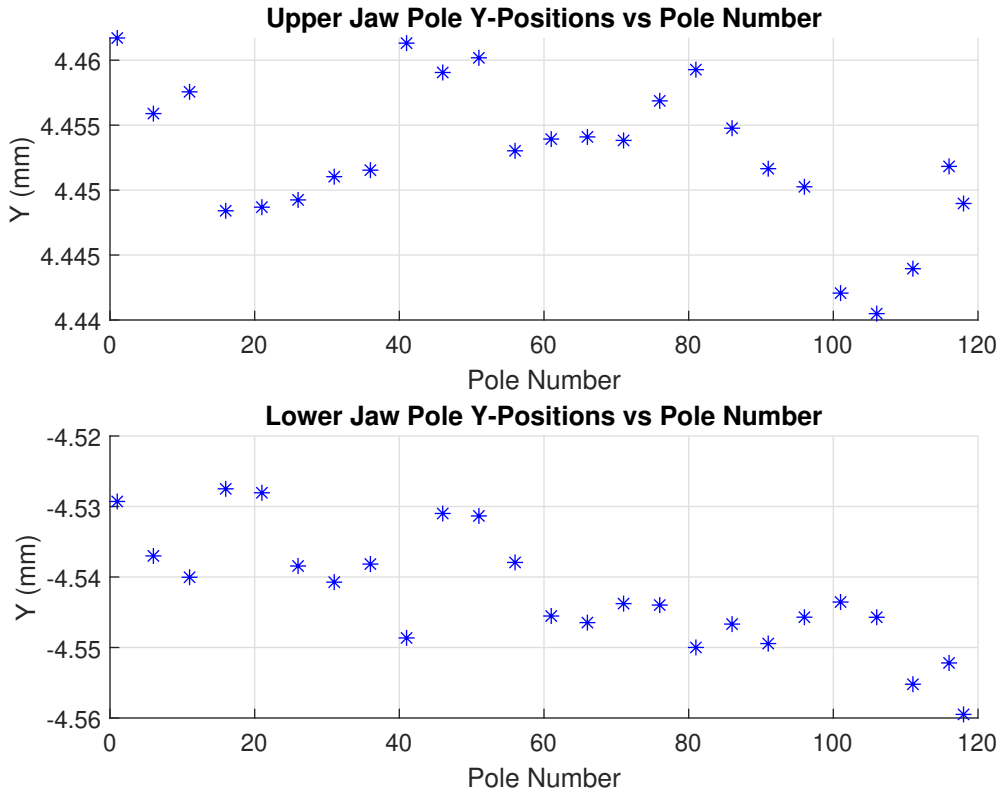
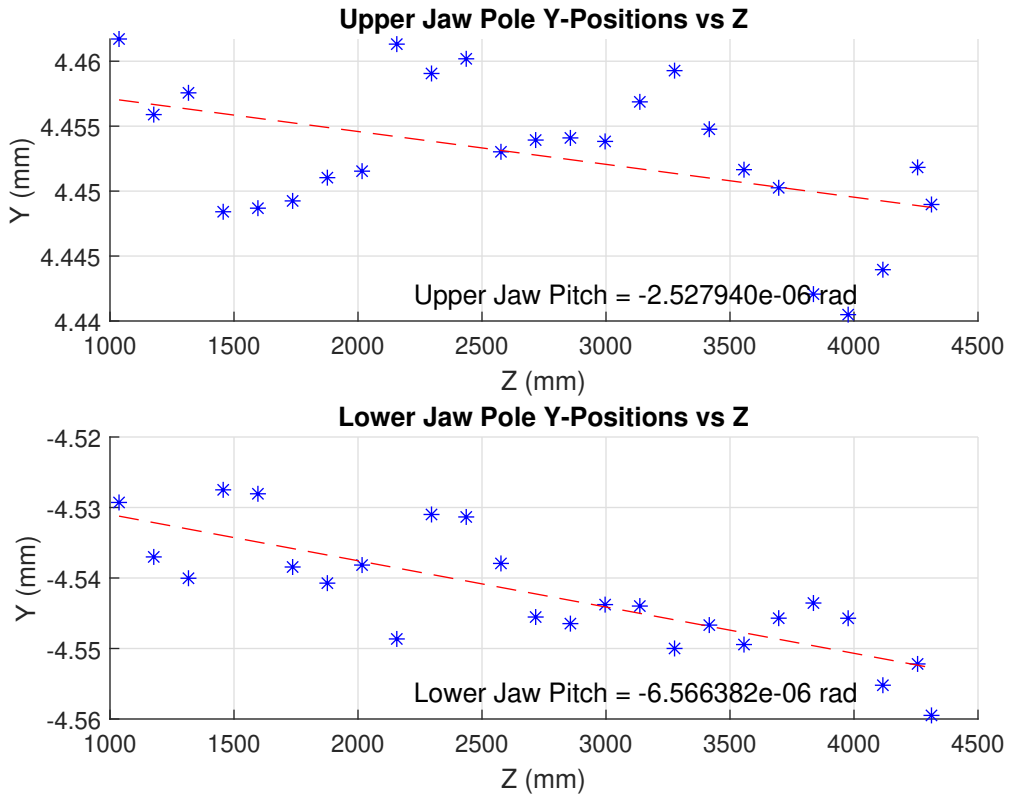
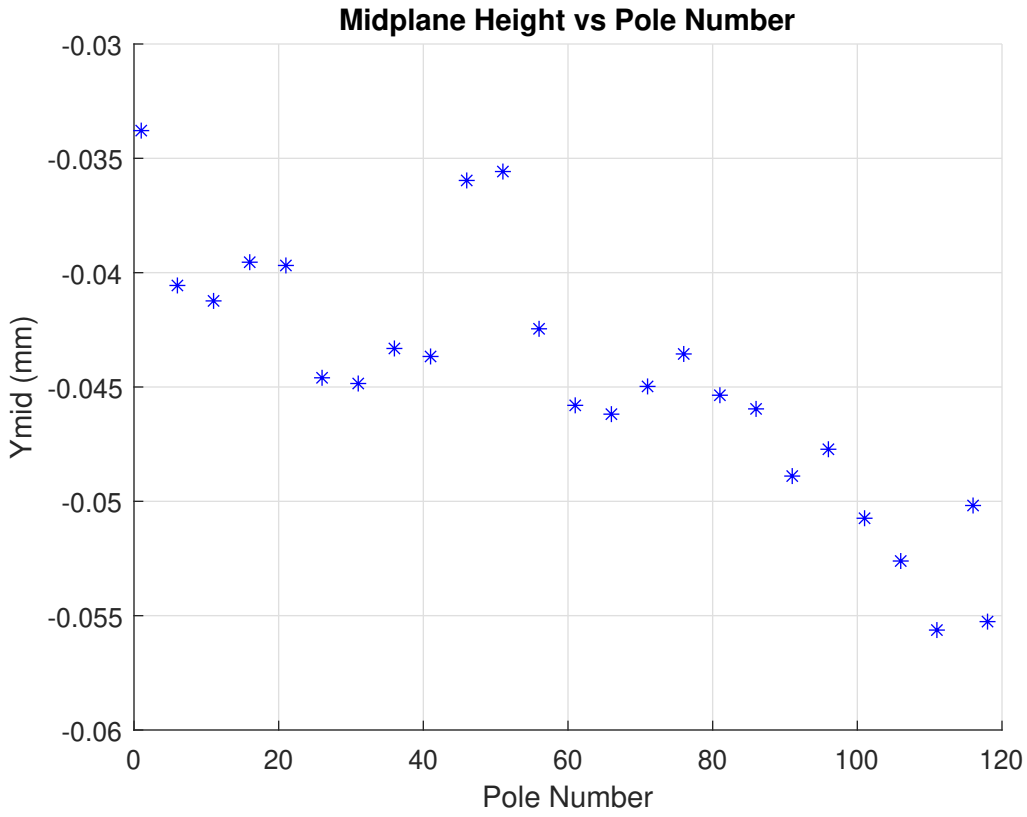
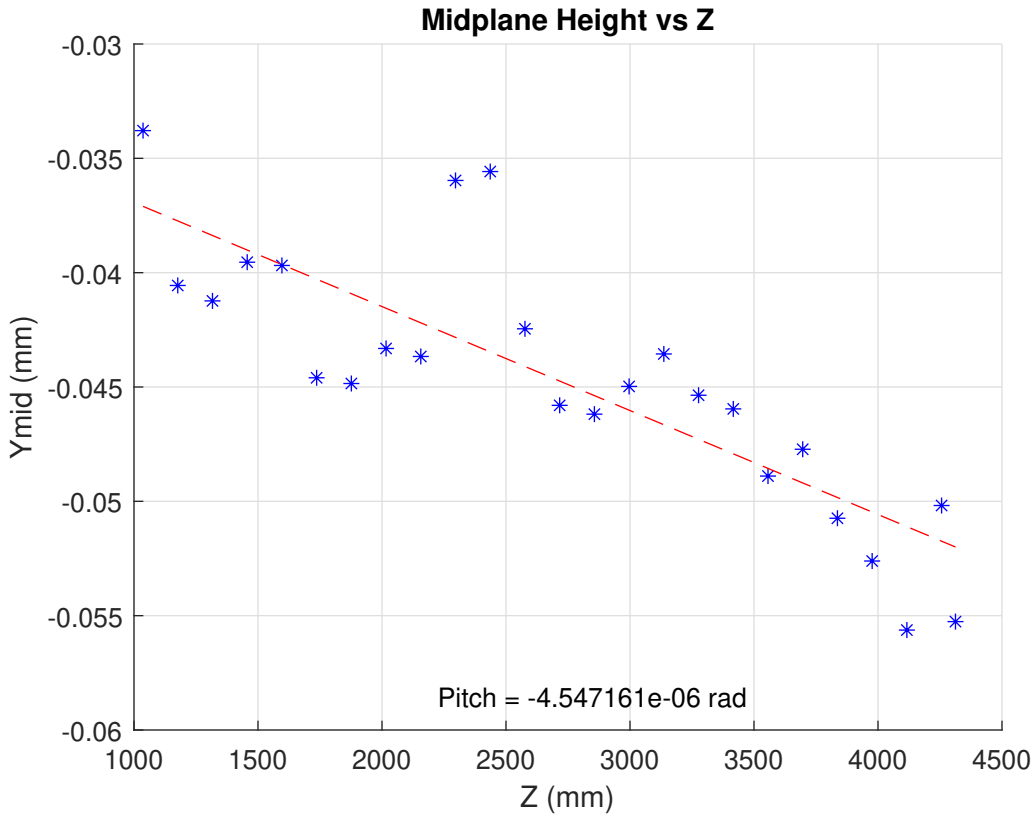
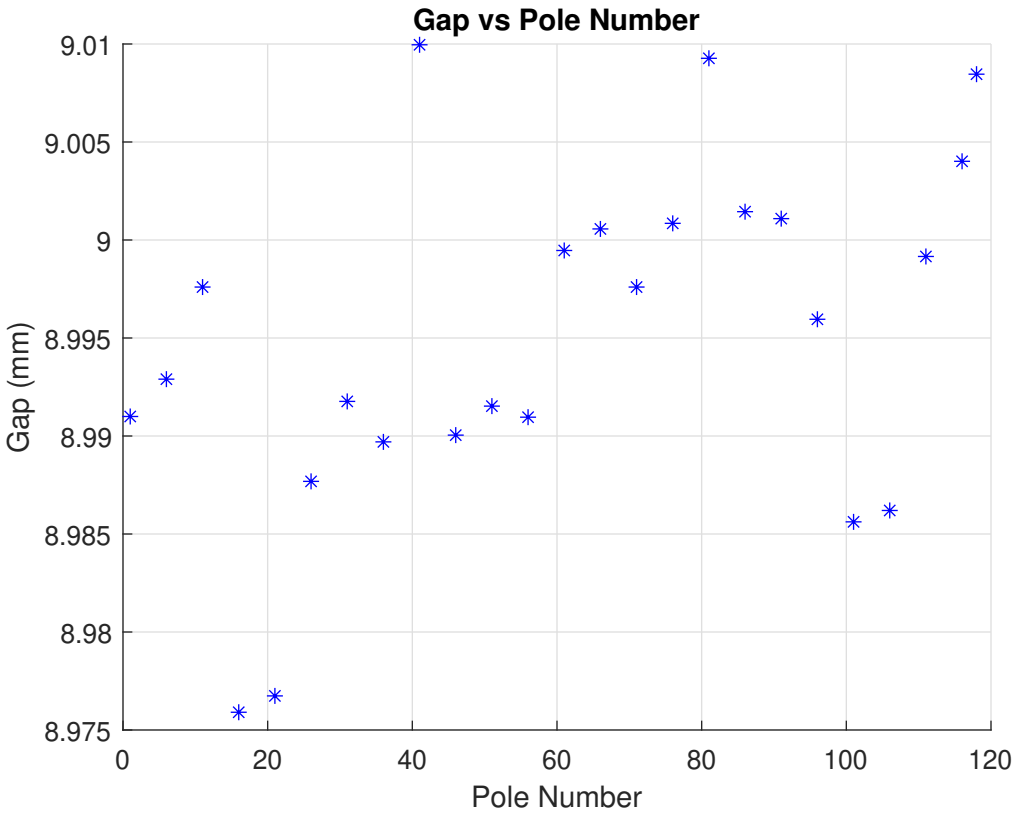
SLAC Magnetic Measurements#
Date: 05-28-2024#
Time: 17:39:06#

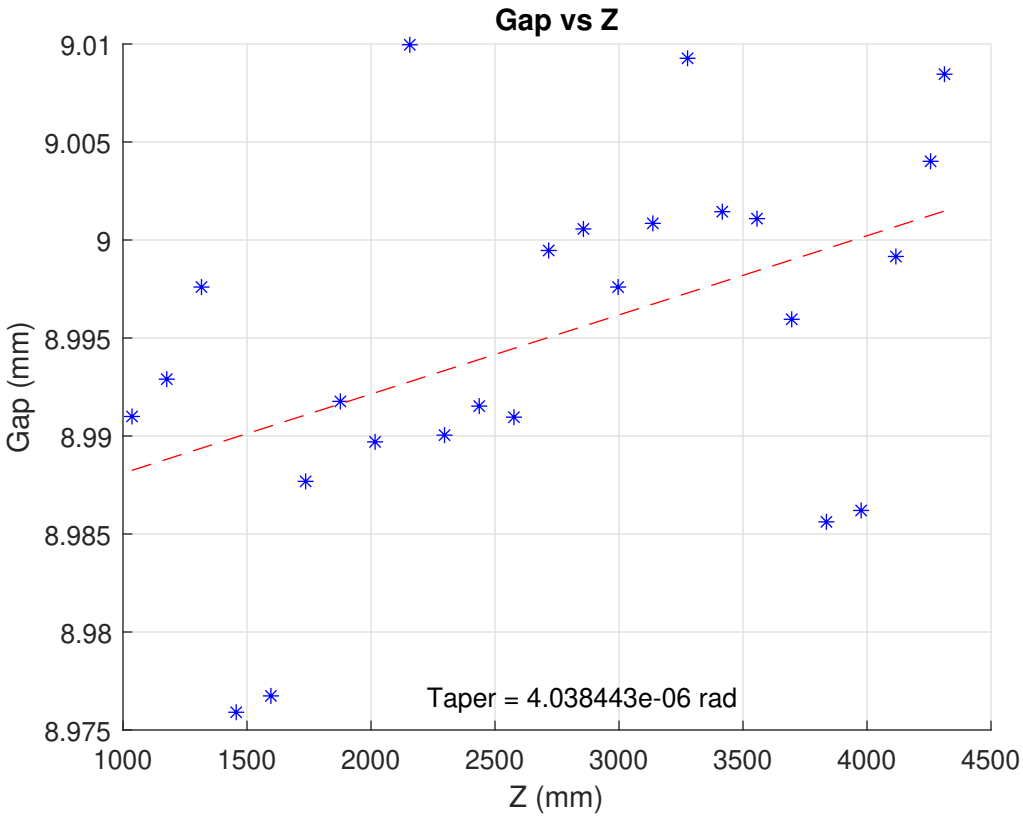

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
4.46
4.455
4.45
4.445
4.44
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-4.52
-4.53
-4.54
-4.55
-4.56
0
20
40
60
80
100
120
Pole Number

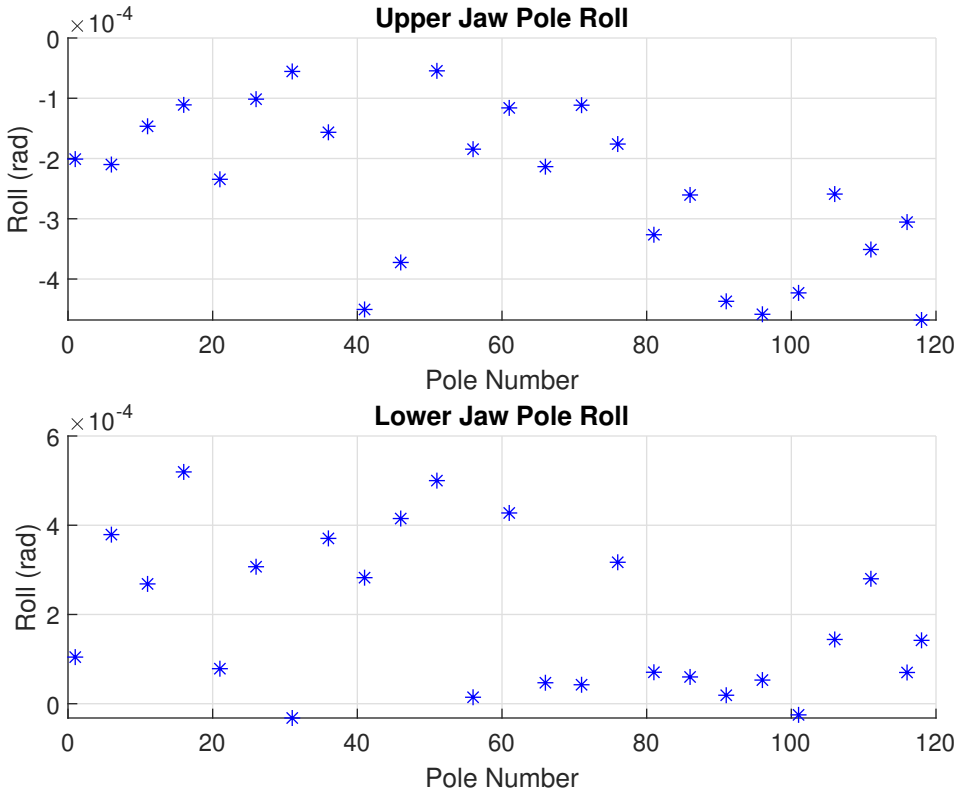

Upper Jaw Pole Y-Positions vs Z
Y (mm)
4.46
4.455
4.45
4.445
4.44
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Upper Jaw Pitch = -2.527940e-06 rad
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-4.52
-4.53
-4.54
-4.55
-4.56
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pitch = -6.566382e-06 rad

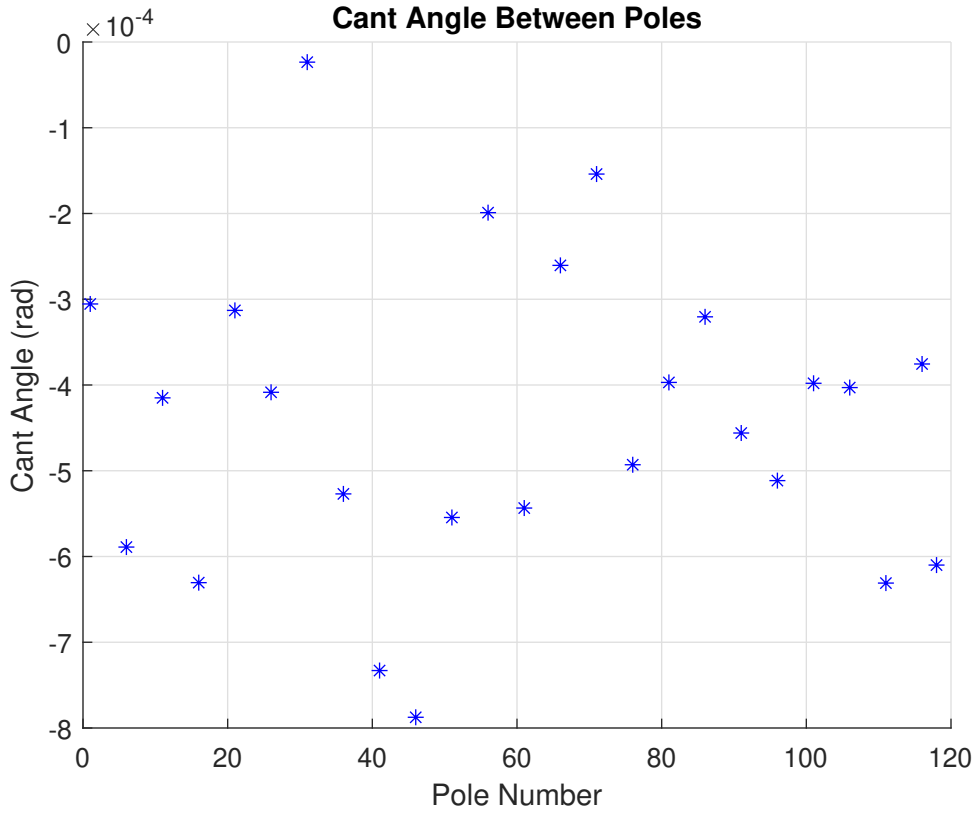

Midplane Height vs Pole Number
-0.03
-0.035
-0.04
-0.045
-0.05
-0.055
-0.06
Ymid (mm)
0
20
40
60
80
100
120
Pole Number


Midplane Height vs Z
-0.03
-0.035
-0.04
-0.045
-0.05
-0.055
-0.06
Ymid (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = -4.547161e-06 rad


Gap vs Pole Number
Gap (mm)
Pole Number
9.01
9.005
9
8.995
8.99
8.985
8.98
8.975
0
20
40
60
80
100
120


Gap vs Z
9.01
9.005
9
8.995
8.99
8.985
8.98
8.975
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = 4.038443e-06 rad


Upper Jaw Pole Roll
×10^-4
0
-1
-2
-3
-4
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
0
-1
-2
-3
-4
-5
-6
-7
-8
Cant Angle (rad)
0
20
40
60
80
100
120
Pole Number