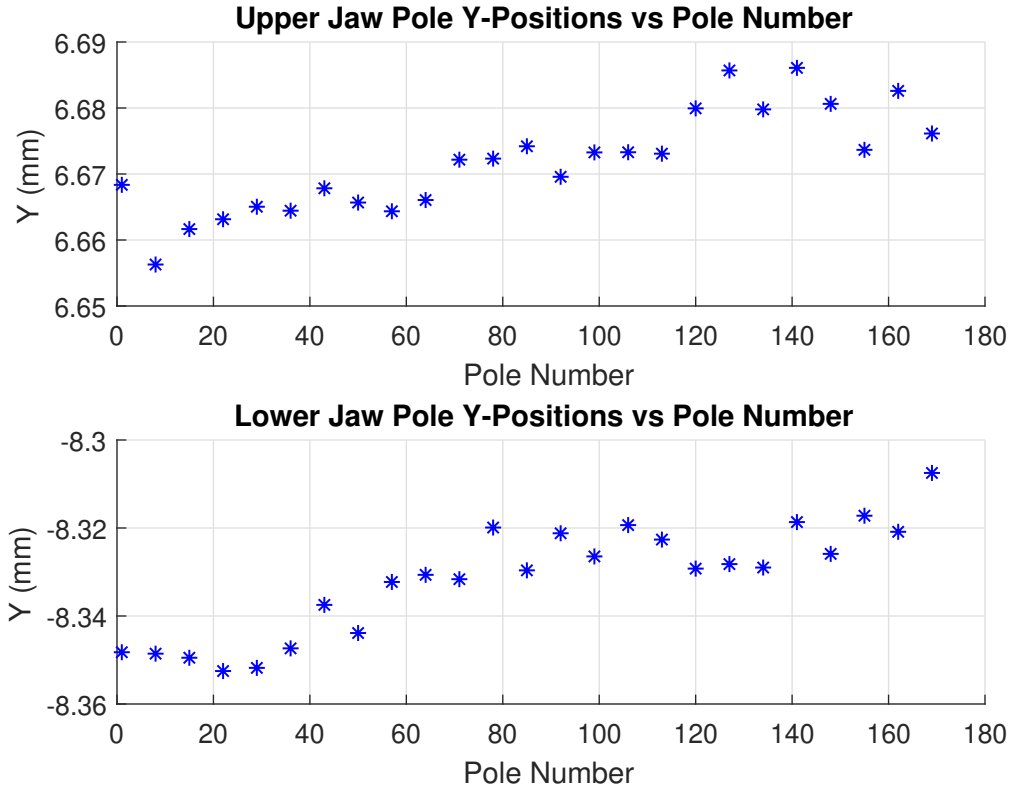
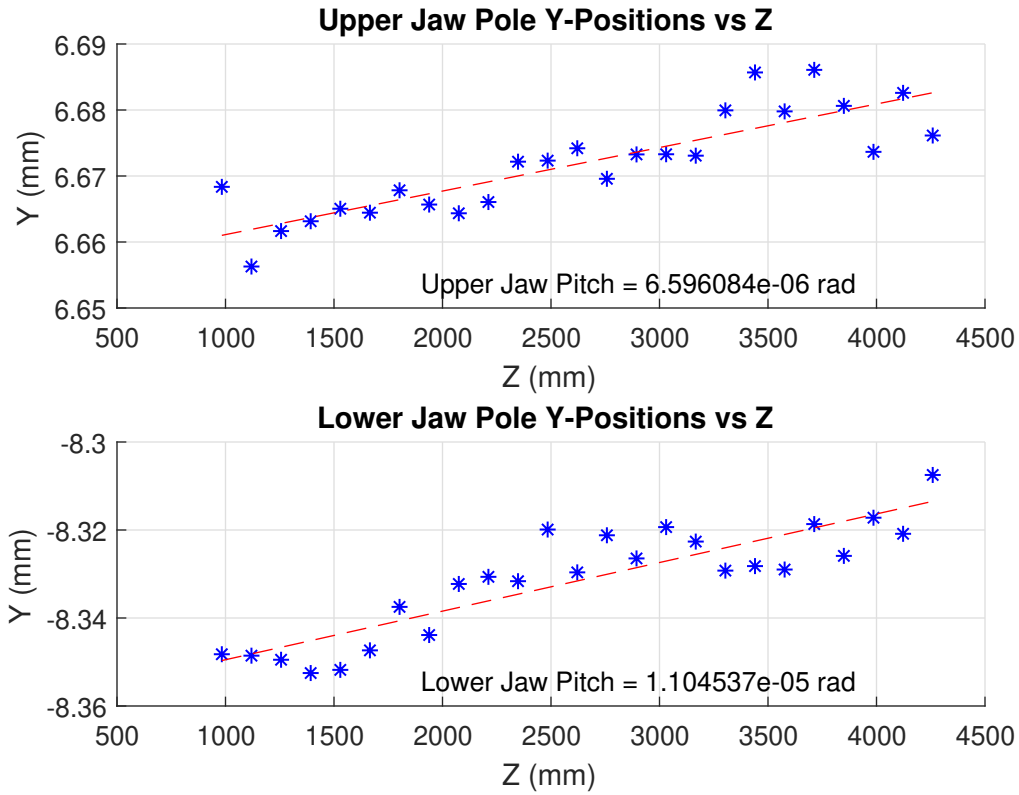
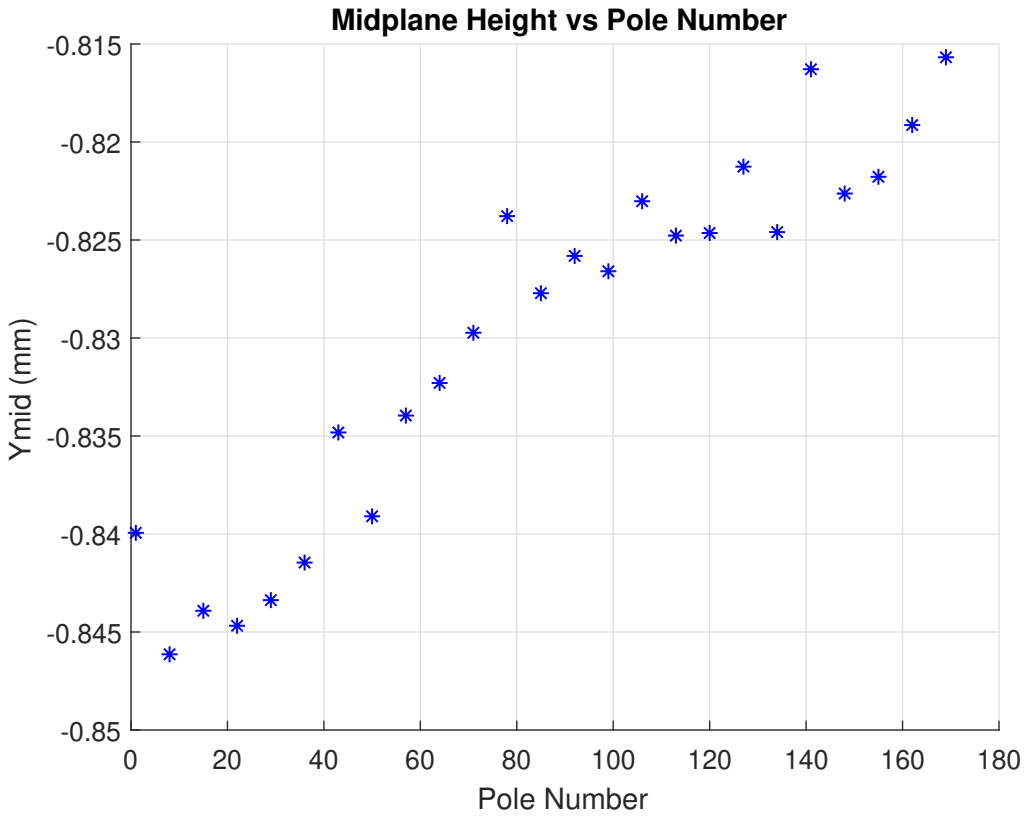
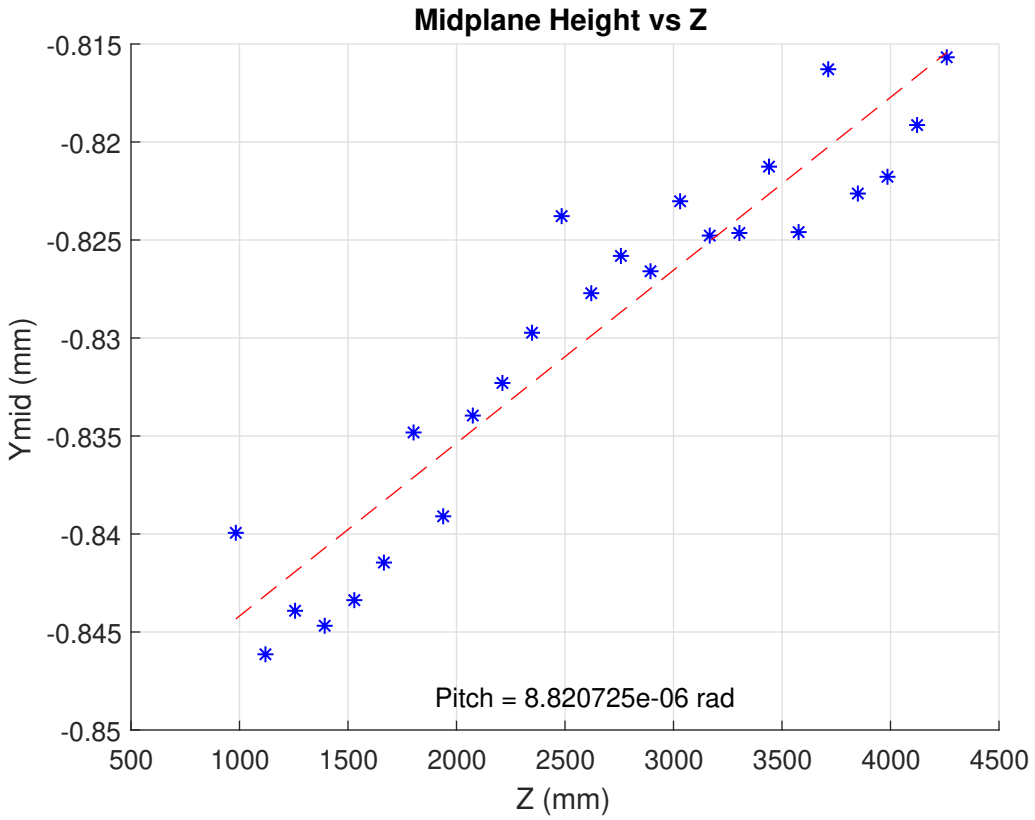
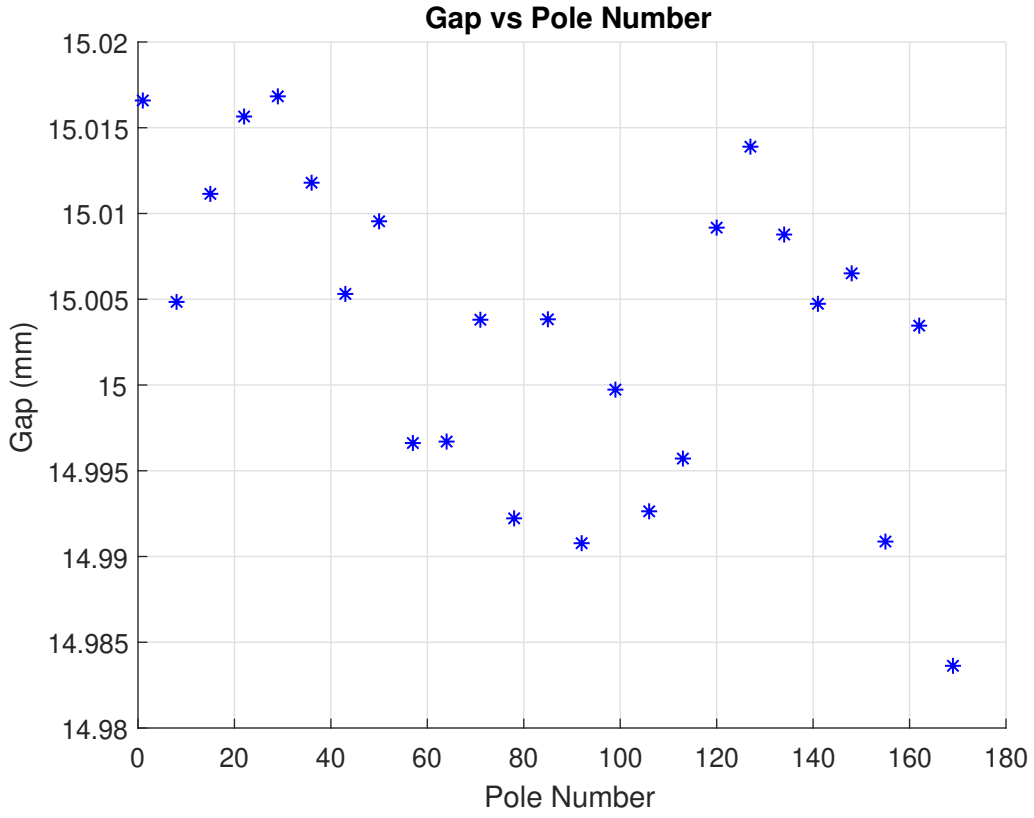
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:48:47#

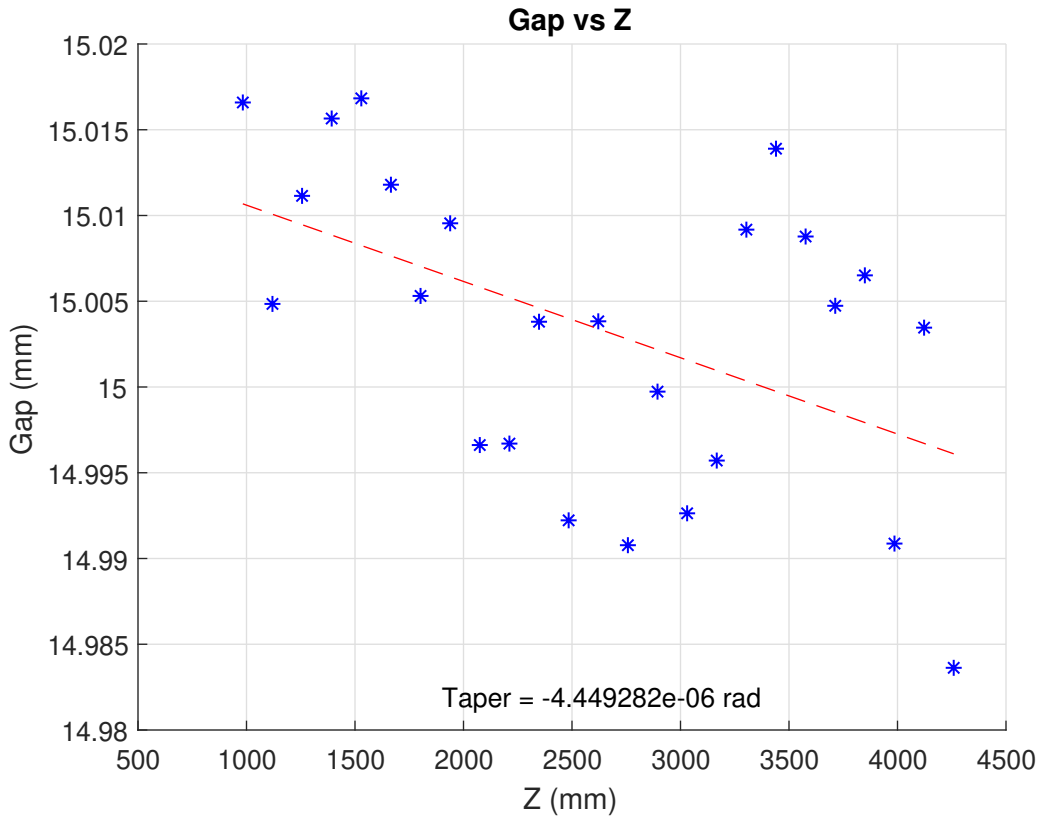

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
6.69
6.68
6.67
6.66
6.65
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-8.3
-8.32
-8.34
-8.36
0
20
40
60
80
100
120
140
160
180
Pole Number

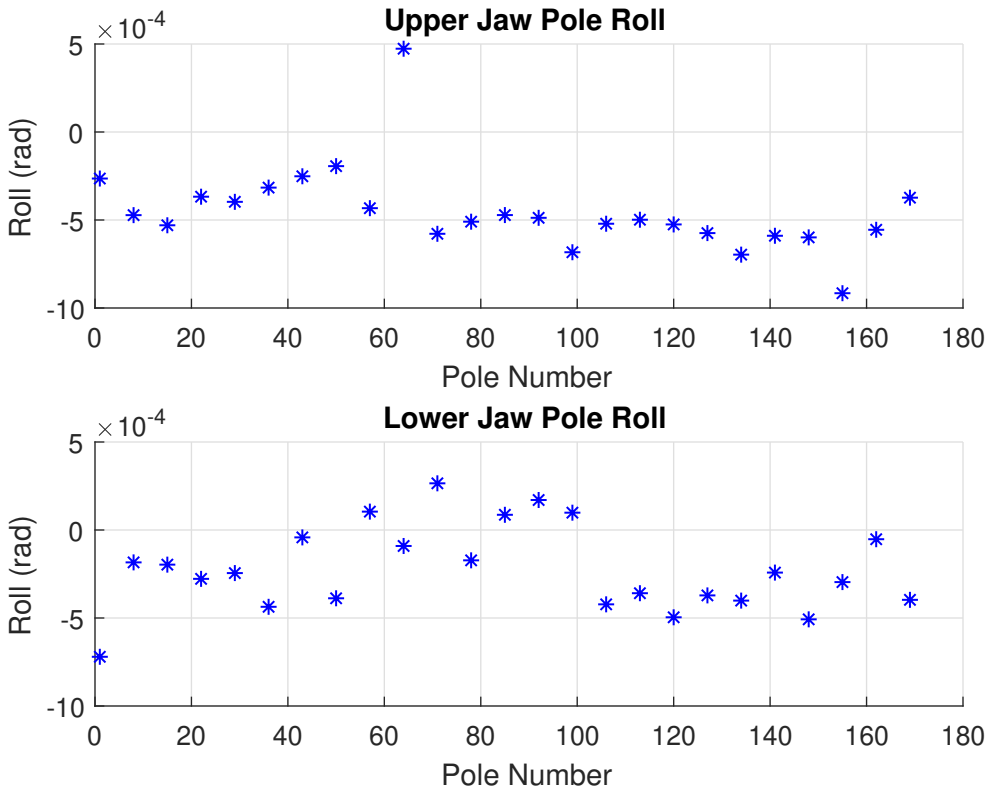

Upper Jaw Pole Y-Positions vs Z
Y (mm)
6.69
6.68
6.67
6.66
6.65
Upper Jaw Pitch = 6.596084e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-8.3
-8.32
-8.34
-8.36
Lower Jaw Pitch = 1.104537e-05 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

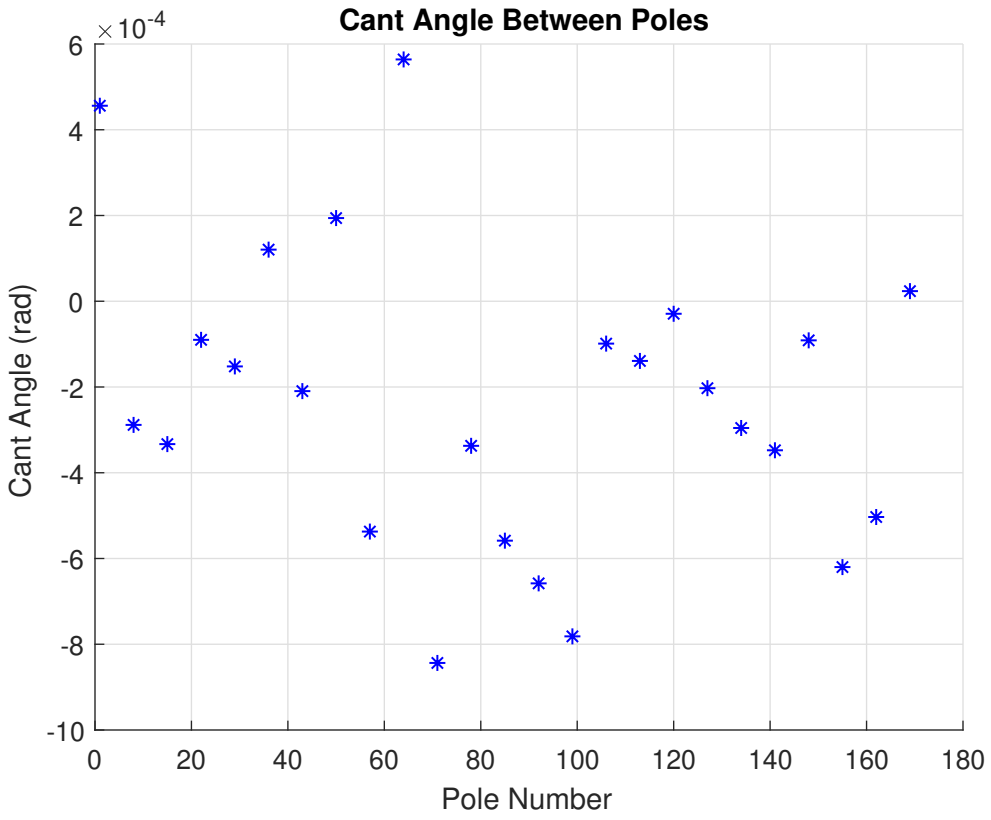

Midplane Height vs Pole Number
Ymid (mm)
-0.815
-0.82
-0.825
-0.83
-0.835
-0.84
-0.845
-0.85
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.815
-0.82
-0.825
-0.83
-0.835
-0.84
-0.845
-0.85
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = 8.820725e-06 rad


Gap vs Pole Number
15.02
15.015
15.01
15.005
15
14.995
14.99
14.985
14.98
Gap (mm)
0
20
40
60
80
100
120
140
160
180
Pole Number


Gap vs Z
15.02
15.015
15.01
15.005
15
14.995
14.99
14.985
14.98
Gap (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -4.449282e-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