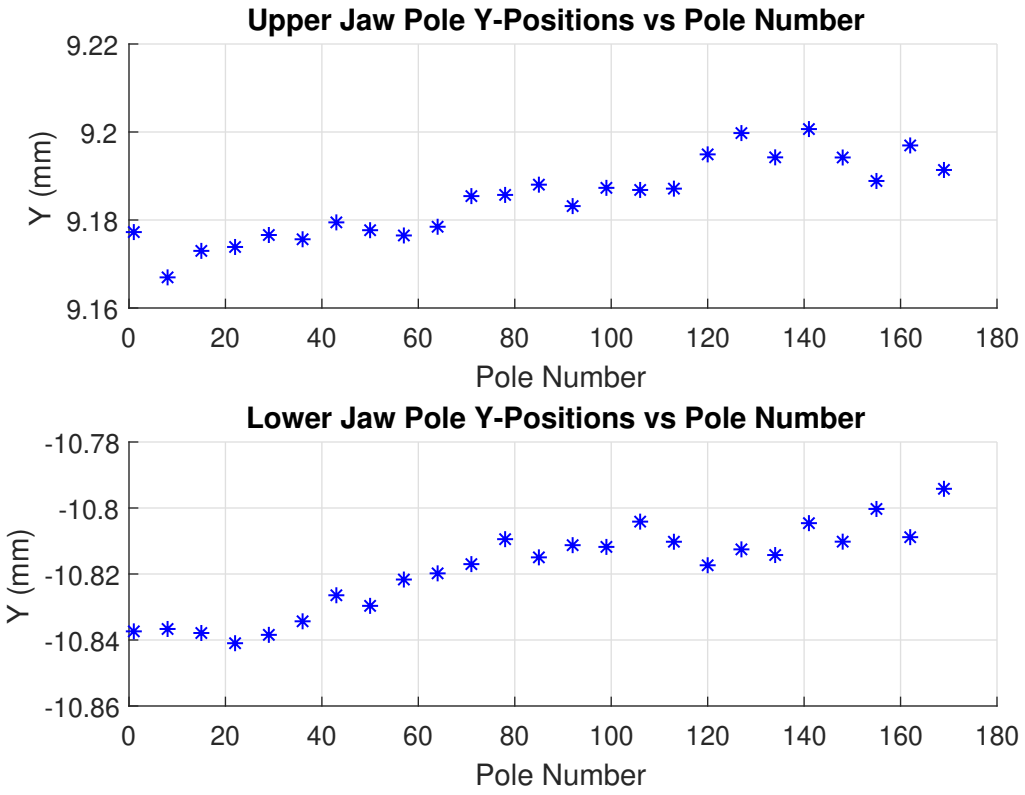
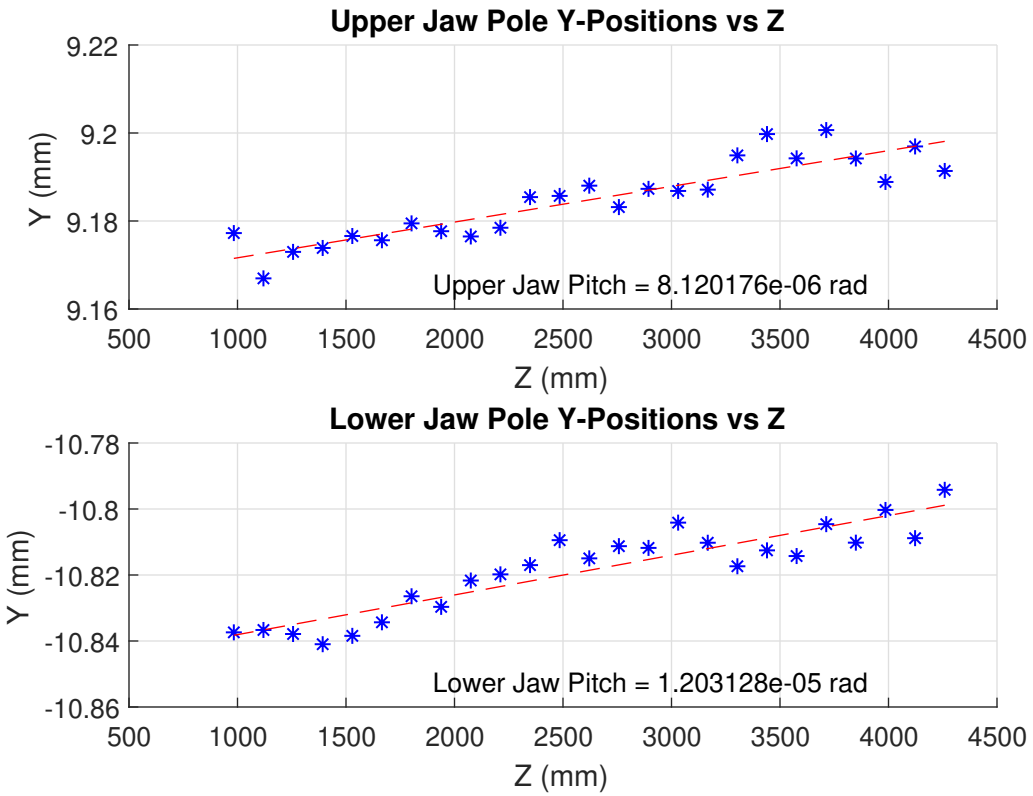
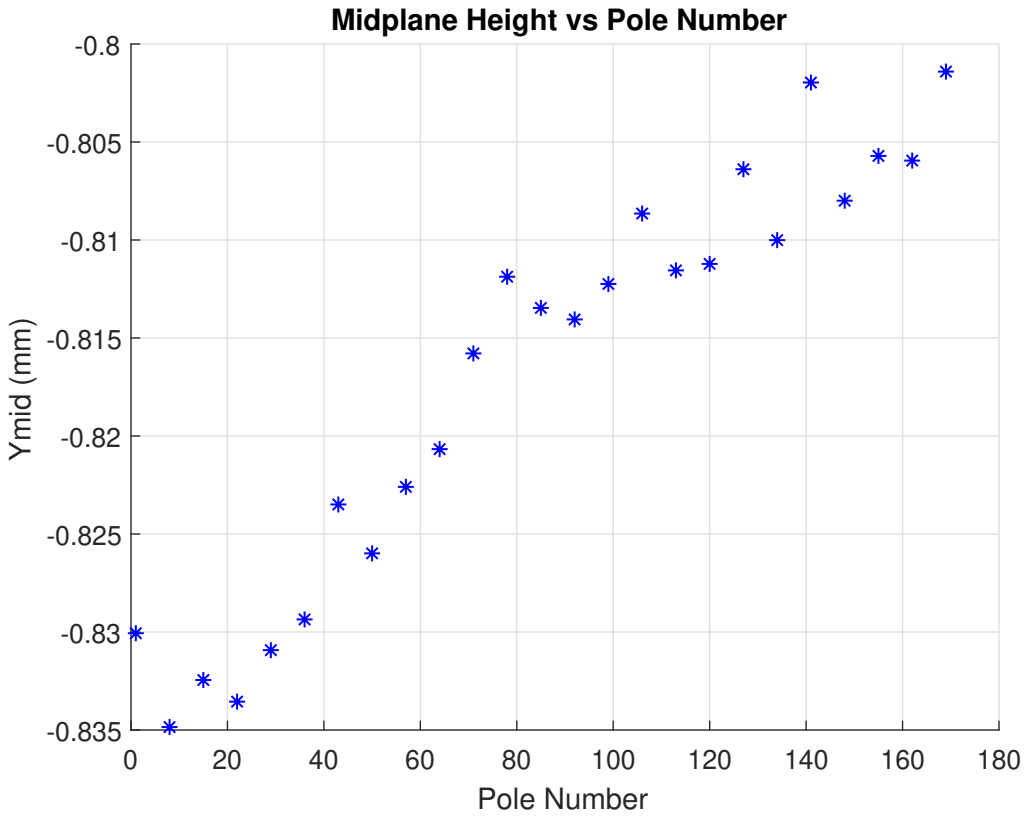
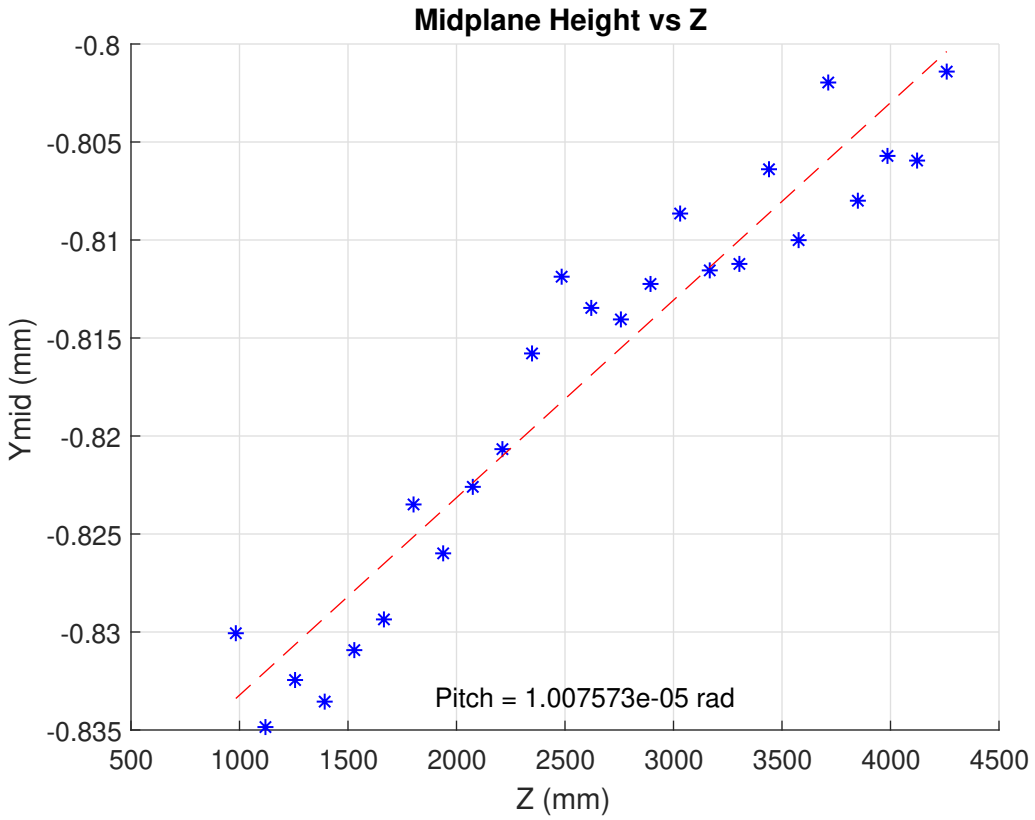
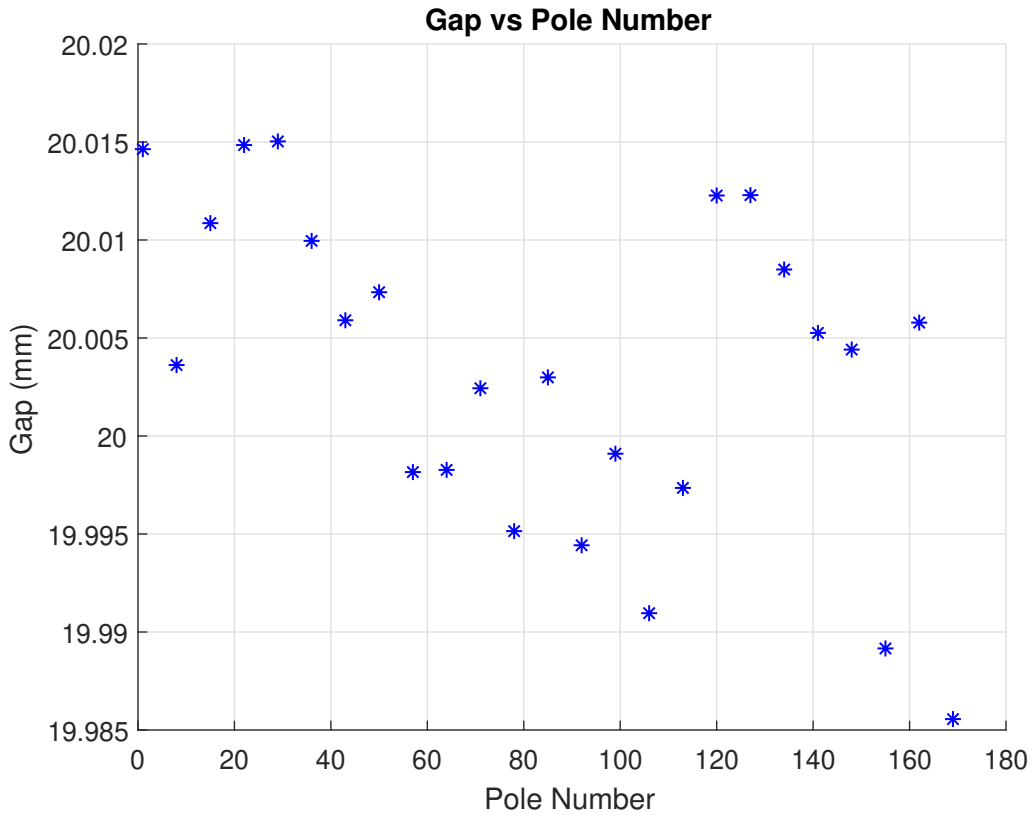
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:48:51#

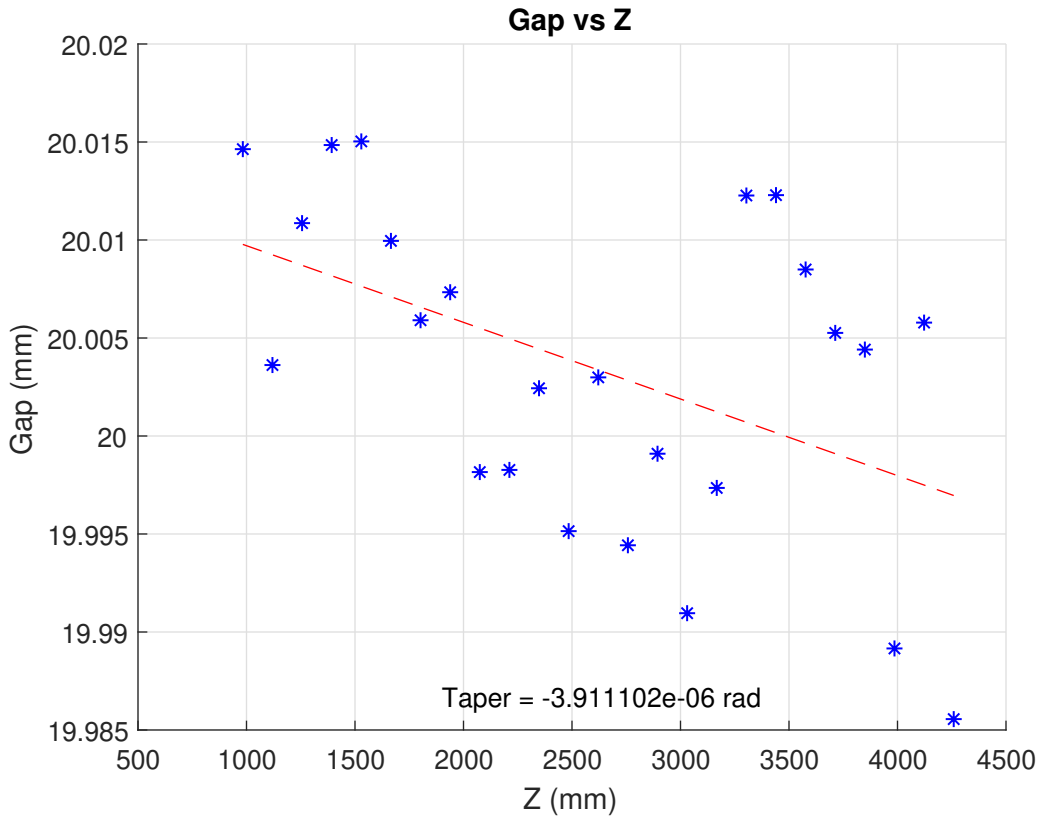

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
9.22
9.2
9.18
9.16
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-10.78
-10.8
-10.82
-10.84
-10.86
0
20
40
60
80
100
120
140
160
180
Pole Number

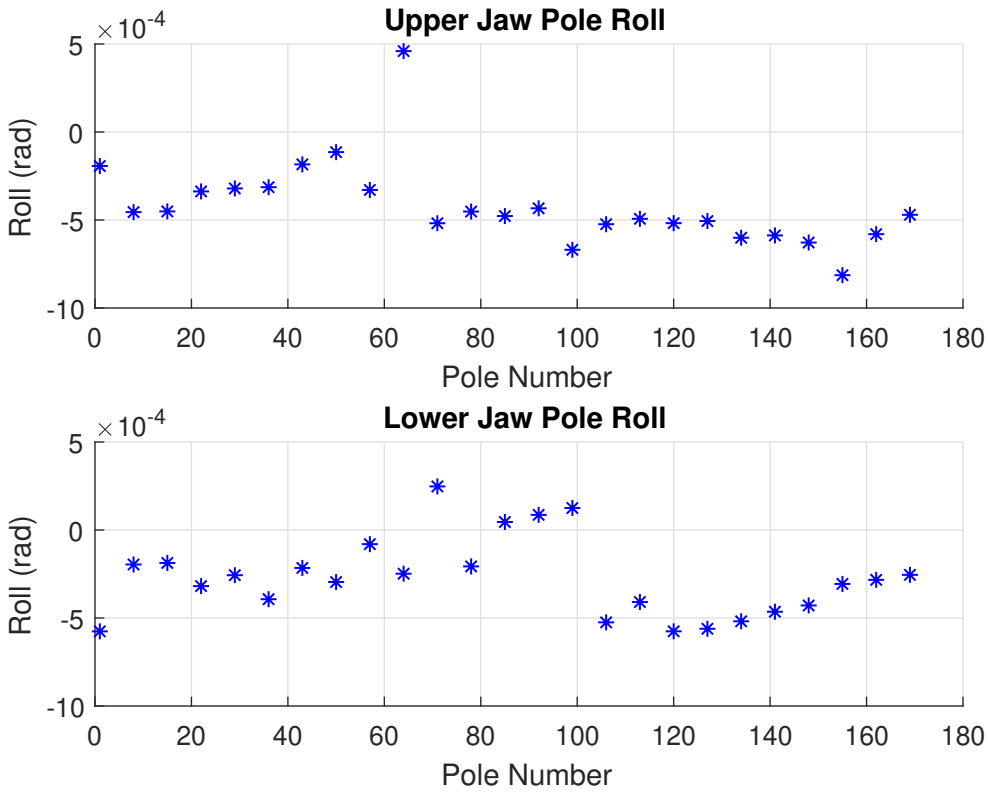

Upper Jaw Pole Y-Positions vs Z
9.22
9.2
9.18
9.16
Y (mm)
Upper Jaw Pitch = 8.120176e-06 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
-10.78
-10.8
-10.82
-10.84
-10.86
Y (mm)
Lower Jaw Pitch = 1.203128e-05 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

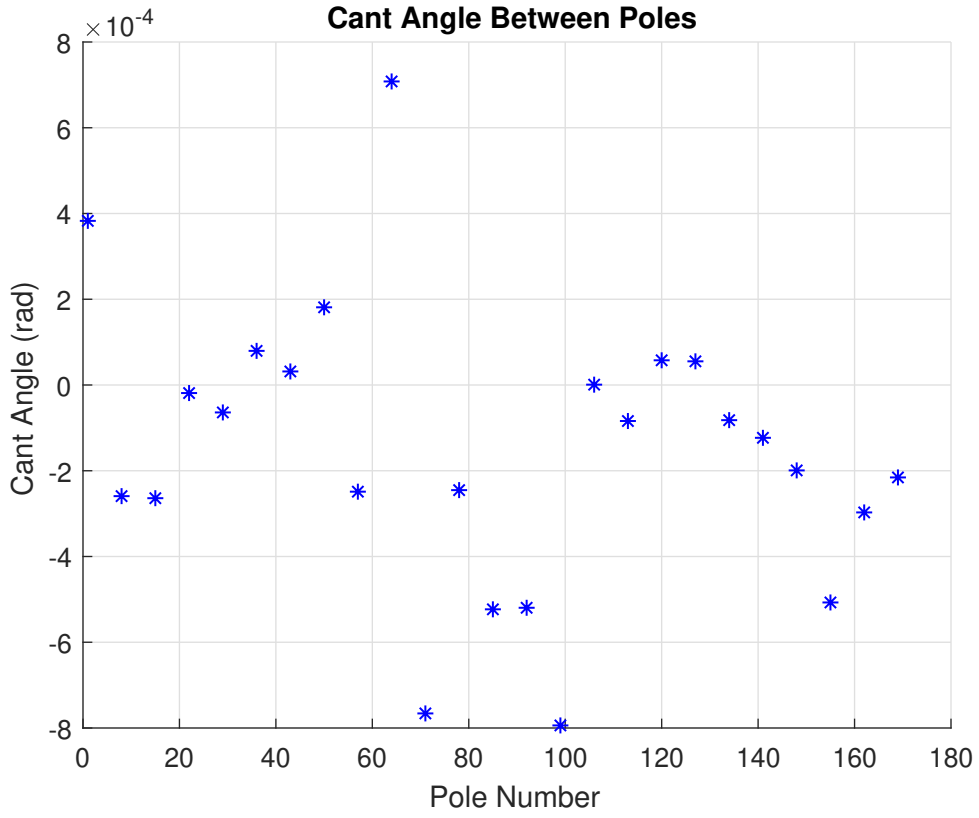

Midplane Height vs Pole Number
Ymid (mm)
-0.8
-0.805
-0.81
-0.815
-0.82
-0.825
-0.83
-0.835
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
Ymid (mm)
Z (mm)
Pitch = 1.007573e-05 rad
-0.8
-0.805
-0.81
-0.815
-0.82
-0.825
-0.83
-0.835
500
1000
1500
2000
2500
3000
3500
4000
4500


Gap vs Pole Number
Gap (mm)
Pole Number
20.02
20.015
20.01
20.005
20
19.995
19.99
19.985
0
20
40
60
80
100
120
140
160
180


Gap vs Z
Gap (mm)
Z (mm)
Taper = -3.911102e-06 rad
20.02
20.015
20.01
20.005
20
19.995
19.99
19.985
500
1000
1500
2000
2500
3000
3500
4000
4500


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
8
6
4
2
0
-2
-4
-6
-8
Cant Angle (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number