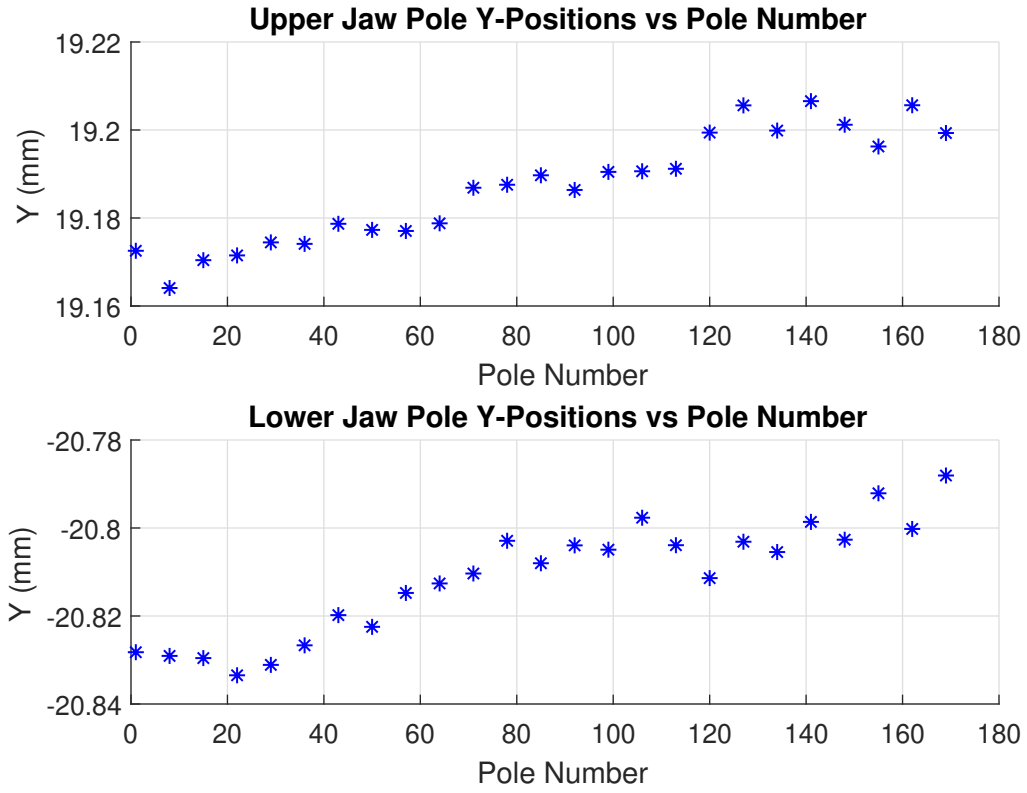
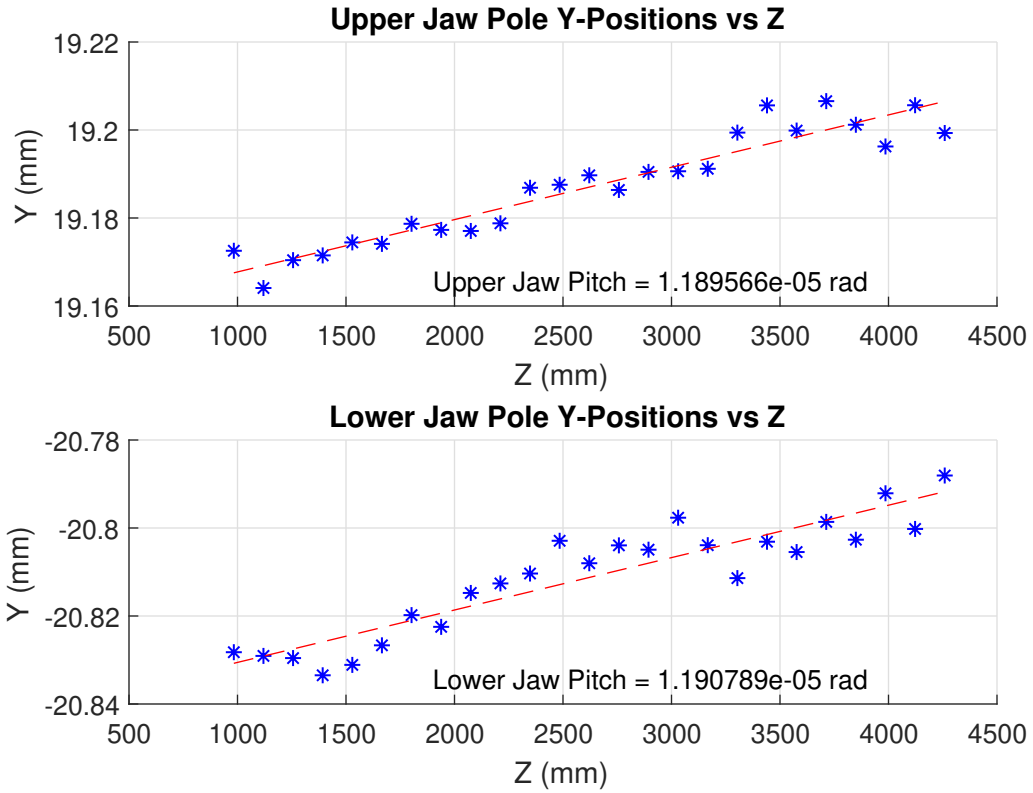
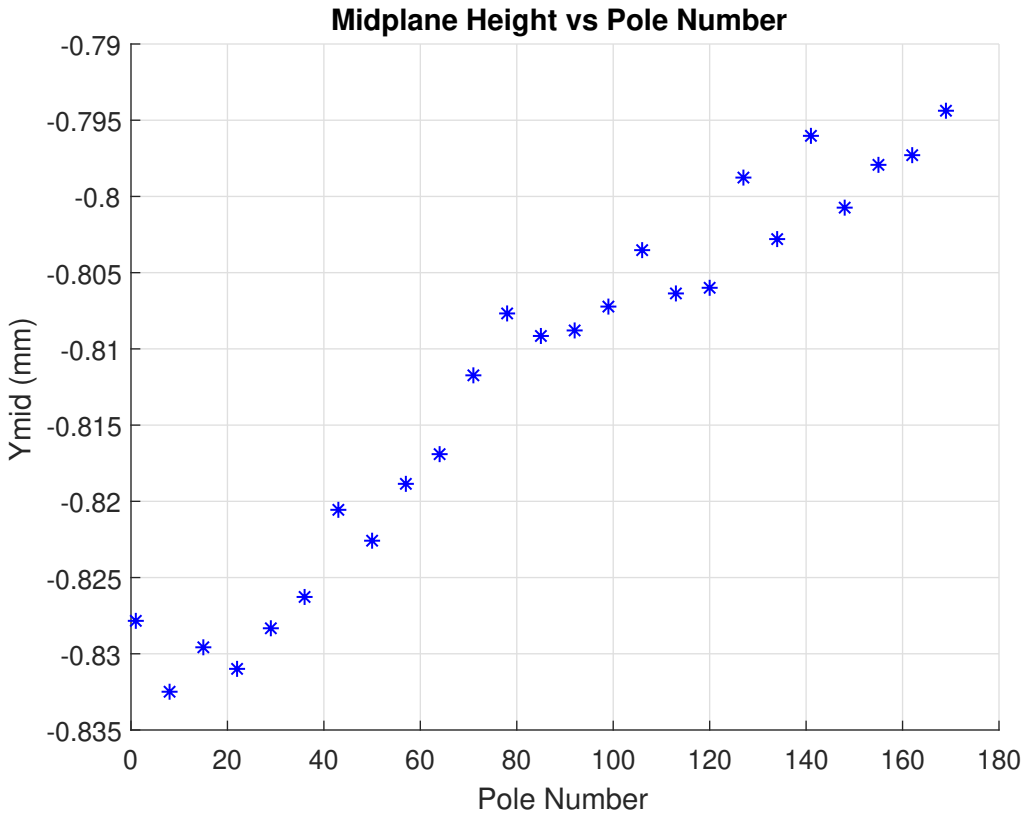
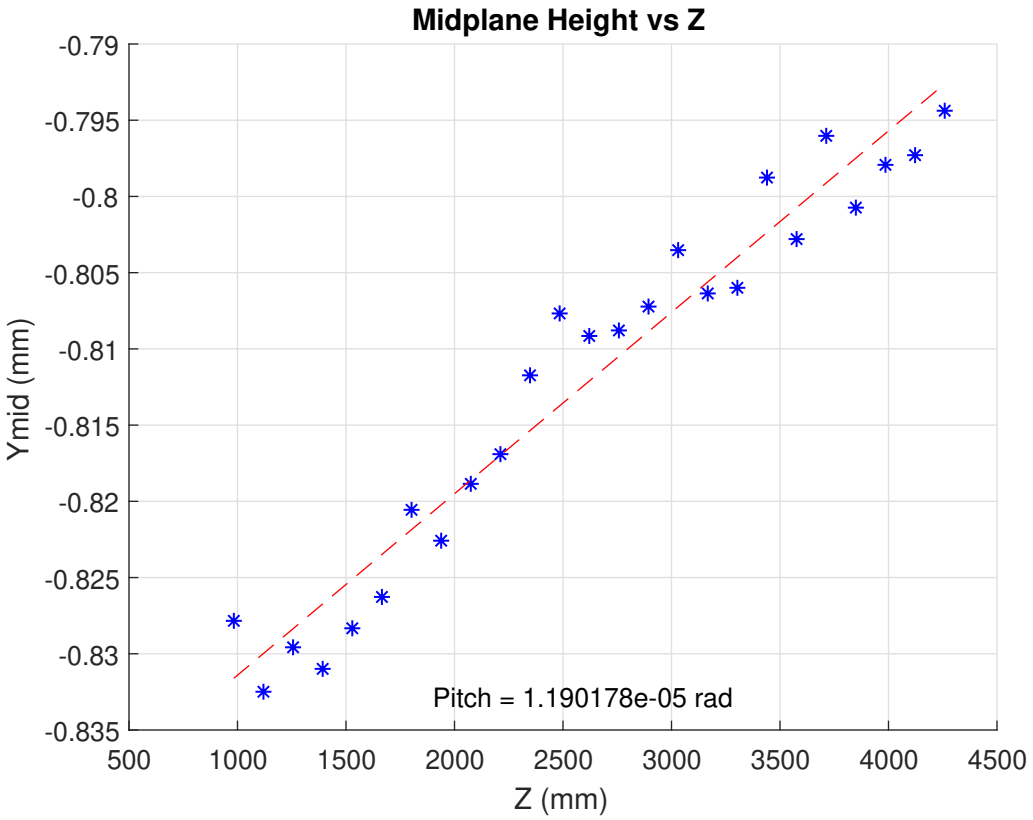
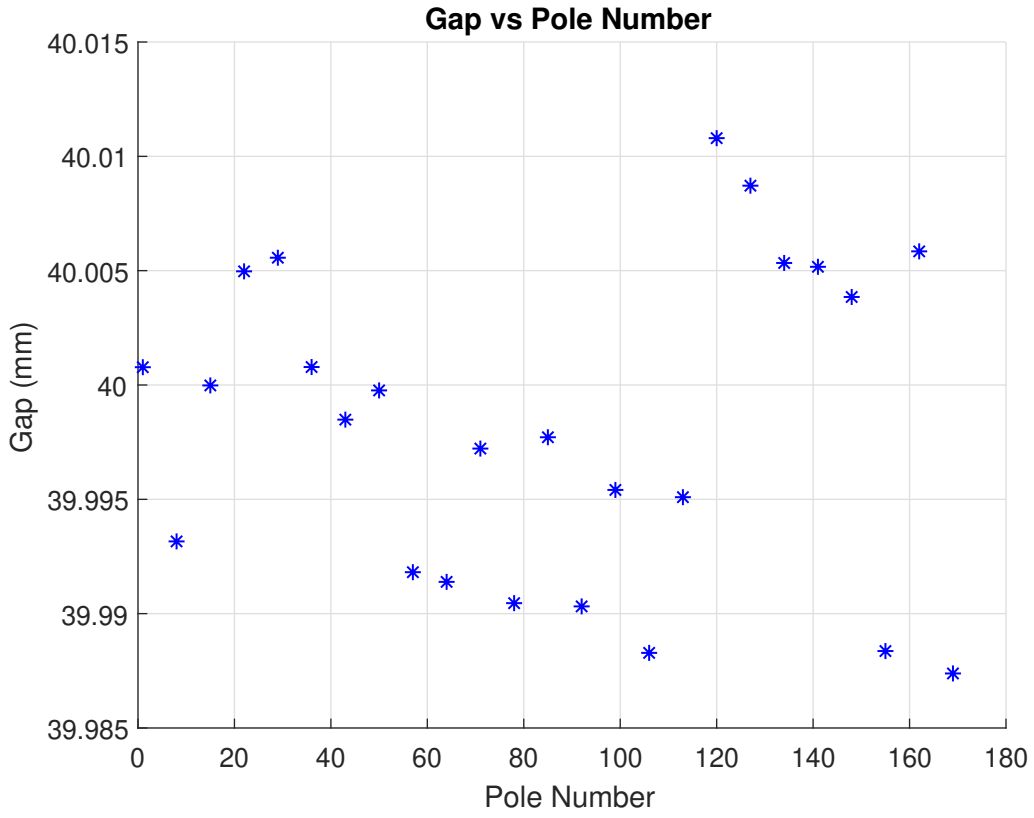
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:49:08#

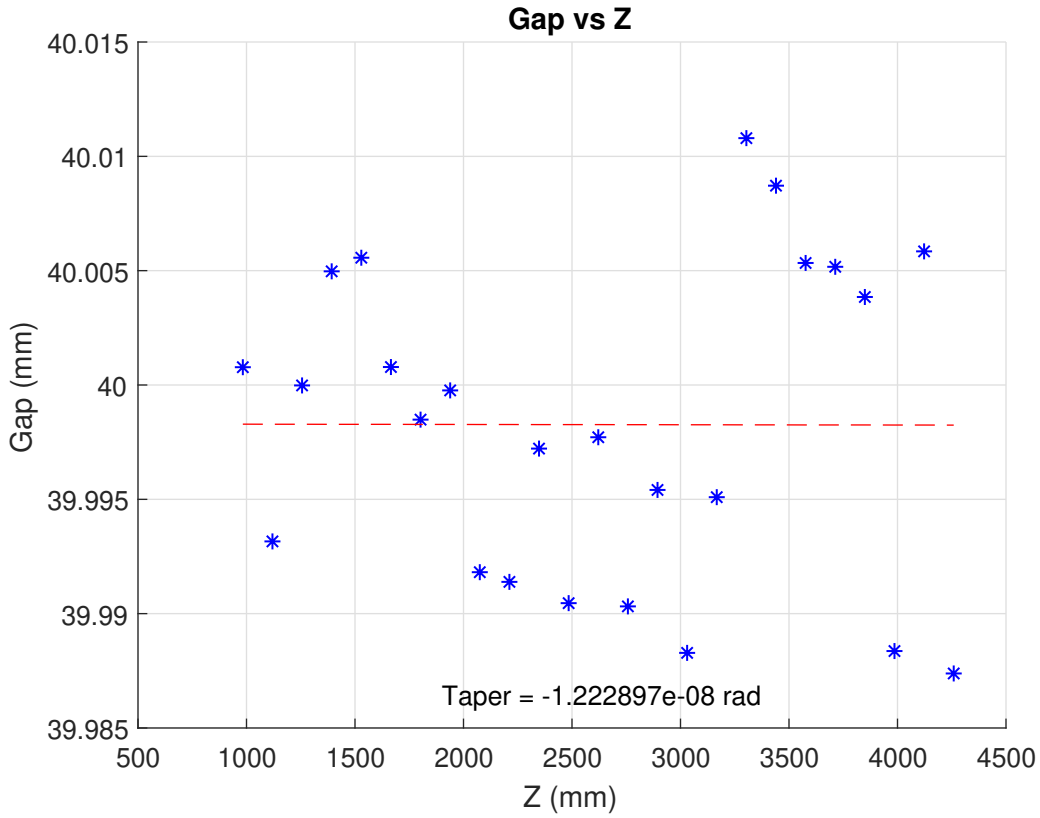

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
19.22
19.2
19.18
19.16
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-20.78
-20.8
-20.82
-20.84
0
20
40
60
80
100
120
140
160
180
Pole Number

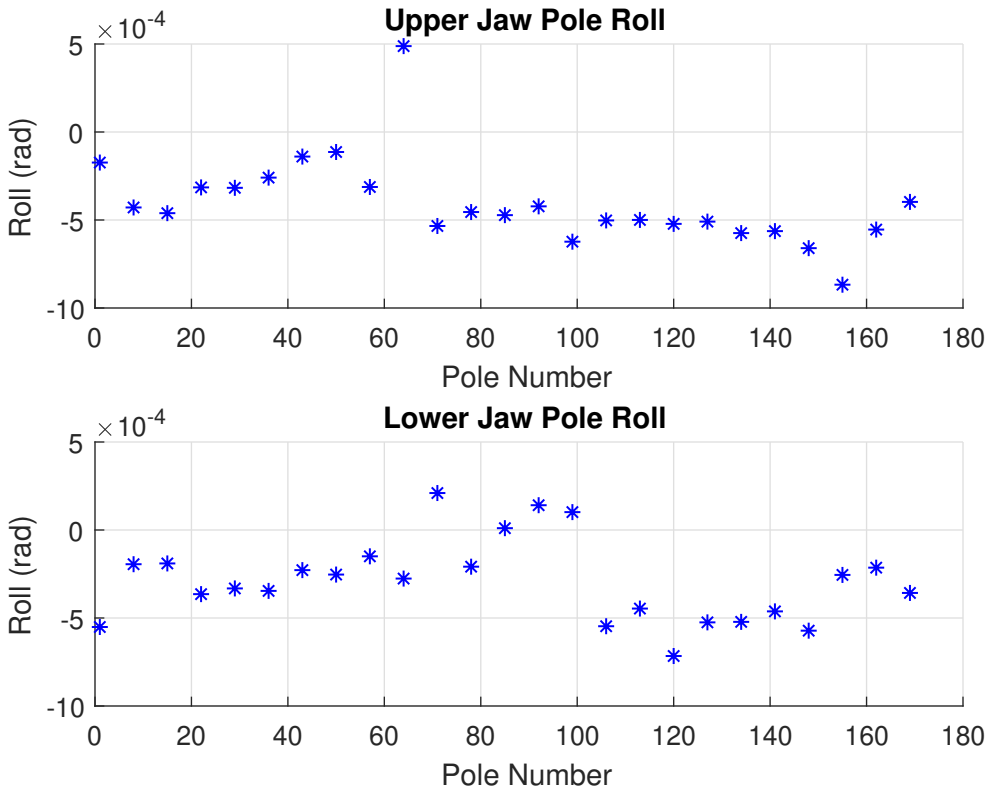

Upper Jaw Pole Y-Positions vs Z
19.22
19.2
19.18
19.16
Y (mm)
Upper Jaw Pitch = 1.189566e-05 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
-20.78
-20.8
-20.82
-20.84
Y (mm)
Lower Jaw Pitch = 1.190789e-05 rad
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

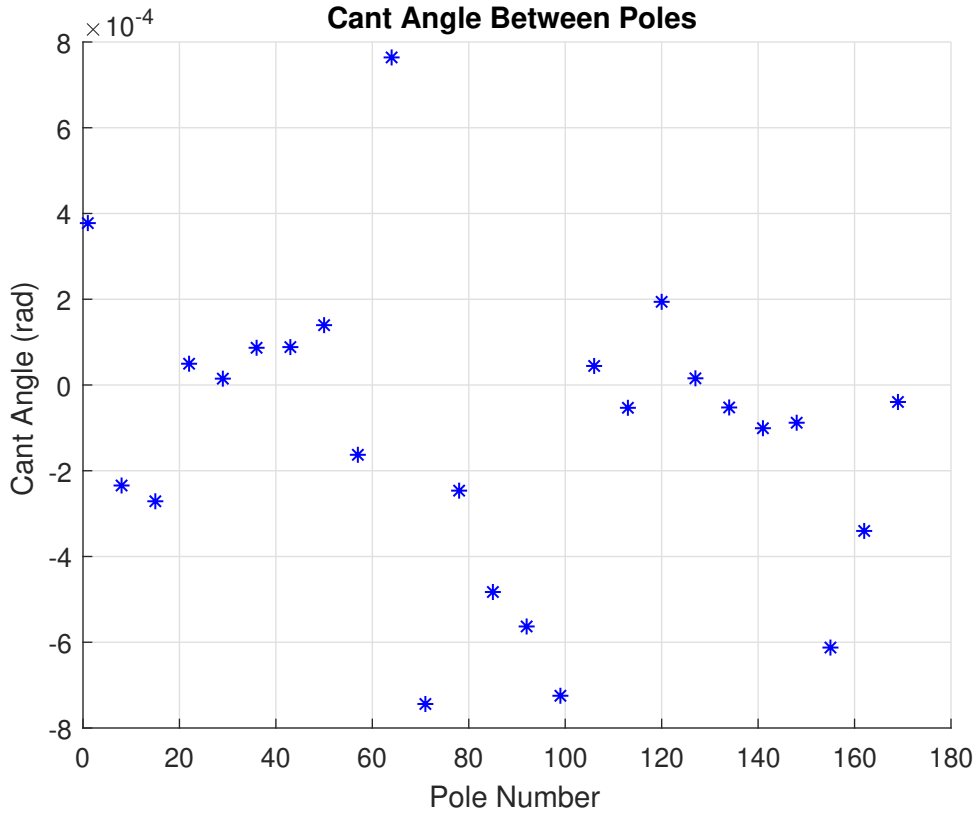

Midplane Height vs Pole Number
Ymid (mm)
-0.79
-0.795
-0.8
-0.805
-0.81
-0.815
-0.82
-0.825
-0.83
-0.835
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.79
-0.795
-0.8
-0.805
-0.81
-0.815
-0.82
-0.825
-0.83
-0.835
Ymid (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = 1.190178e-05 rad


Gap vs Pole Number
Gap (mm)
Pole Number
40.015
40.01
40.005
40
39.995
39.99
39.985
0
20
40
60
80
100
120
140
160
180


Gap vs Z
40.015
40.01
40.005
40
39.995
39.99
39.985
Gap (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -1.222897e-08 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
8
6
4
2
0
-2
-4
-6
-8
Cant Angle (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number