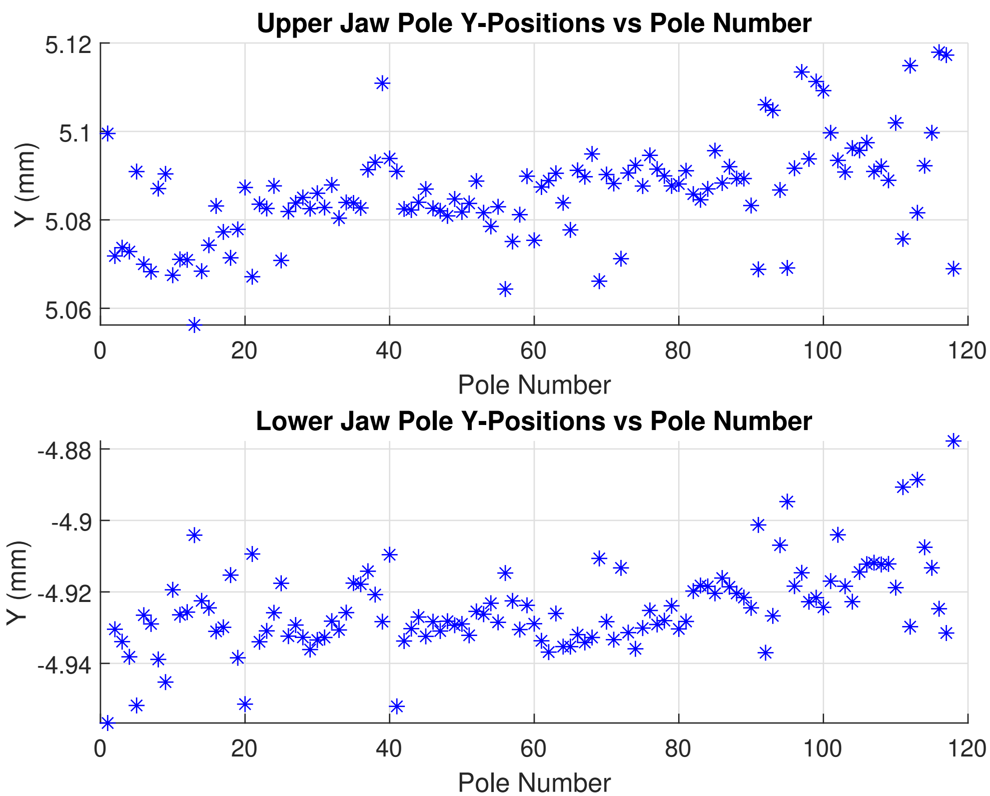
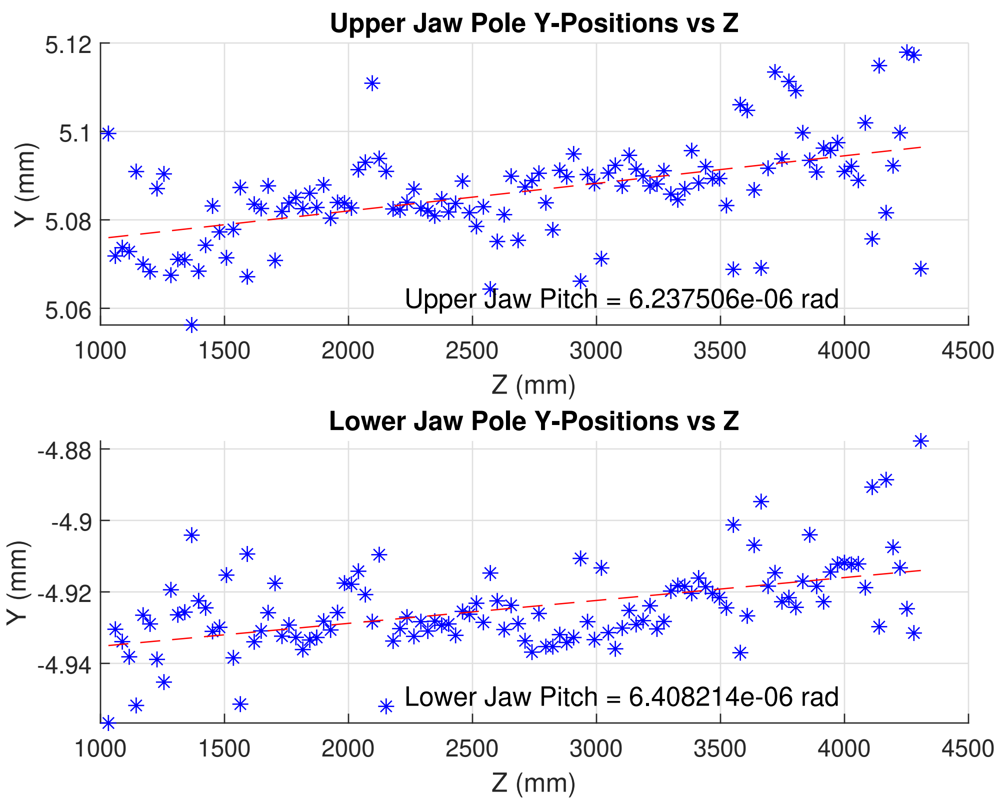
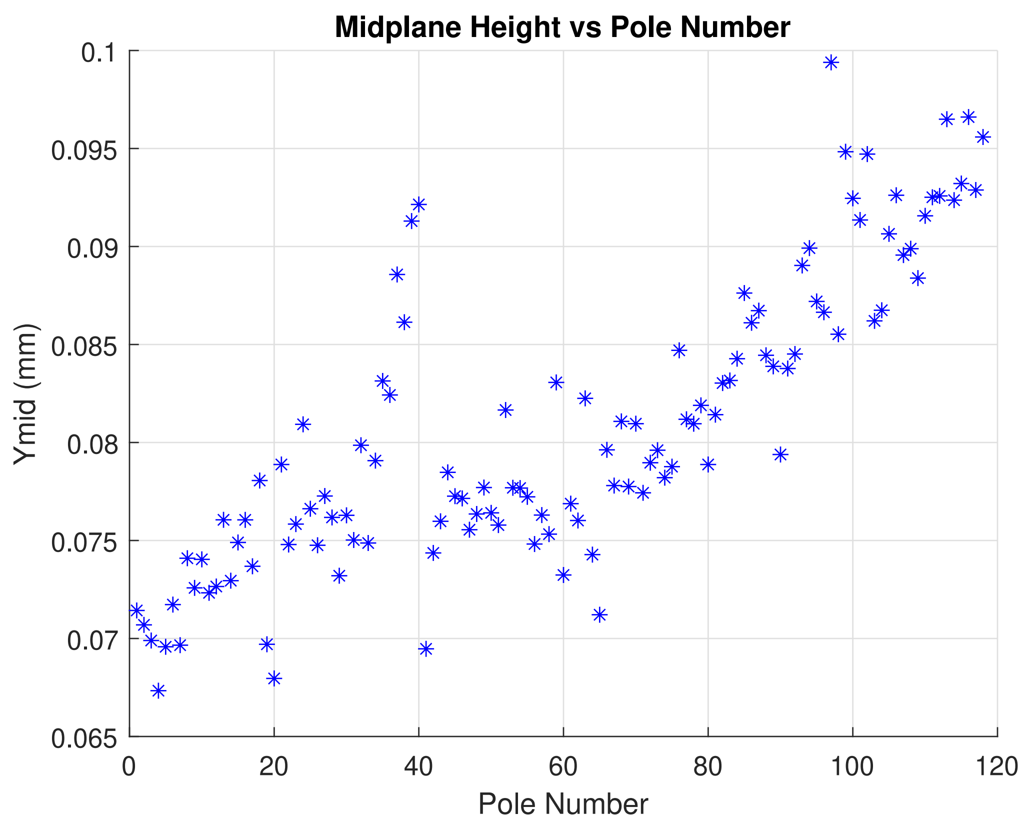
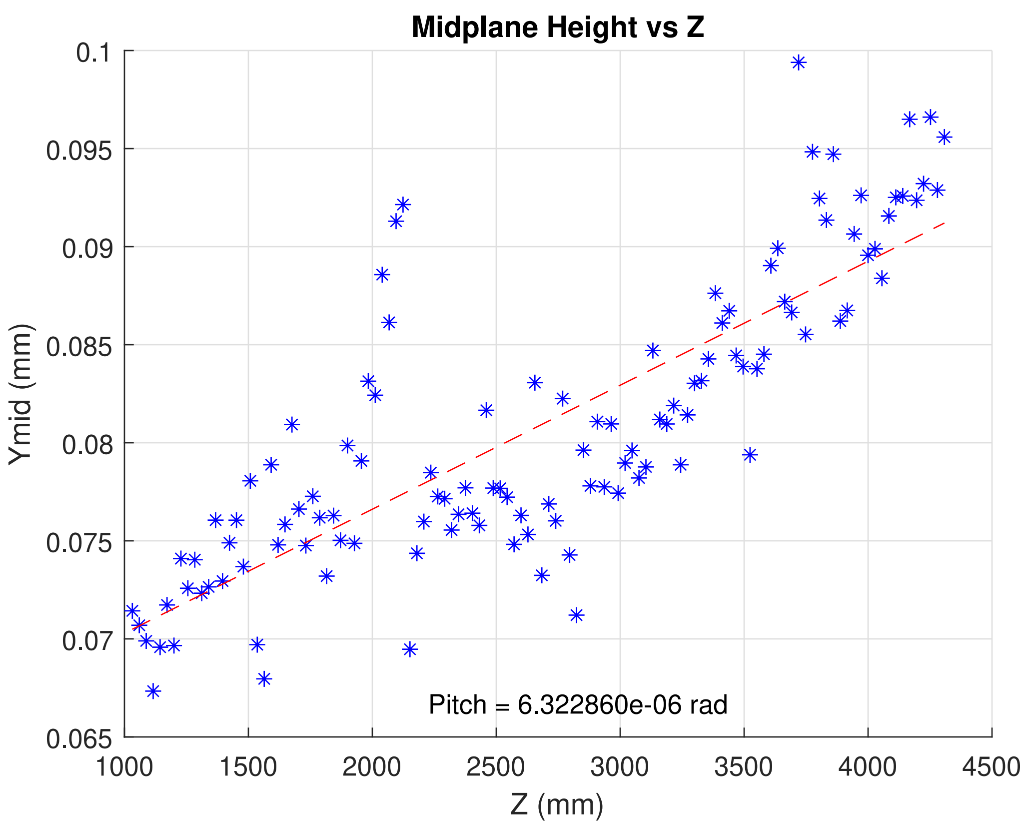
SLAC Magnetic Measurements#
Date: 07-27-2023#
Time: 16:44:42#



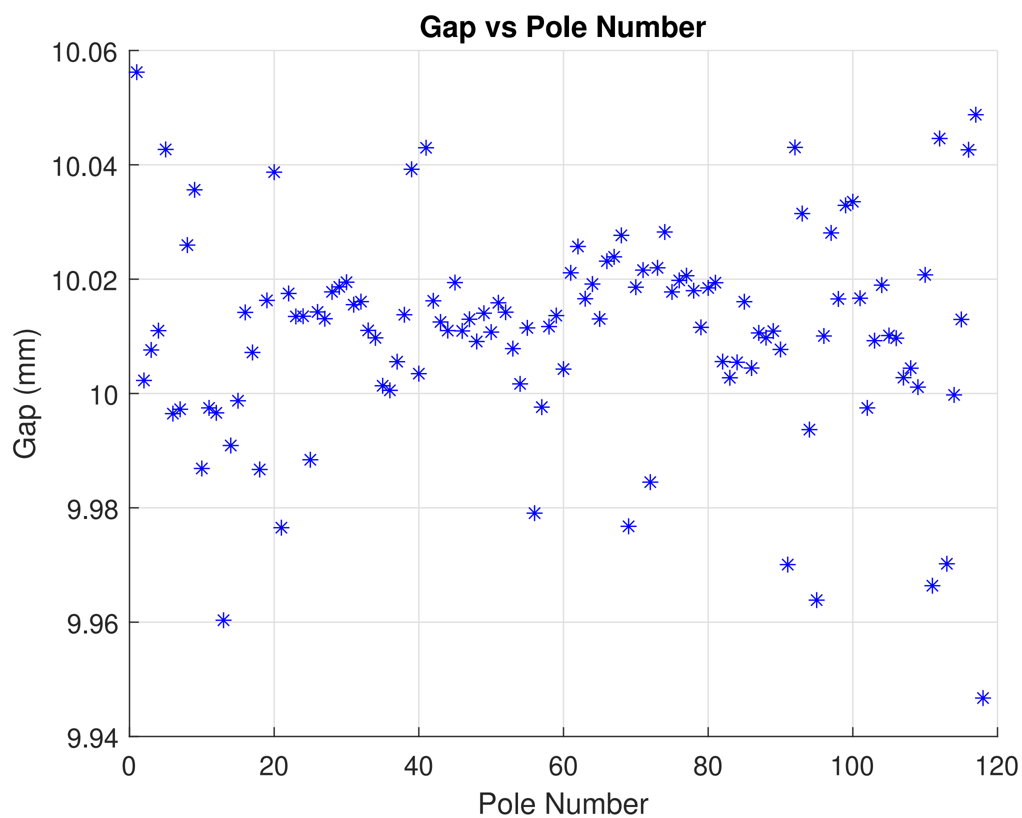
Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
5.12
5.1
5.08
5.06
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-4.88
-4.9
-4.92
-4.94
0
20
40
60
80
100
120
Pole Number

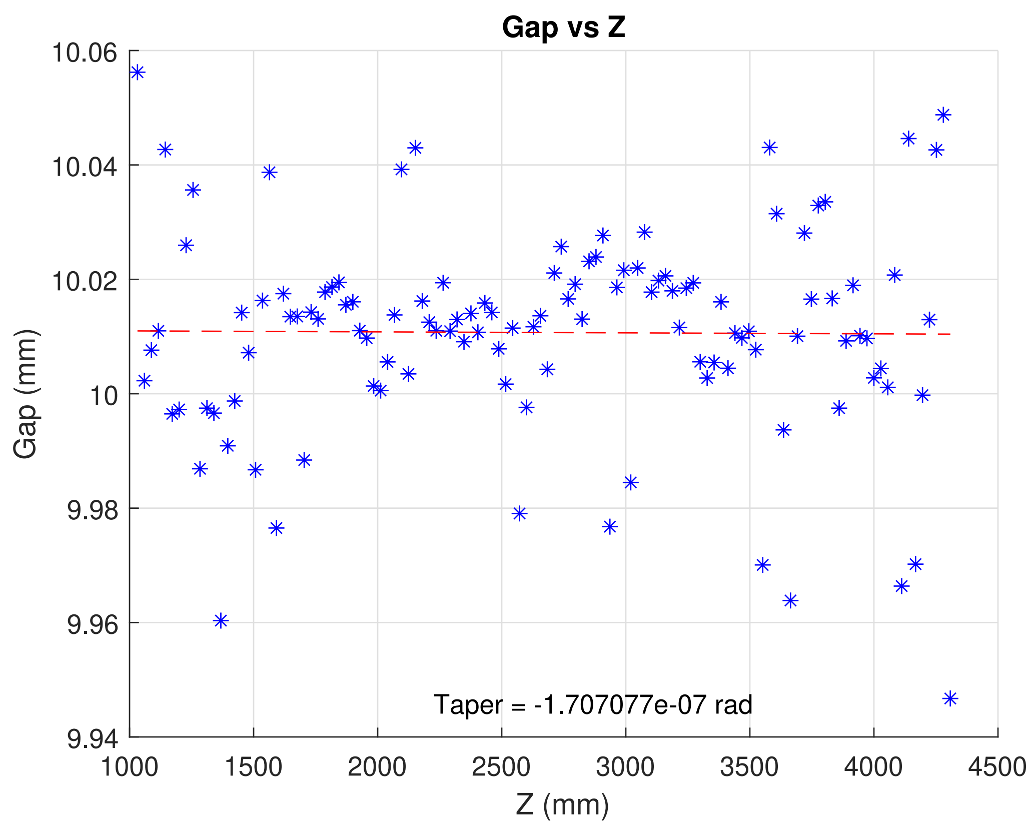

Upper Jaw Pole Y-Positions vs Z
Y (mm)
5.12
5.1
5.08
5.06
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Upper Jaw Pitch = 6.237506e-06 rad
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-4.88
-4.9
-4.92
-4.94
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pitch = 6.408214e-06 rad


Midplane Height vs Pole Number
Ymid (mm)
0.1
0.095
0.09
0.085
0.08
0.075
0.07
0.065
0
20
40
60
80
100
120
Pole Number

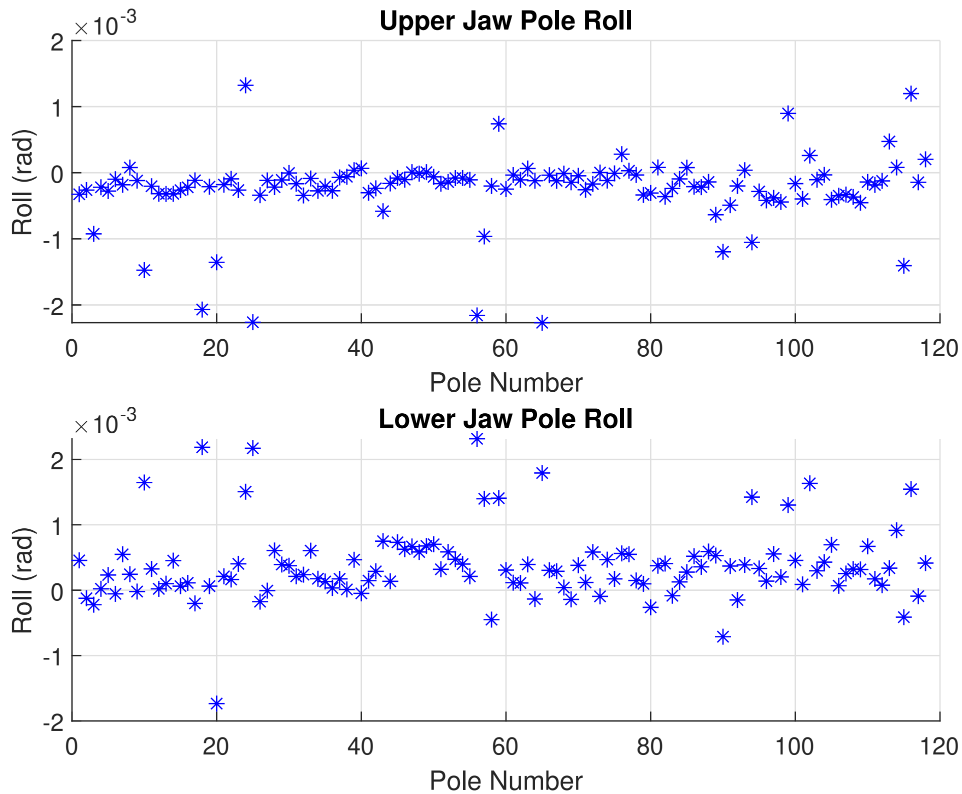


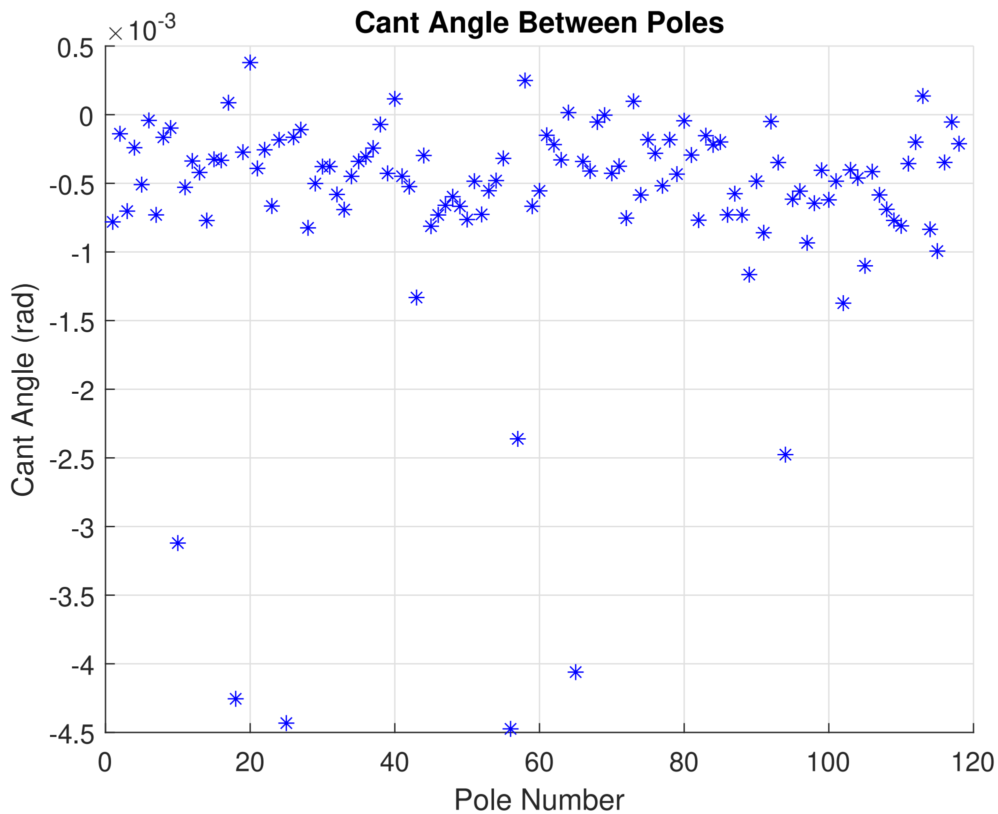
Midplane Height vs Z
0.1
0.095
0.09
0.085
0.08
0.075
0.07
0.065
Ymid (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = 6.322860e-06 rad


Gap vs Pole Number
10.06
10.04
10.02
10
9.98
9.96
9.94
Gap (mm)
0
20
40
60
80
100
120
Pole Number



Gap vs Z
10.06
10.04
10.02
10
9.98
9.96
9.94
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -1.707077e-07 rad


Upper Jaw Pole Roll
×10-3
2
1
0
-1
-2
Roll (rad)
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Roll
×10-3
2
1
0
-1
-2
Roll (rad)
0
20
40
60
80
100
120
Pole Number


Cant Angle Between Poles
×10^-3
0.5
0
-0.5
-1
-1.5
-2
-2.5
-3
-3.5
-4
-4.5
Cant Angle (rad)
0
20
40
60
80
100
120
Pole Number