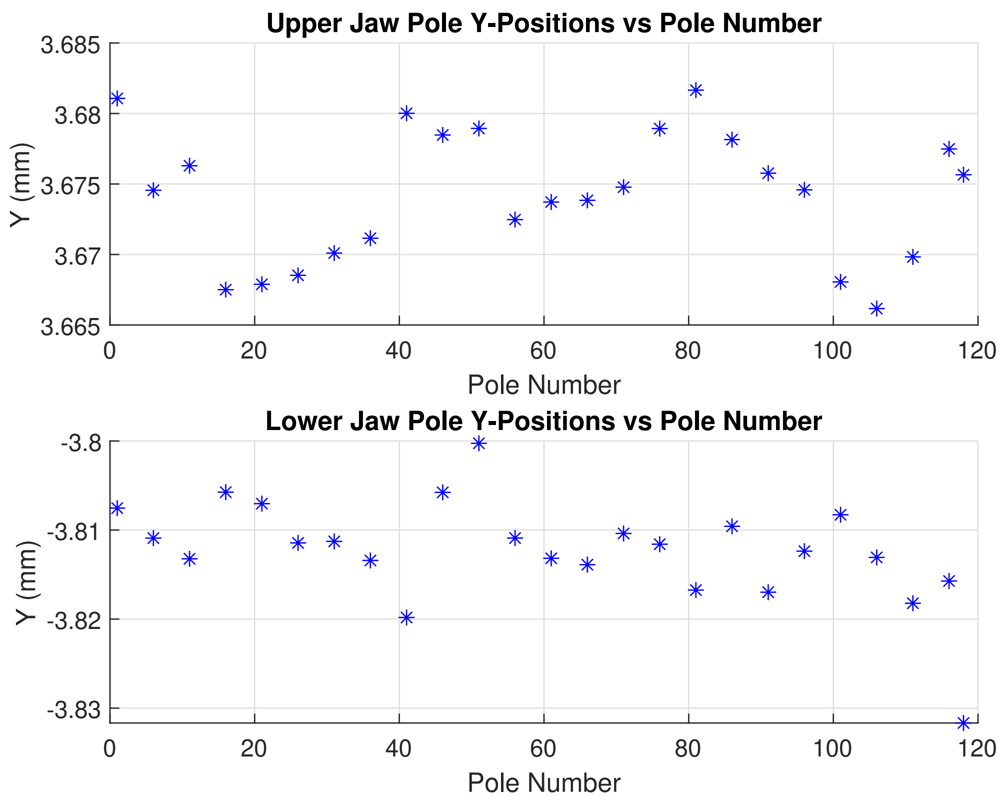
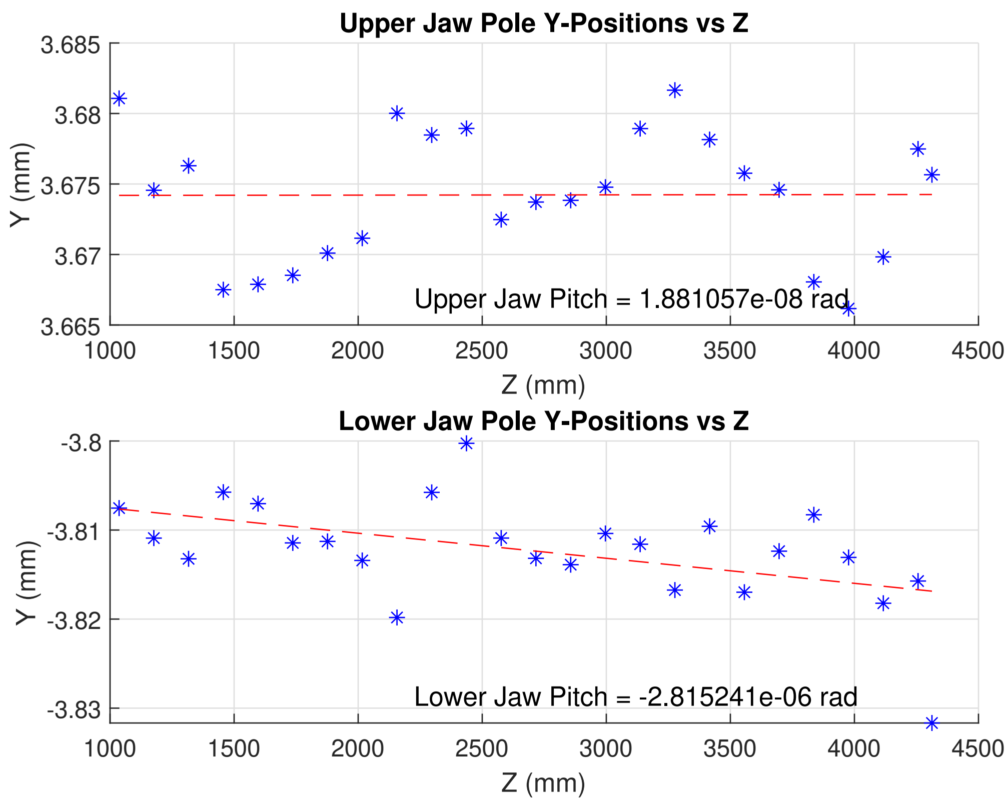
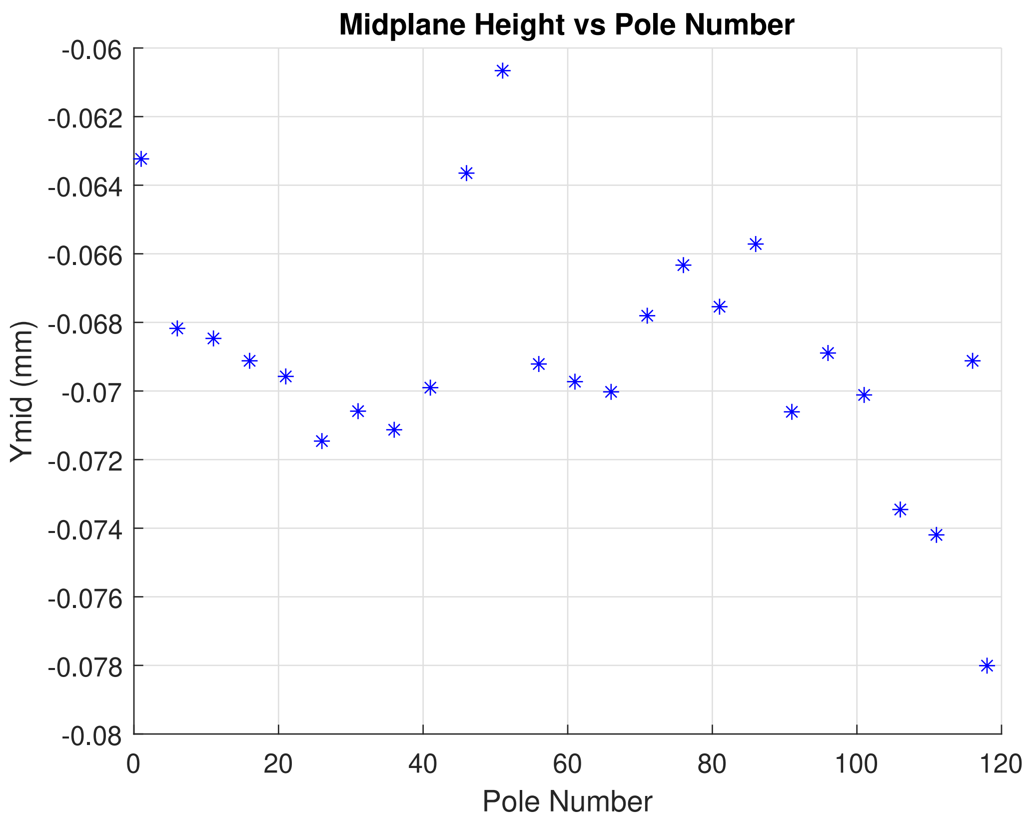
SLAC Magnetic Measurements#
Date: 05-28-2024#
Time: 17:38:00#



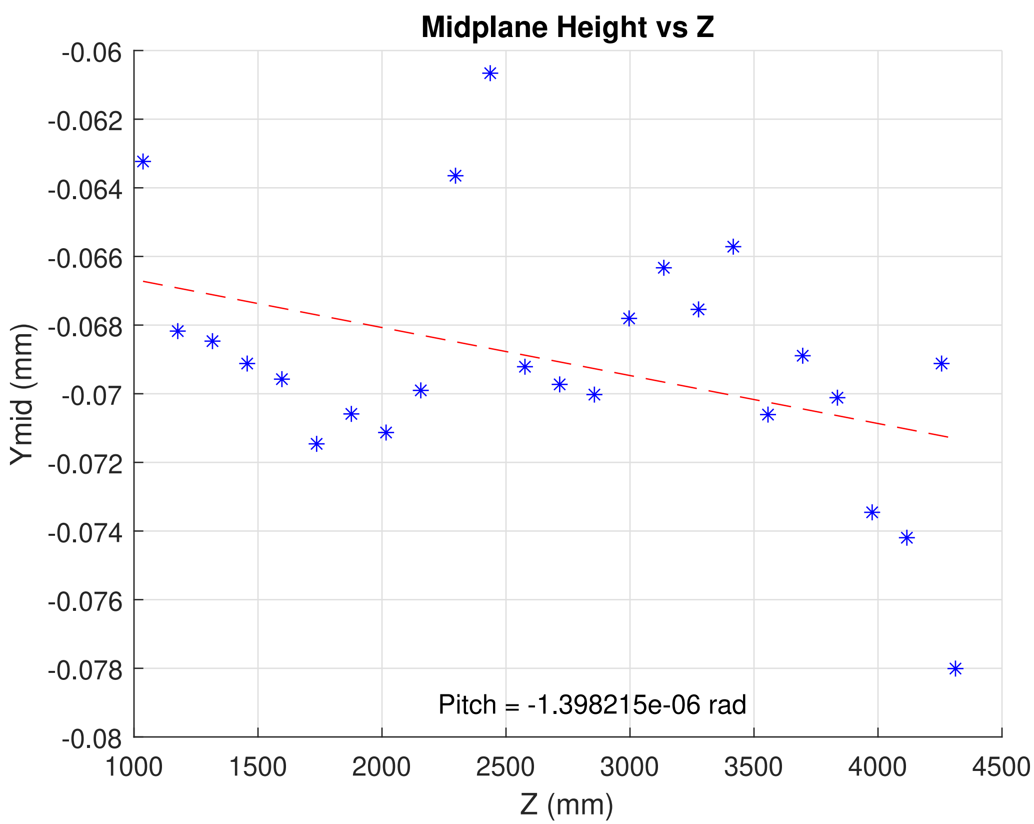
Upper Jaw Pole Y-Positions vs Pole Number
3.685
3.68
3.675
3.67
3.665
Y (mm)
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
-3.8
-3.81
-3.82
-3.83
Y (mm)
0
20
40
60
80
100
120
Pole Number

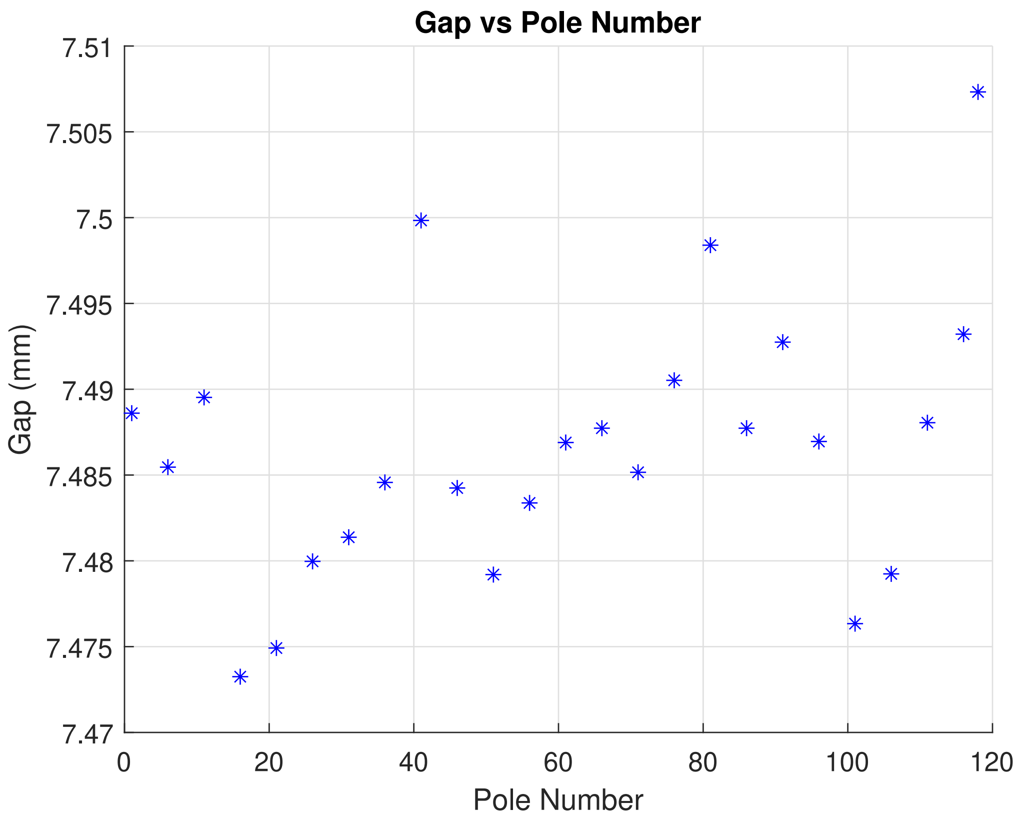


Upper Jaw Pole Y-Positions vs Z
3.685
3.68
3.675
3.67
3.665
Y (mm)
Upper Jaw Pitch = 1.881057e-08 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
-3.8
-3.81
-3.82
-3.83
Y (mm)
Lower Jaw Pitch = -2.815241e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

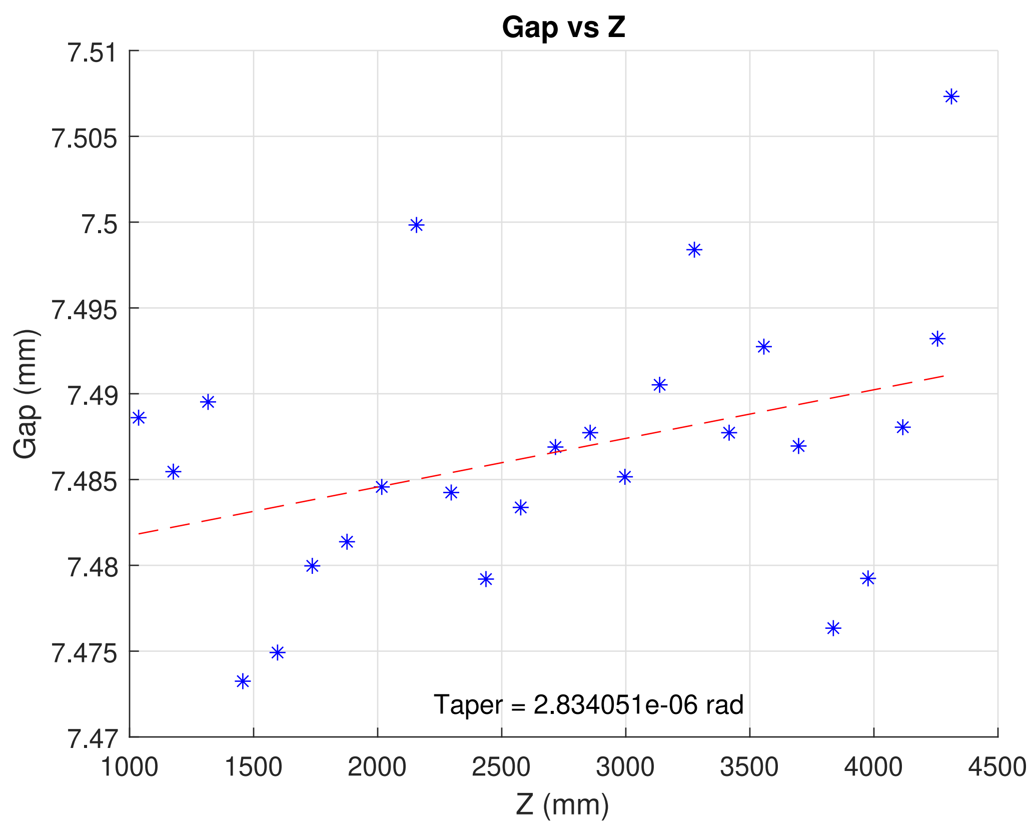


Midplane Height vs Pole Number
-0.06
-0.062
-0.064
-0.066
-0.068
-0.07
-0.072
-0.074
-0.076
-0.078
-0.08
Ymid (mm)
0
20
40
60
80
100
120
Pole Number

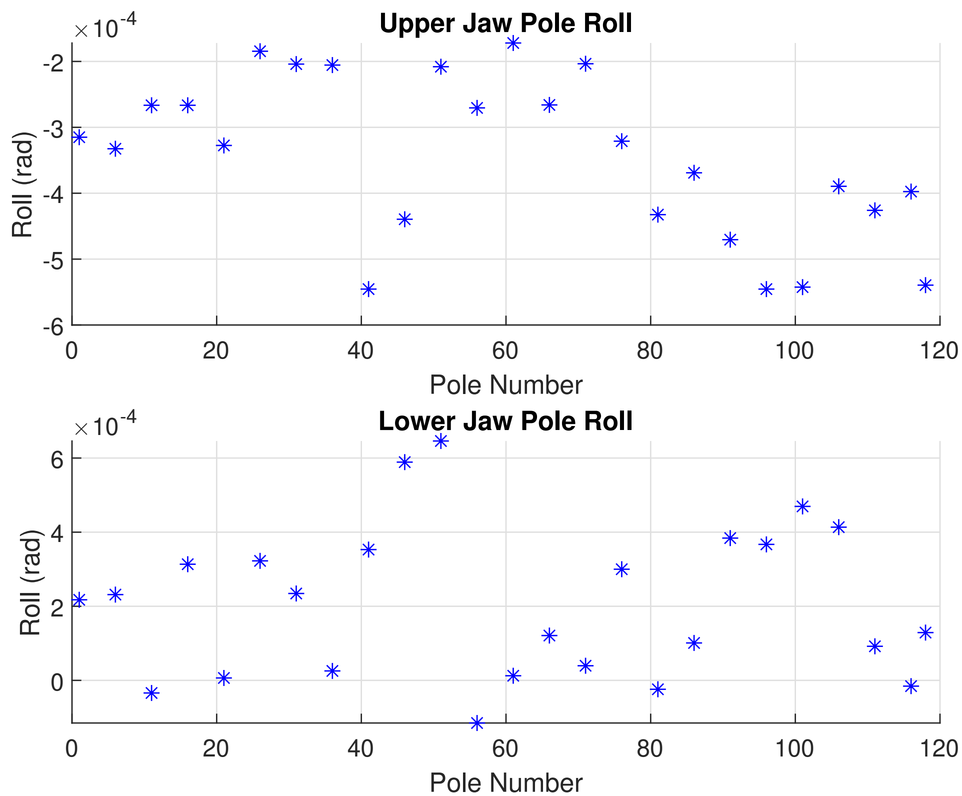

Midplane Height vs Z
-0.06
-0.062
-0.064
-0.066
-0.068
-0.07
-0.072
-0.074
-0.076
-0.078
-0.08
Ymid (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = -1.398215e-06 rad



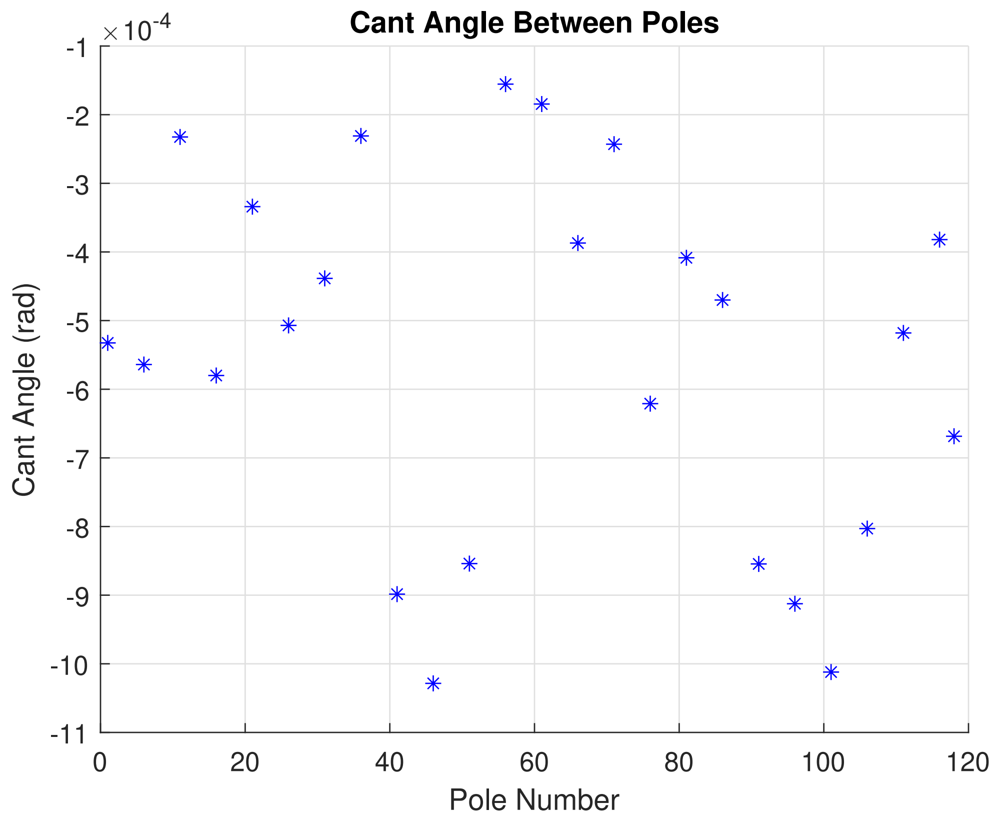
Gap vs Pole Number
Gap (mm)
Pole Number
7.47
7.475
7.48
7.485
7.49
7.495
7.5
7.505
7.51
0
20
40
60
80
100
120



Gap vs Z
7.51
7.505
7.5
7.495
7.49
7.485
7.48
7.475
7.47
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = 2.834051e-06 rad



Upper Jaw Pole Roll
×10^-4
-2
-3
-4
-5
-6
Roll (rad)
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Roll
×10^-4
6
4
2
0
Roll (rad)
0
20
40
60
80
100
120
Pole Number


Cant Angle Between Poles
×10^-4
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
-11
Cant Angle (rad)
0
20
40
60
80
100
120
Pole Number