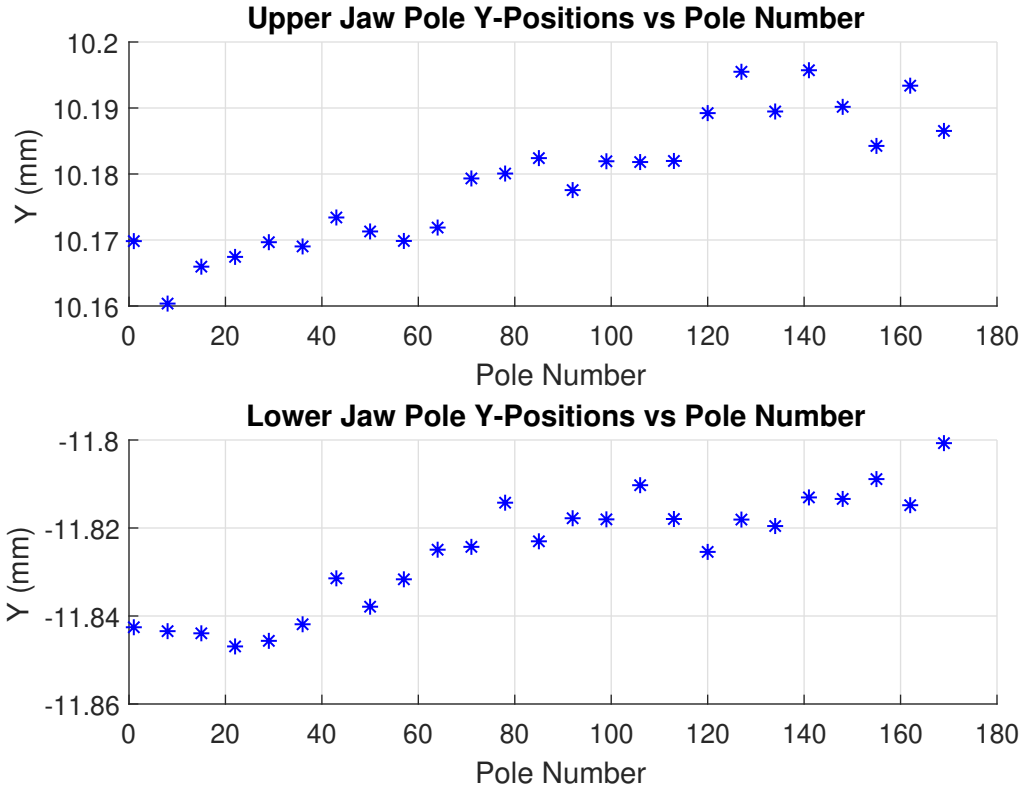
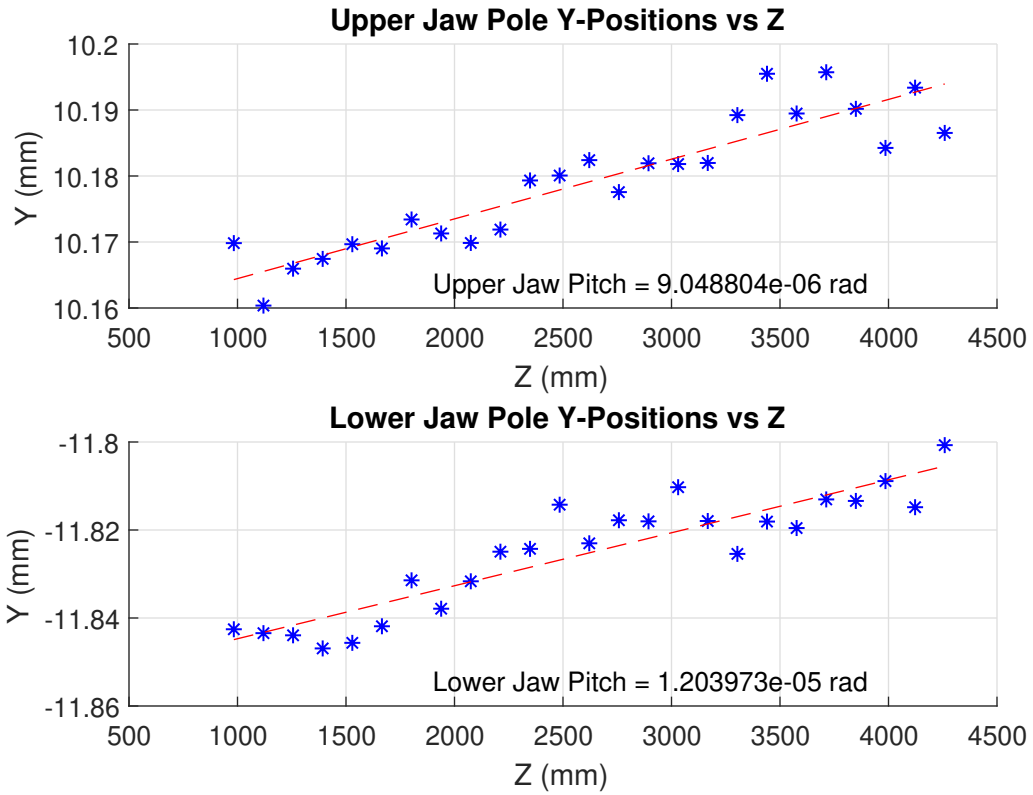
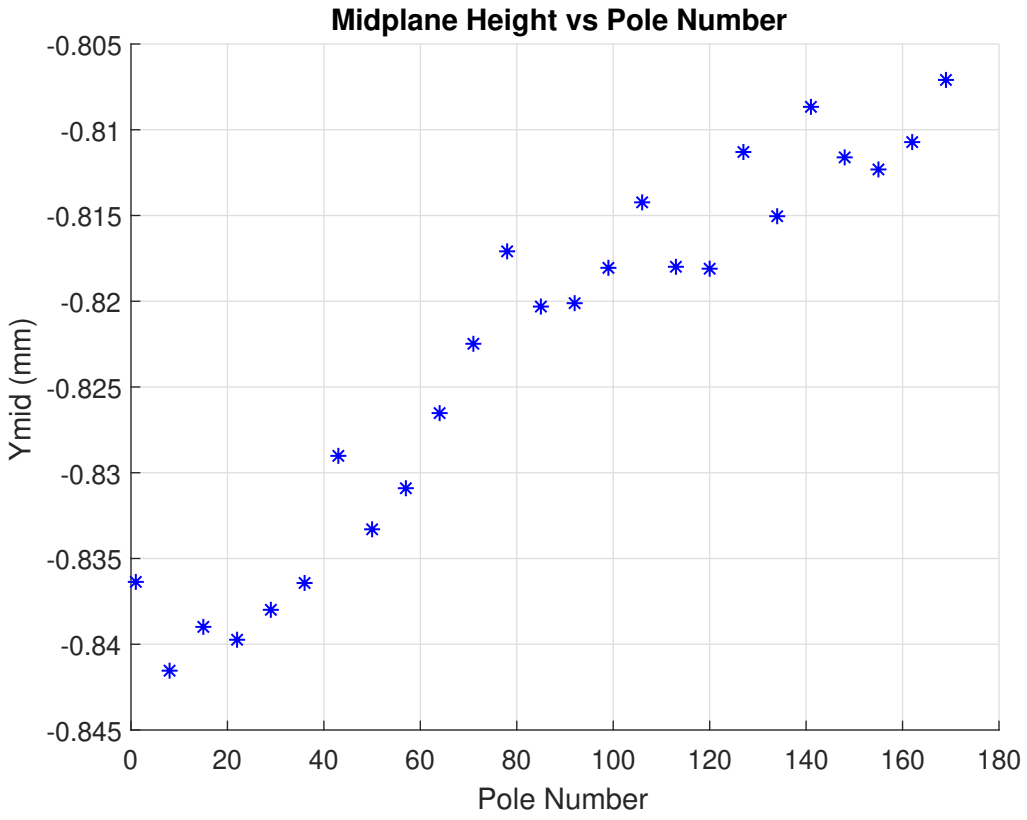
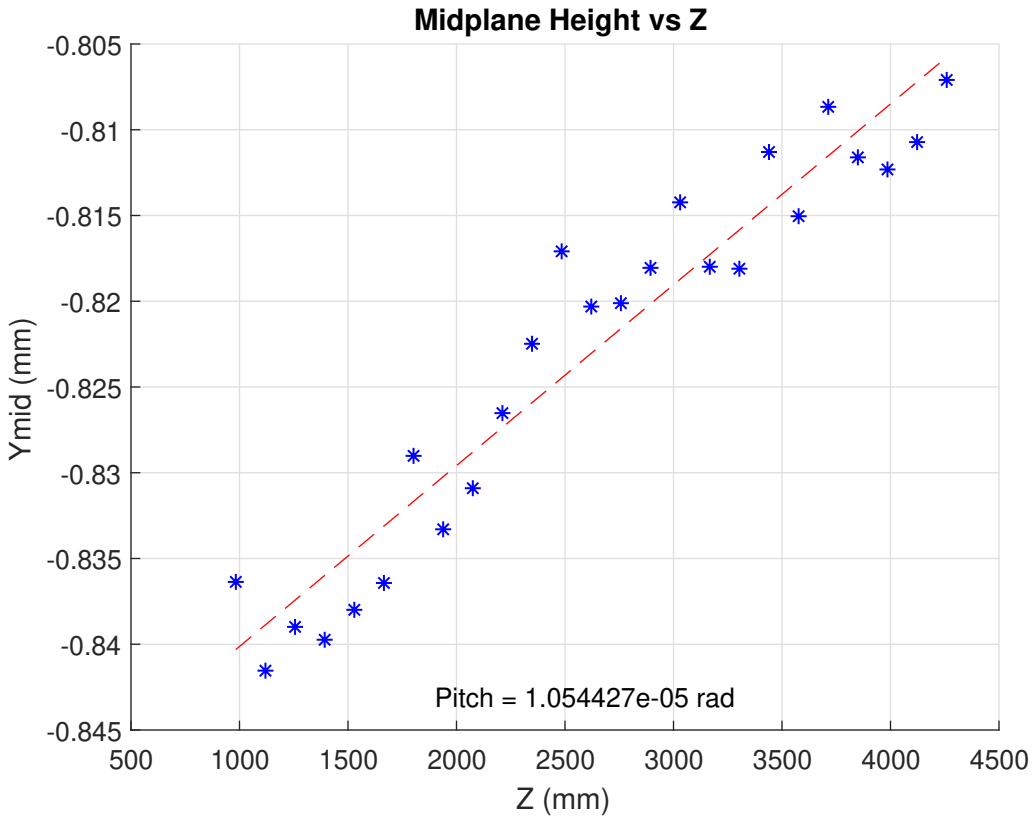
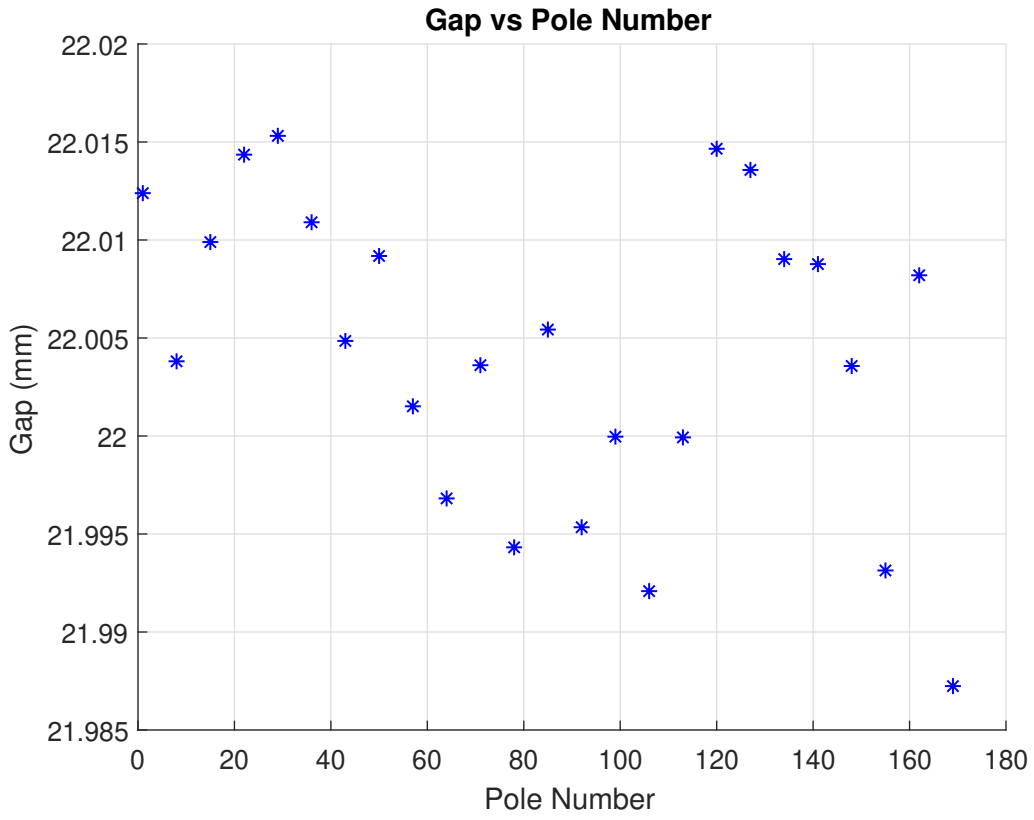
SLAC Magnetic Measurements#
Date: 11-04-2017#
Time: 15:48:56#

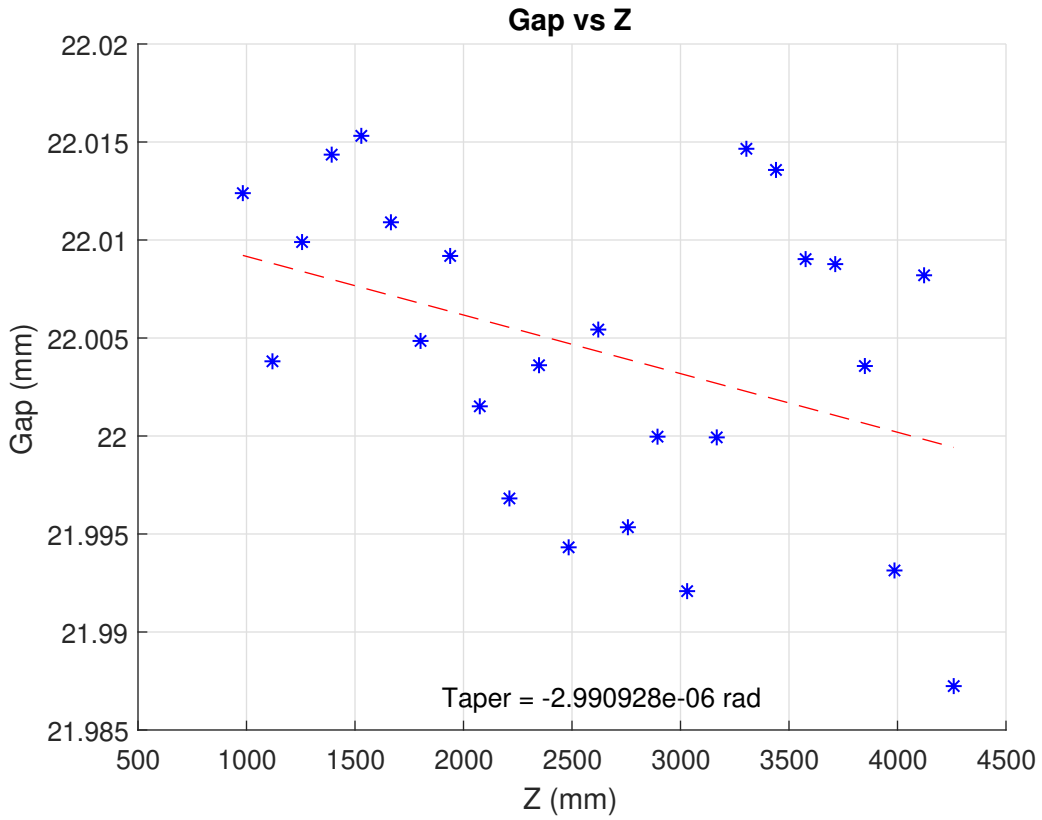

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
10.2
10.19
10.18
10.17
10.16
0
20
40
60
80
100
120
140
160
180
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-11.8
-11.82
-11.84
-11.86
0
20
40
60
80
100
120
140
160
180
Pole Number

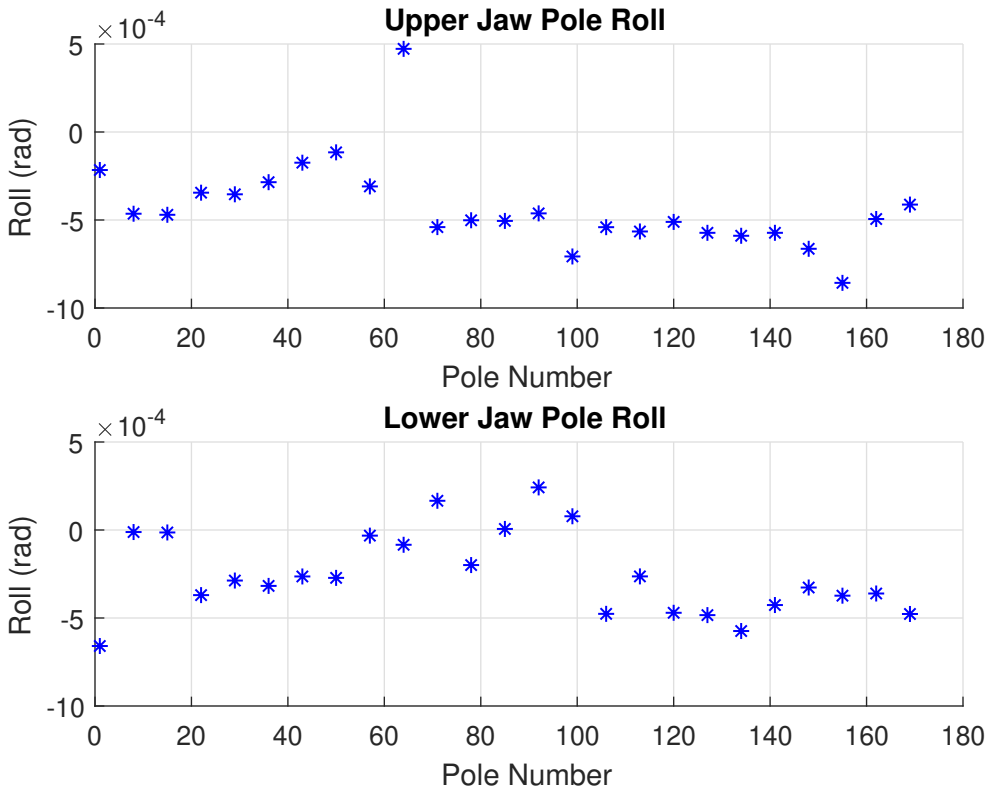

Upper Jaw Pole Y-Positions vs Z
Y (mm)
Z (mm)
Upper Jaw Pitch = 9.048804e-06 rad
Lower Jaw Pole Y-Positions vs Z
Y (mm)
Z (mm)
Lower Jaw Pitch = 1.203973e-05 rad

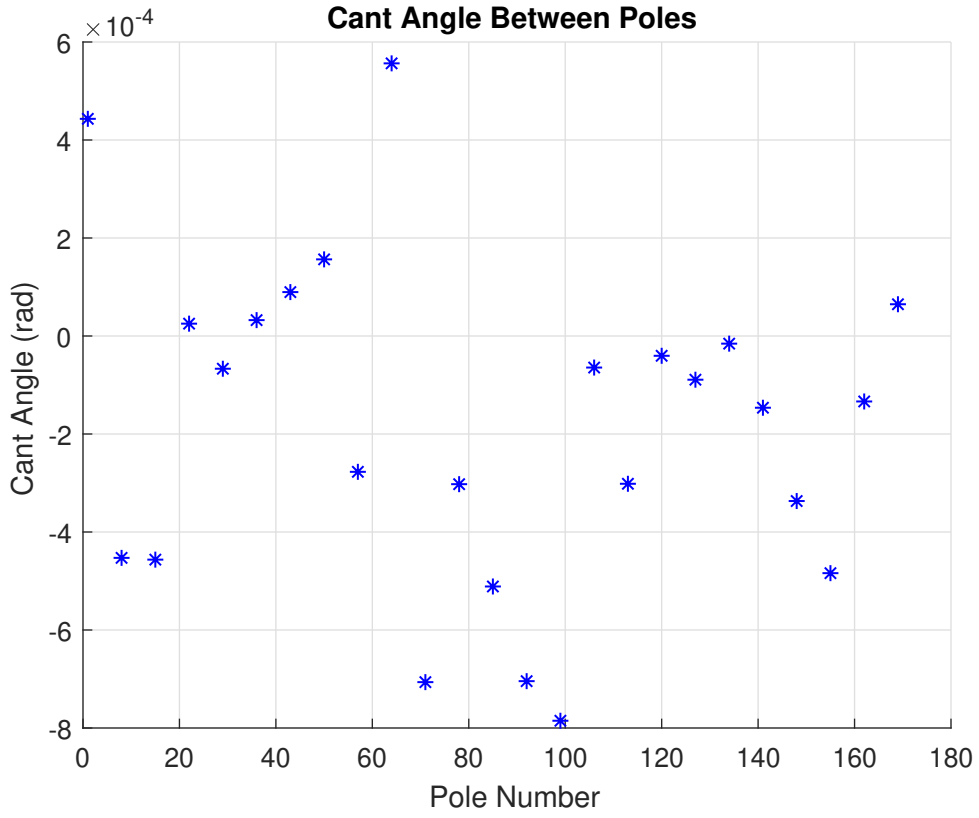

Midplane Height vs Pole Number
Ymid (mm)
-0.805
-0.81
-0.815
-0.82
-0.825
-0.83
-0.835
-0.84
-0.845
0
20
40
60
80
100
120
140
160
180
Pole Number


Midplane Height vs Z
-0.805
-0.81
-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 = 1.054427e-05 rad


Gap vs Pole Number
Gap (mm)
Pole Number
22.02
22.015
22.01
22.005
22
21.995
21.99
21.985
0
20
40
60
80
100
120
140
160
180


Gap vs Z
22.02
22.015
22.01
22.005
22
21.995
21.99
21.985
Gap (mm)
500
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -2.990928e-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
Cant Angle (rad)
0
20
40
60
80
100
120
140
160
180
Pole Number