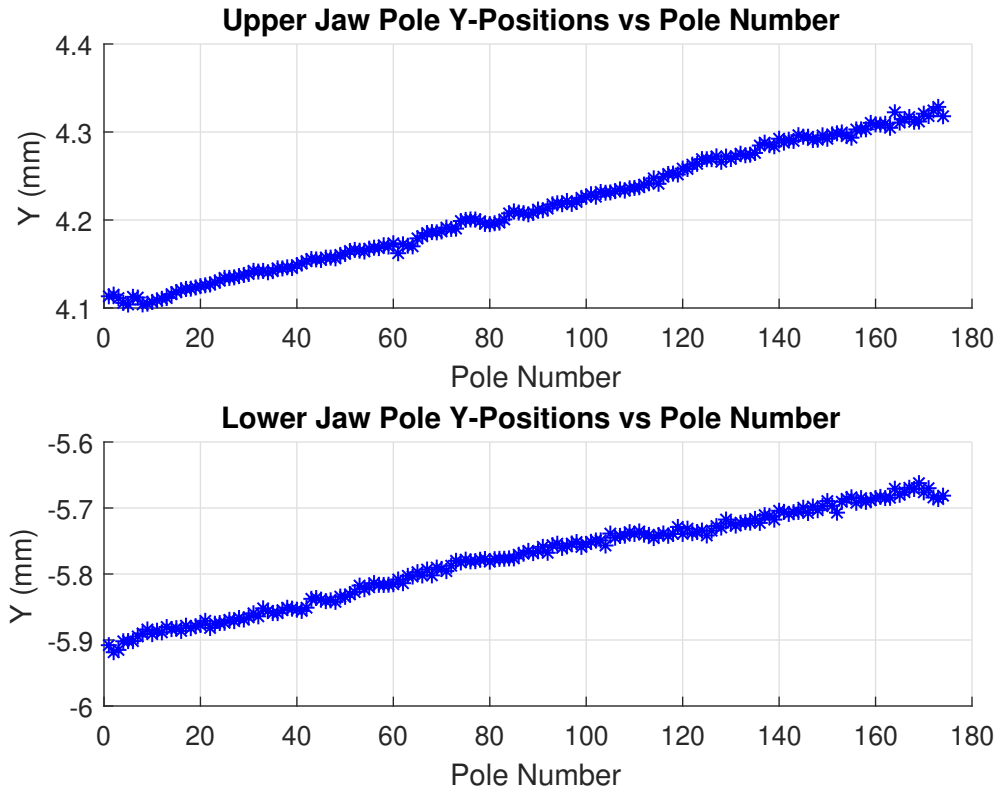
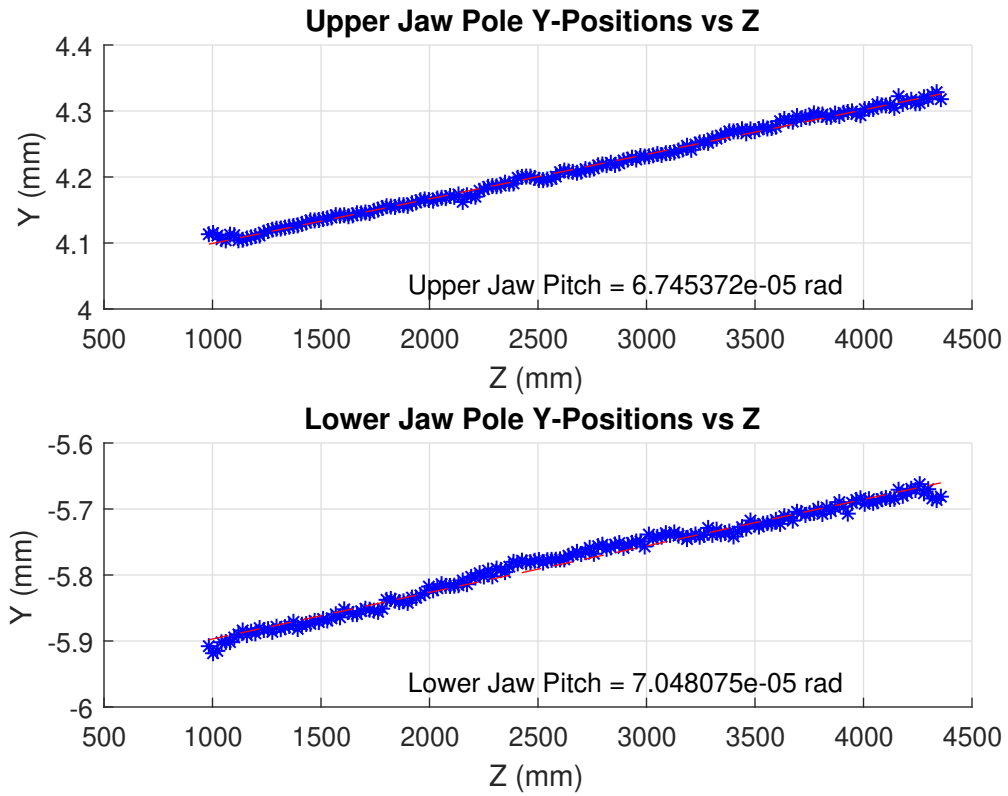
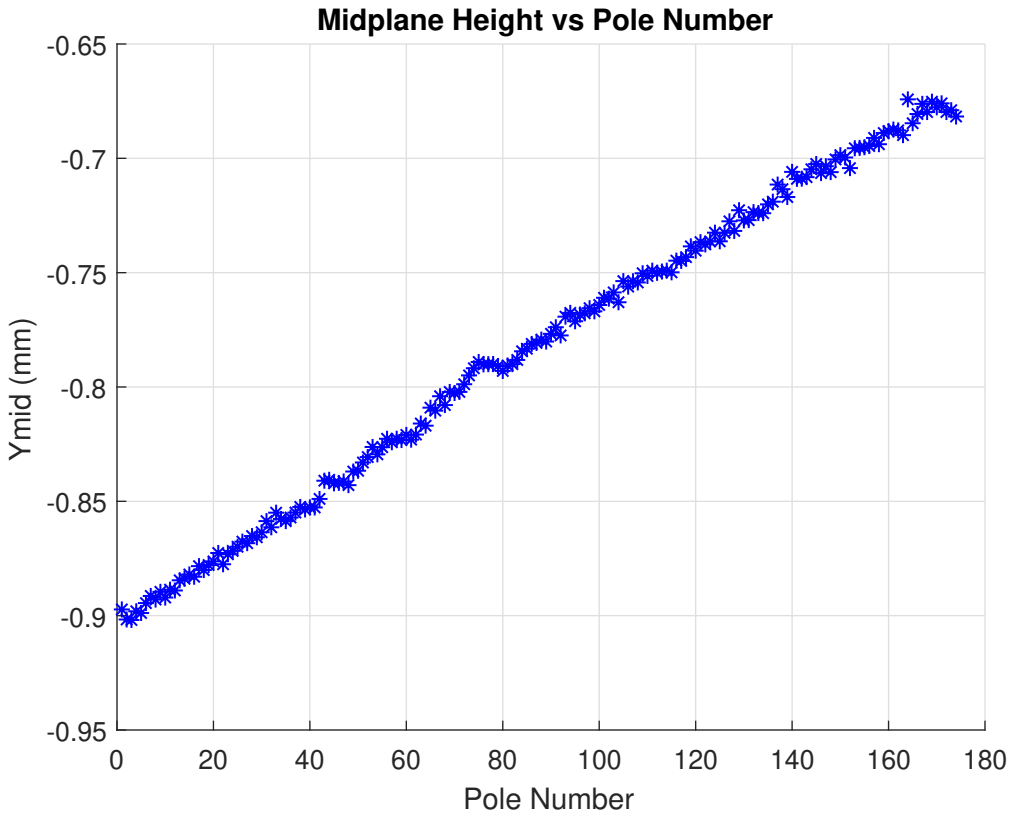
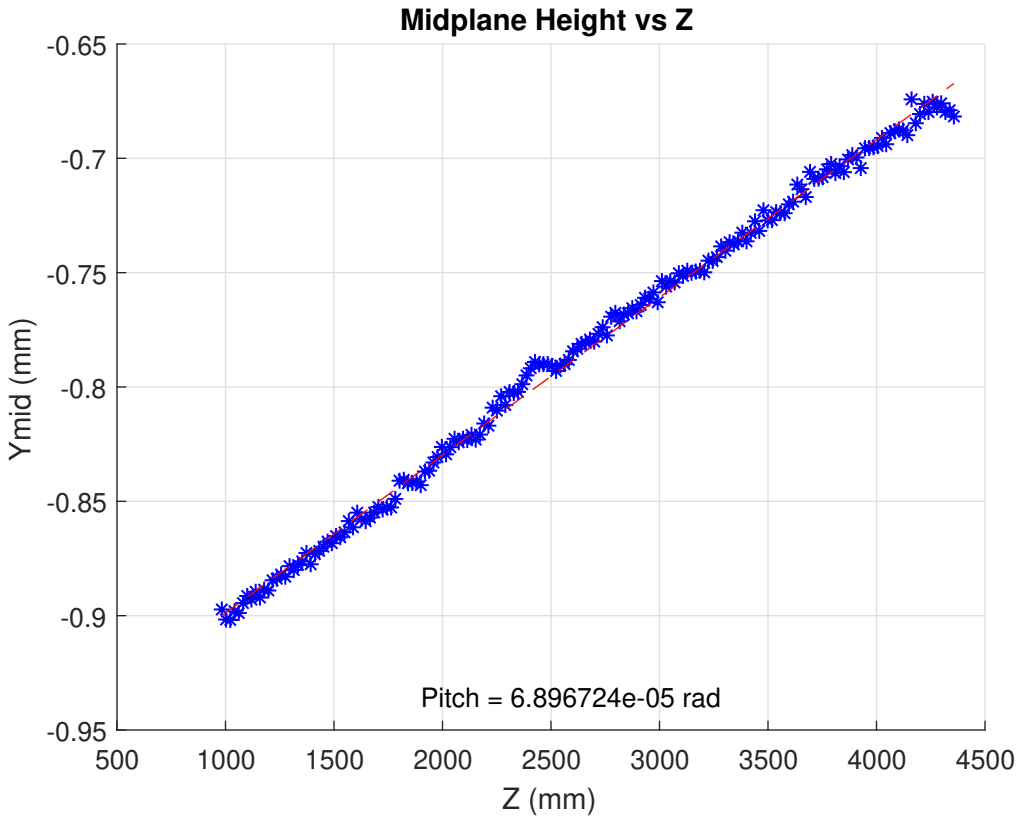
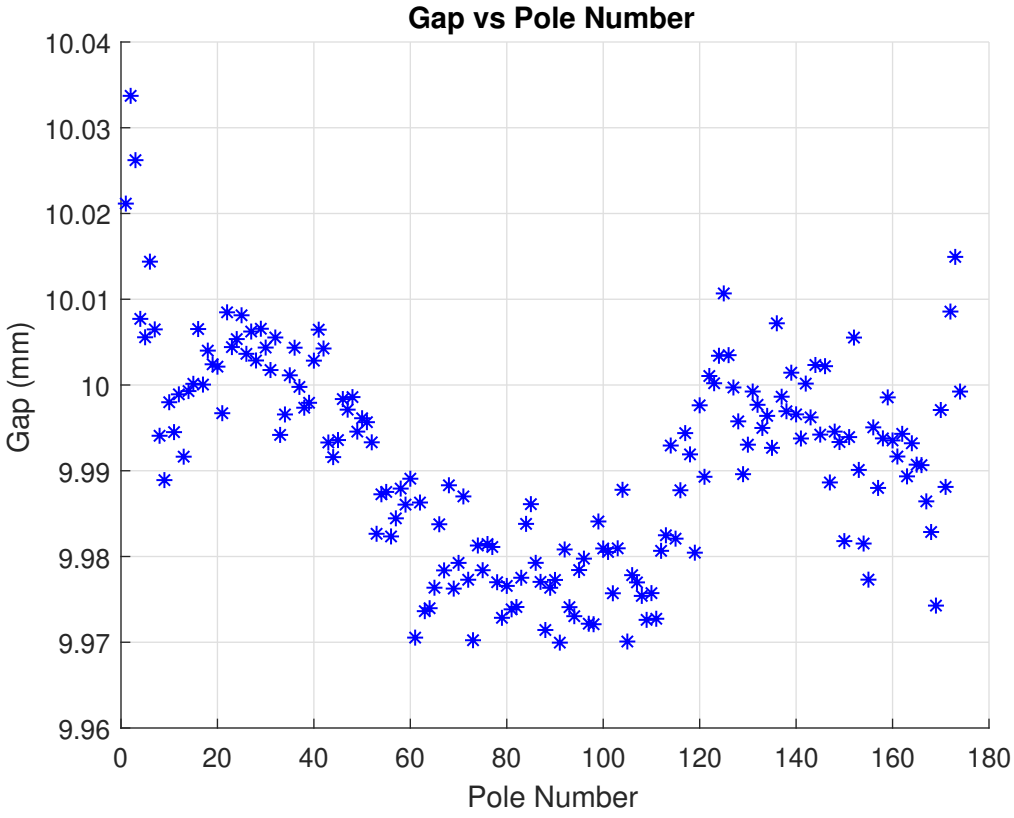
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:48:12#

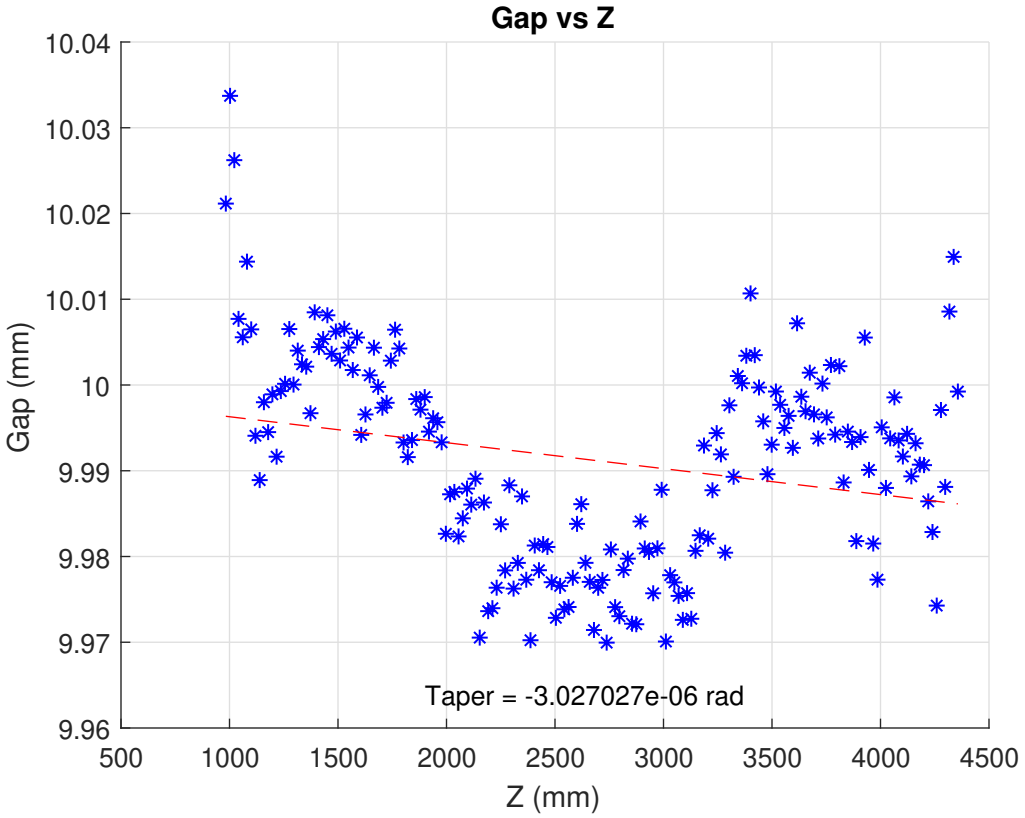

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
4.4
4.3
4.2
4.1
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-5.6
-5.7
-5.8
-5.9
-6
0
20
40
60
80
100
120
140
160
180
Pole Number

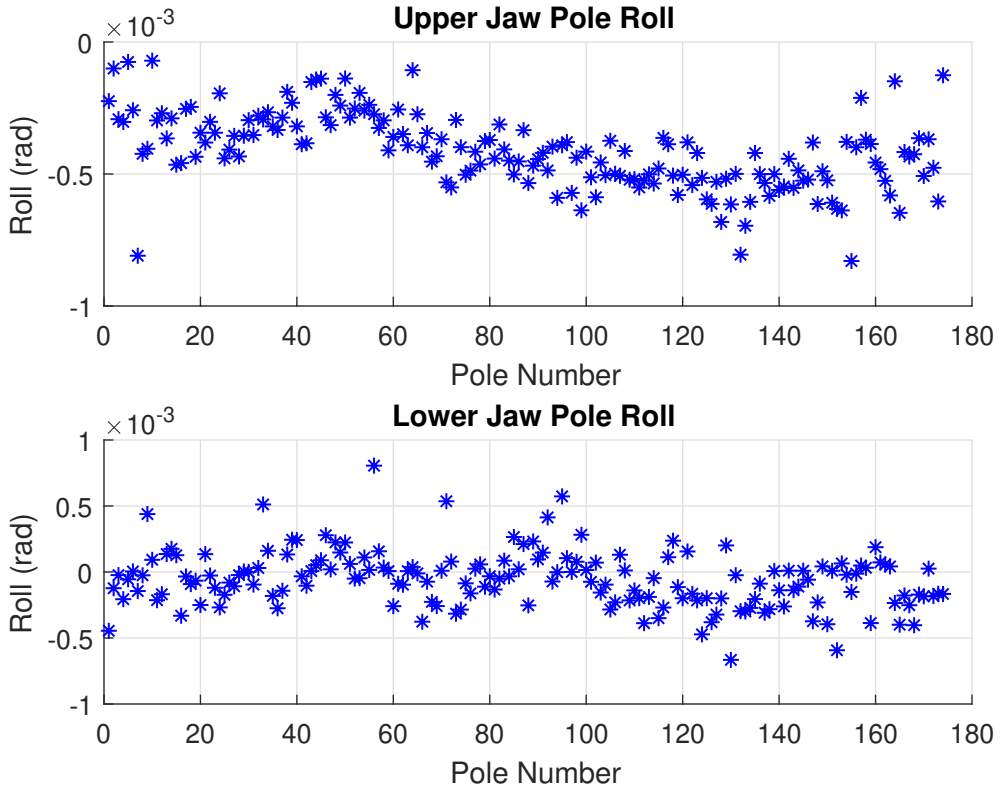

Upper Jaw Pole Y-Positions vs Z
Y (mm)
4.4
4.3
4.2
4.1
4
Upper Jaw Pitch = 6.745372e-05 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-5.6
-5.7
-5.8
-5.9
-6
Lower Jaw Pitch = 7.048075e-05 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

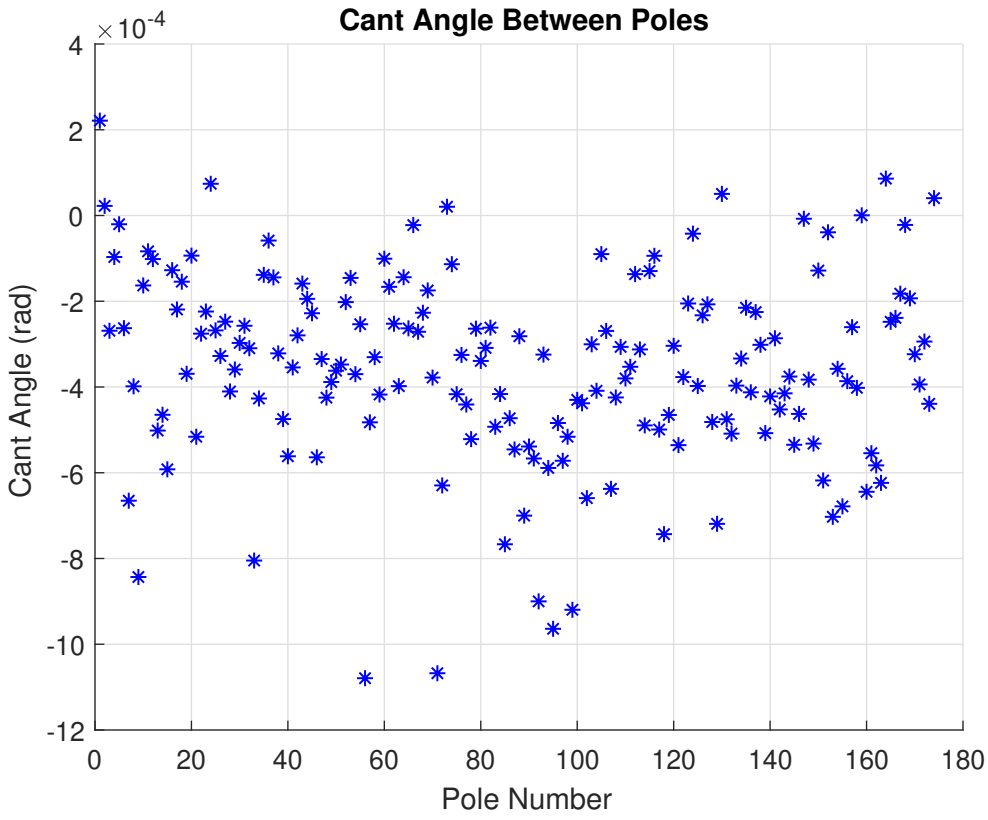

Midplane Height vs Pole Number
-0.65
-0.7
-0.75
-0.8
-0.85
-0.9
-0.95
Ymid (mm)
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.65
-0.7
-0.75
-0.8
-0.85
-0.9
-0.95
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = 6.896724e-05 rad


Gap vs Pole Number
Gap (mm)
Pole Number
10.04
10.03
10.02
10.01
10
9.99
9.98
9.97
9.96
0
20
40
60
80
100
120
140
160
180


Gap vs Z
Gap (mm)
Z (mm)
Taper = -3.027027e-06 rad
10.04
10.03
10.02
10.01
10
9.99
9.98
9.97
9.96
500
1000
1500
2000
2500
3000
3500
4000
4500


Upper Jaw Pole Roll
×10^-3
0
-0.5
-1
Roll (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Roll
×10^-3
1
0.5
0
-0.5
-1
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
Cant Angle (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number