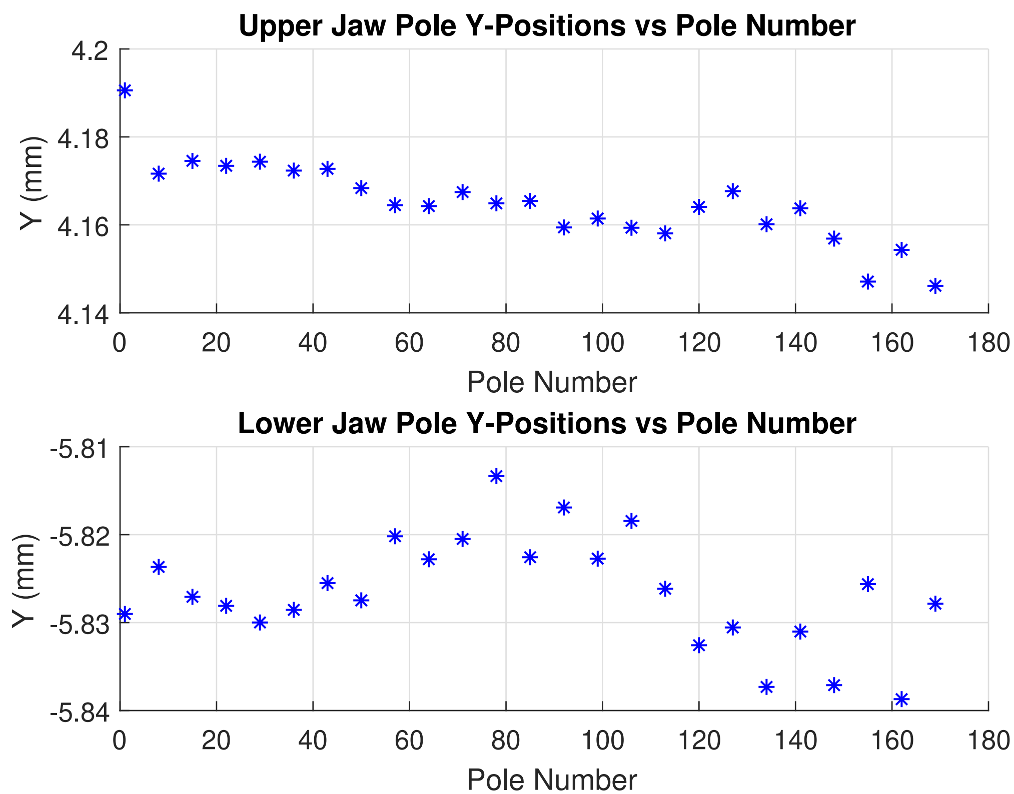
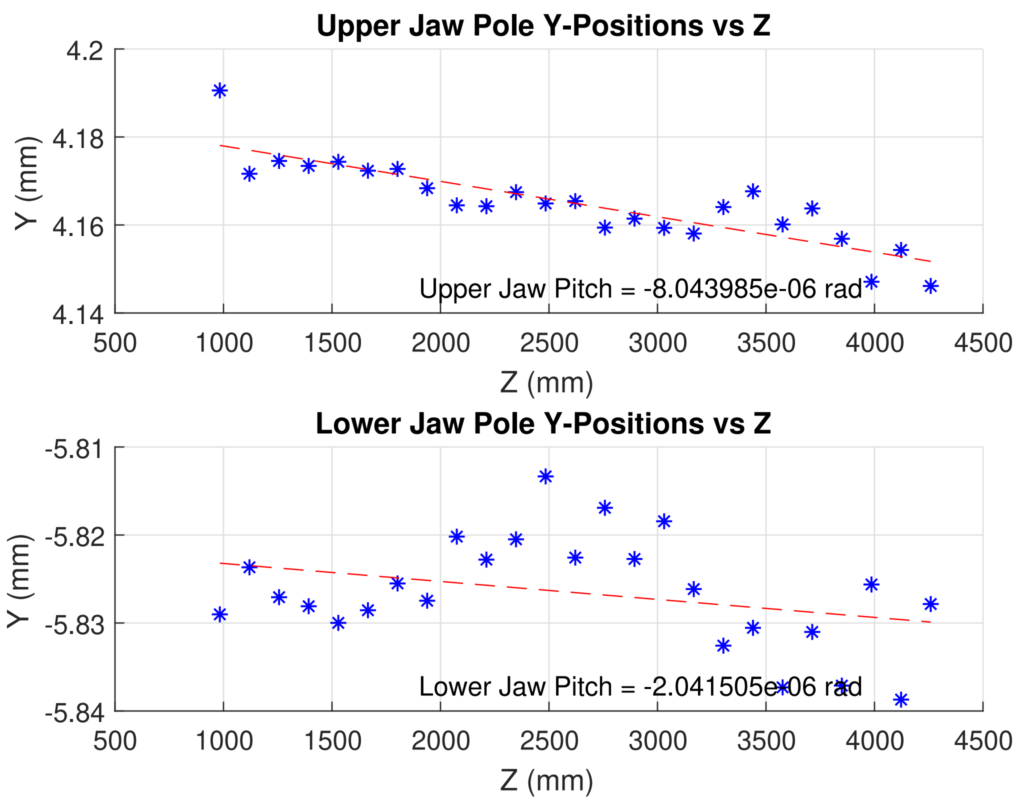
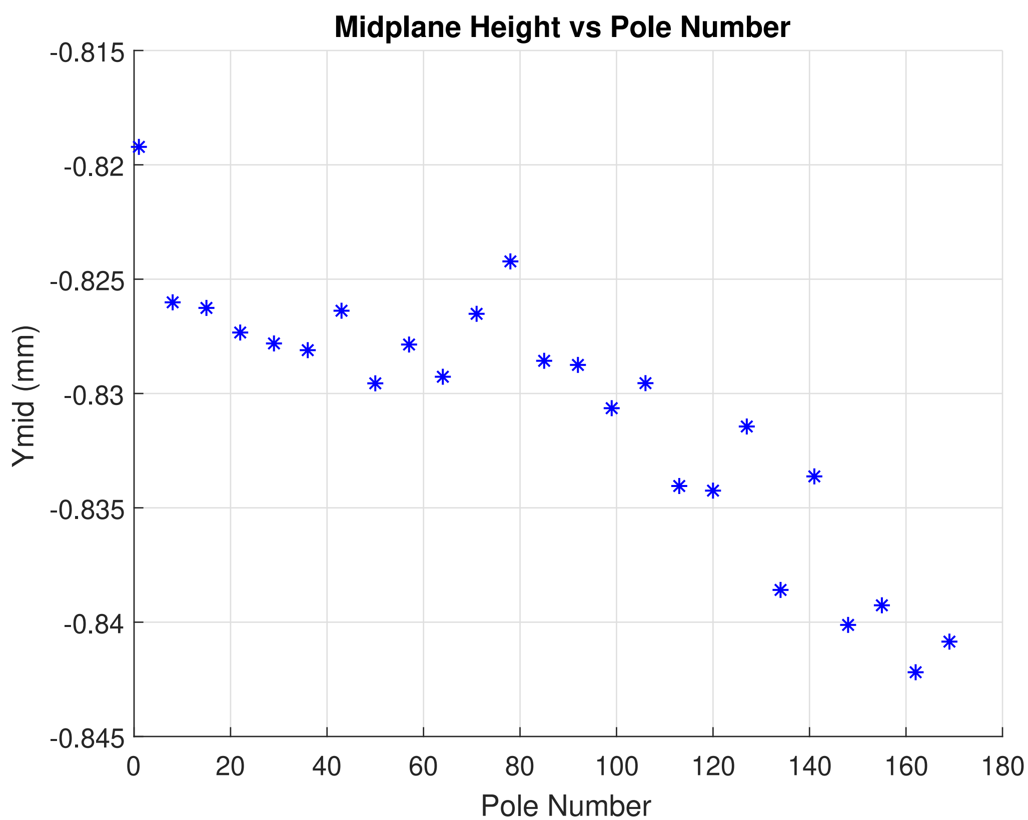
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:48:07#

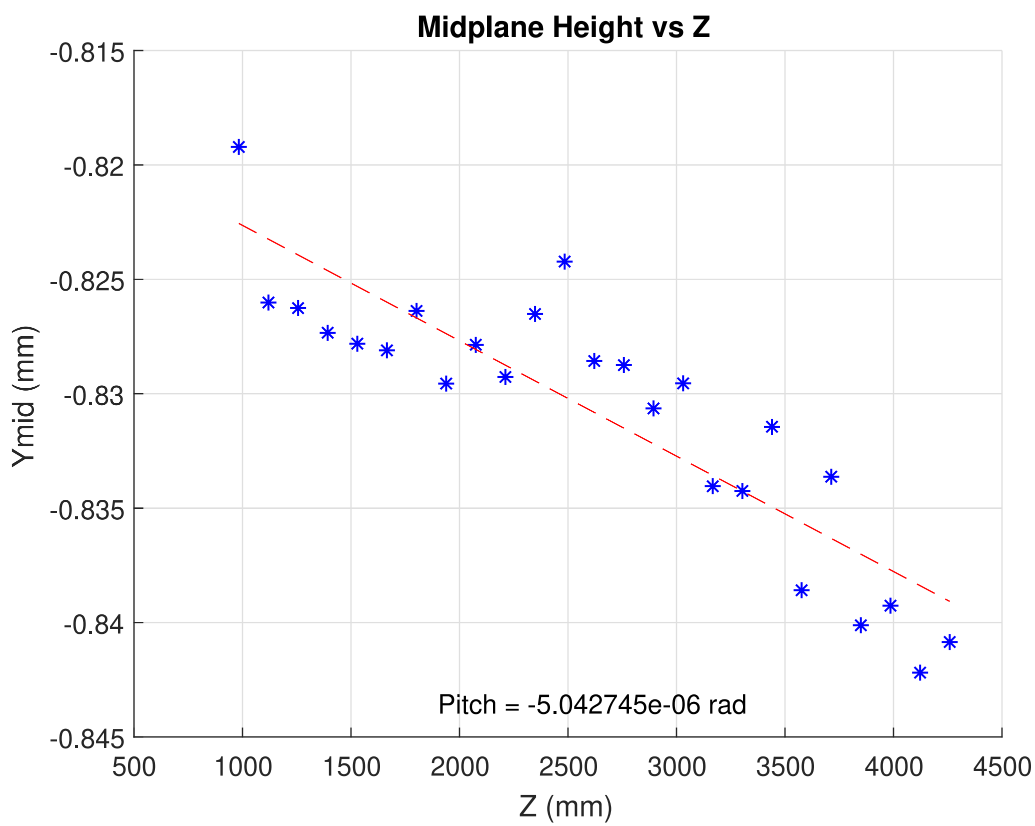

Upper Jaw Pole Y-Positions vs Pole Number
4.2
4.18
4.16
4.14
Y (mm)
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
-5.81
-5.82
-5.83
-5.84
Y (mm)
0
20
40
60
80
100
120
140
160
180
Pole Number



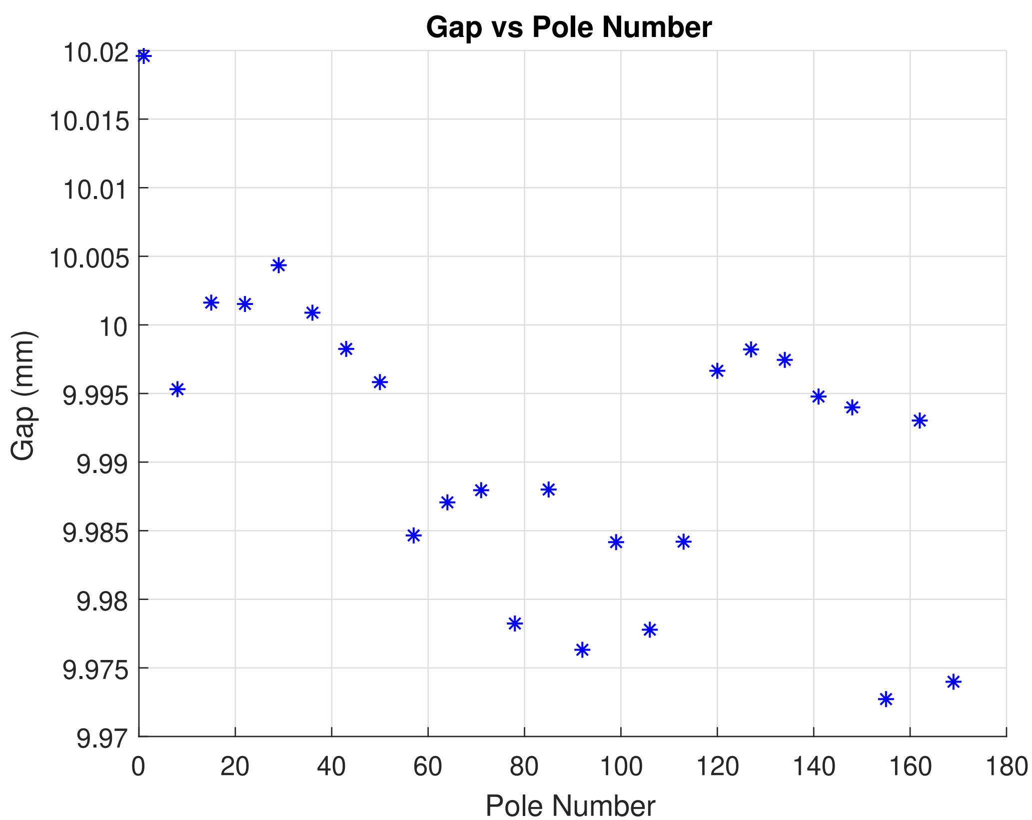
Upper Jaw Pole Y-Positions vs Z
Y (mm)
Z (mm)
Upper Jaw Pitch = -8.043985e-06 rad
4.2
4.18
4.16
4.14
500
1000
1500
2000
2500
3000
3500
4000
4500
Lower Jaw Pole Y-Positions vs Z
Y (mm)
Z (mm)
Lower Jaw Pitch = -2.041505e-06 rad
-5.81
-5.82
-5.83
-5.84

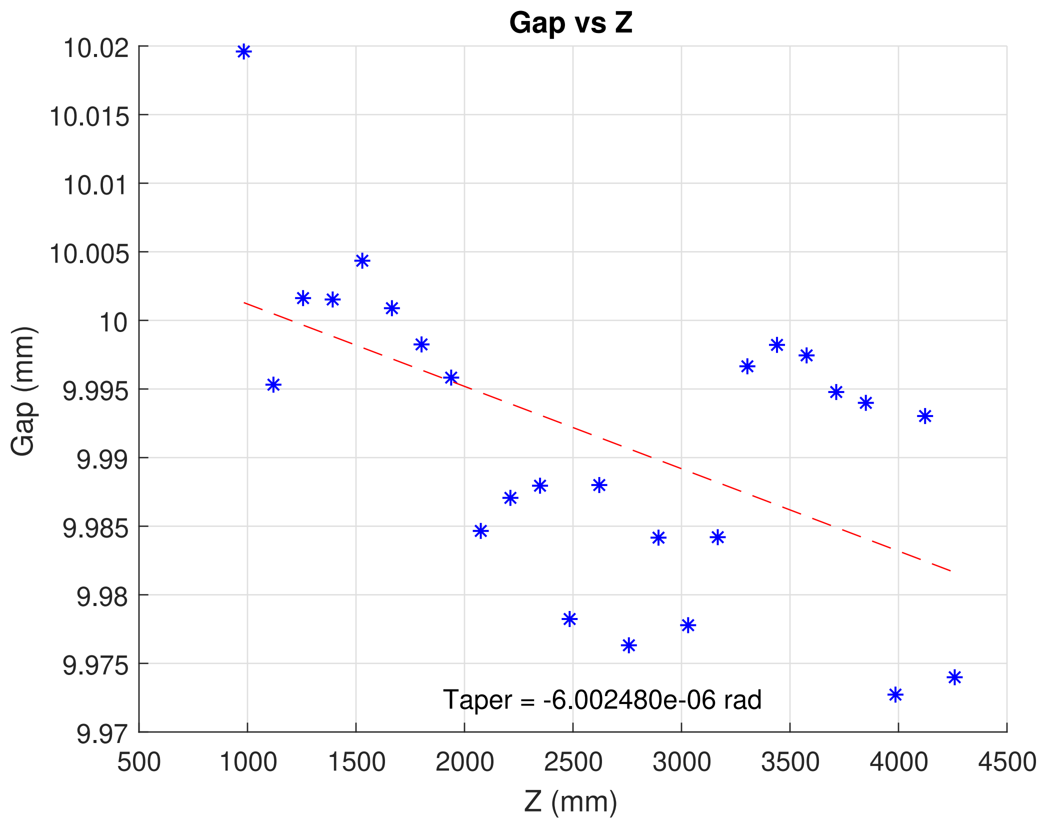


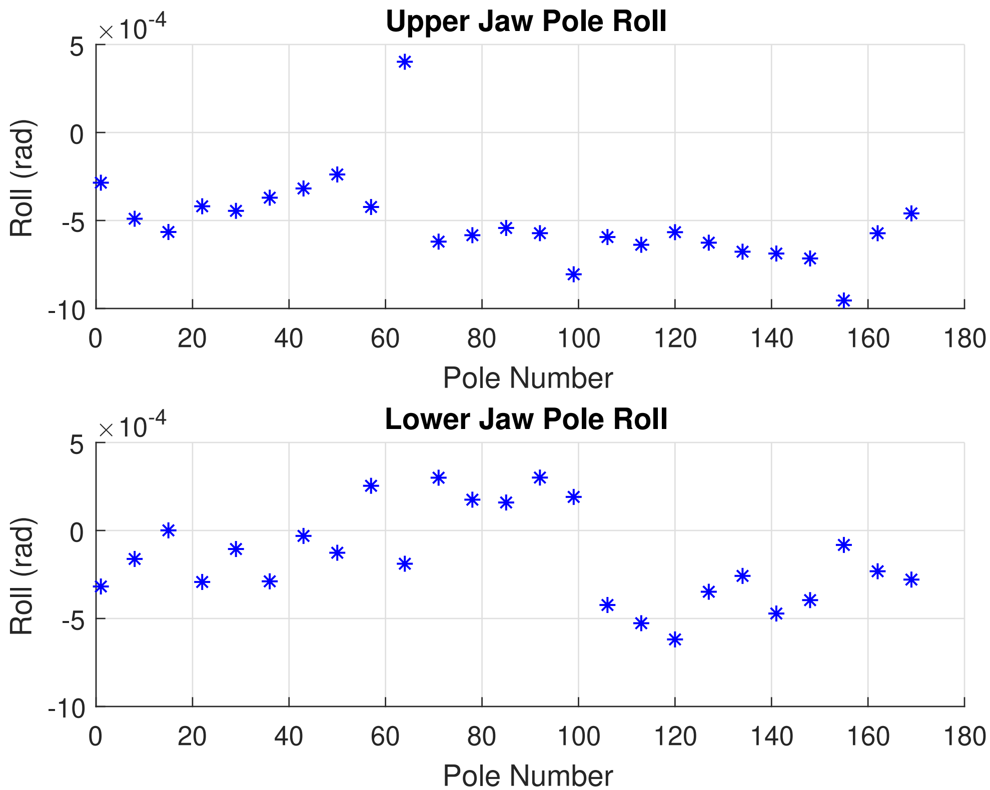
Midplane Height vs Pole Number
-0.815
-0.82
-0.825
-0.83
-0.835
-0.84
-0.845
Ymid (mm)
0
20
40
60
80
100
120
140
160
180
Pole Number



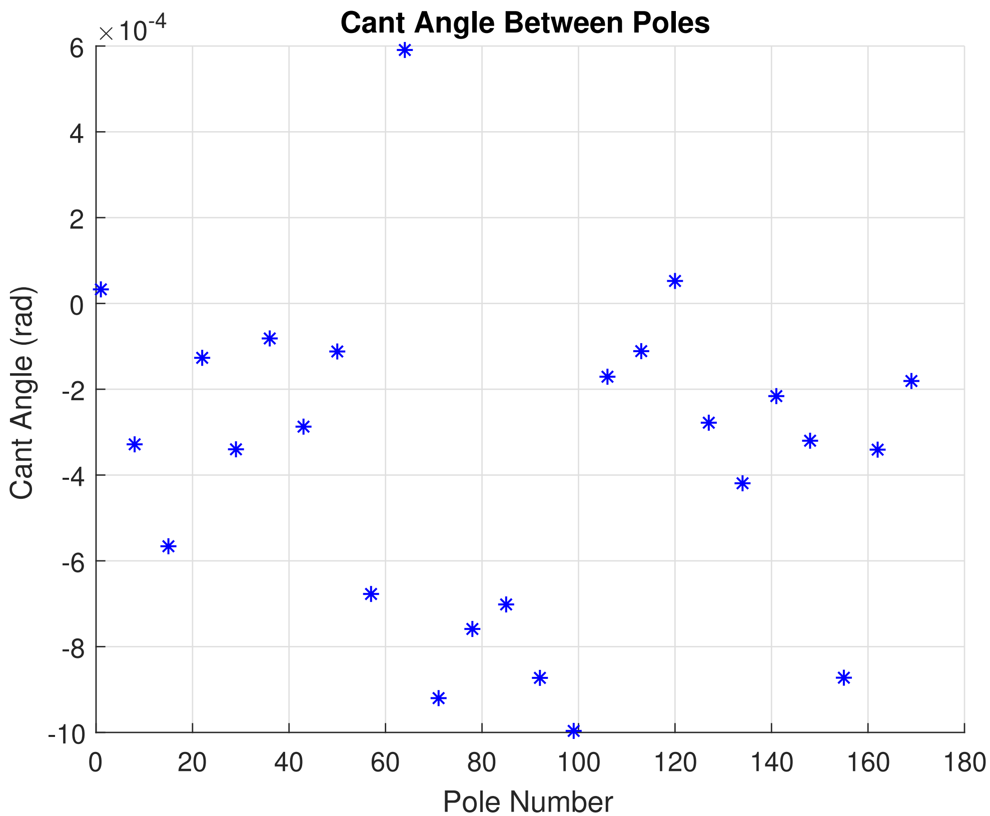
Midplane Height vs Z
-0.815
-0.82
-0.825
-0.83
-0.835
-0.84
-0.845
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = -5.042745e-06 rad


Gap vs Pole Number
Gap (mm)
10.02
10.015
10.01
10.005
10
9.995
9.99
9.985
9.98
9.975
9.97
0
20
40
60
80
100
120
140
160
180
Pole Number


Gap vs Z
10.02
10.015
10.01
10.005
10
9.995
9.99
9.985
9.98
9.975
9.97
Gap (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -6.002480e-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