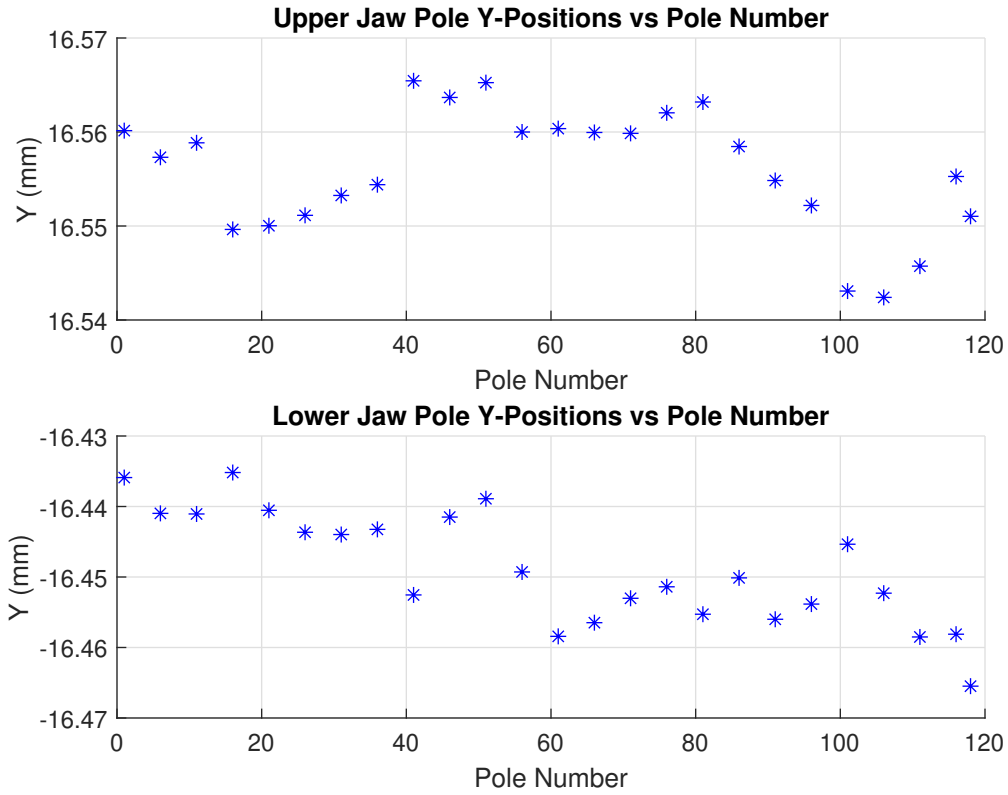
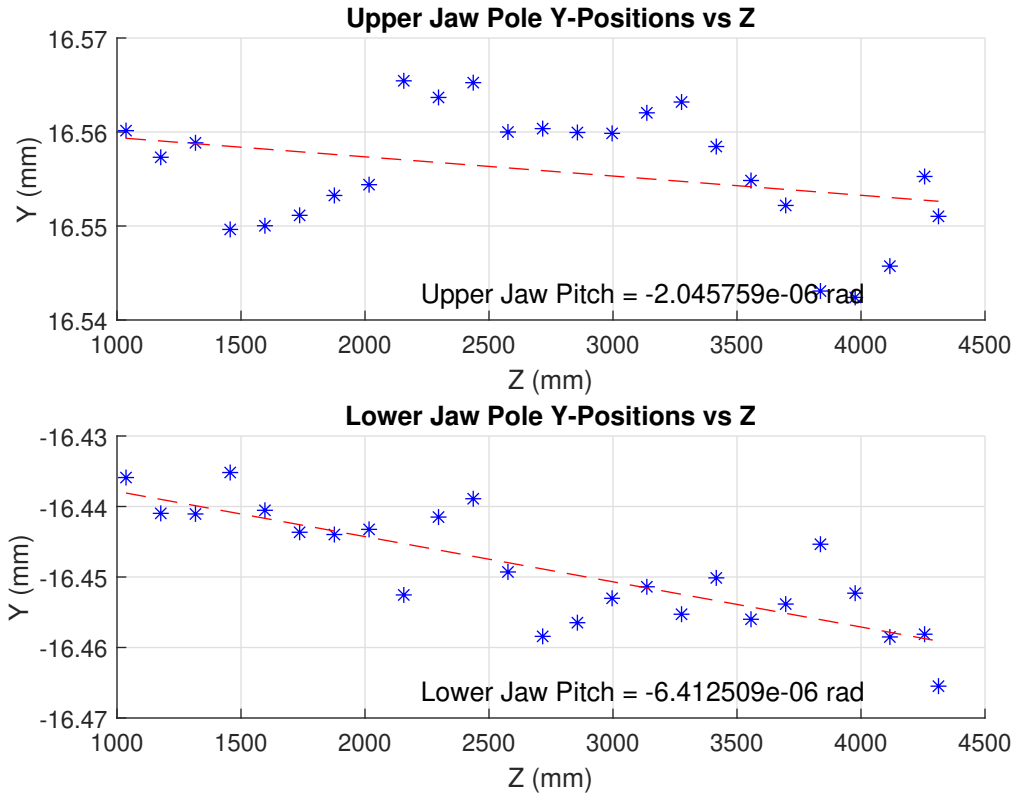
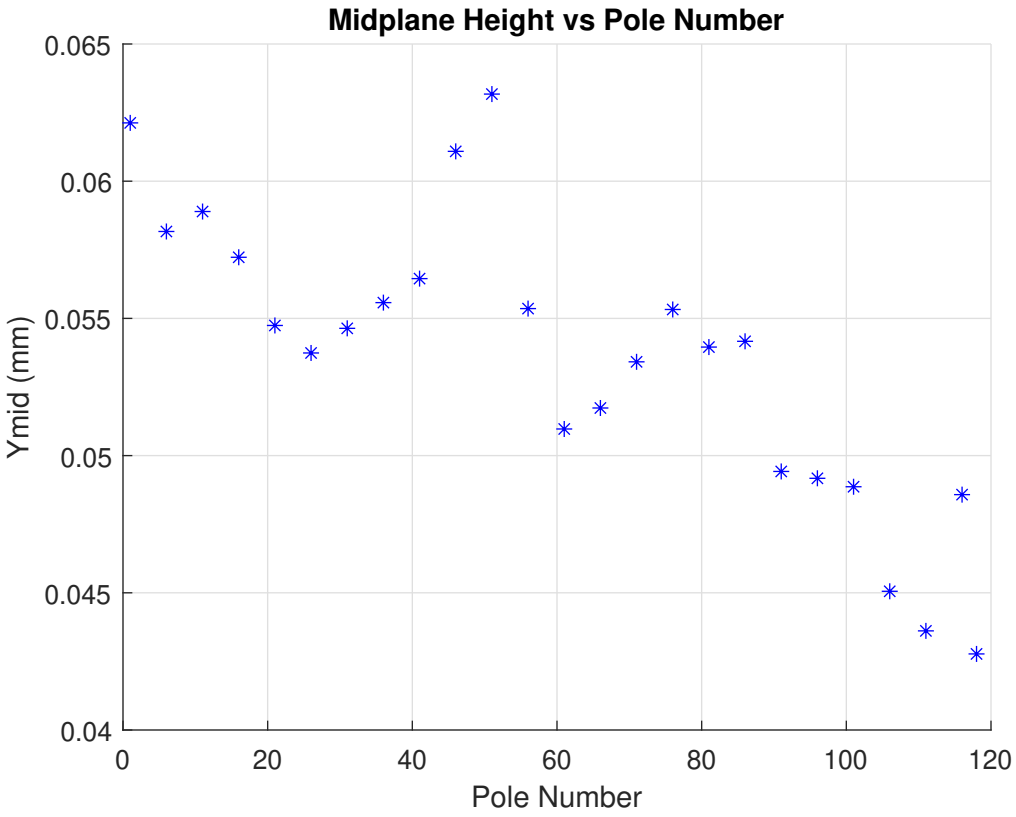
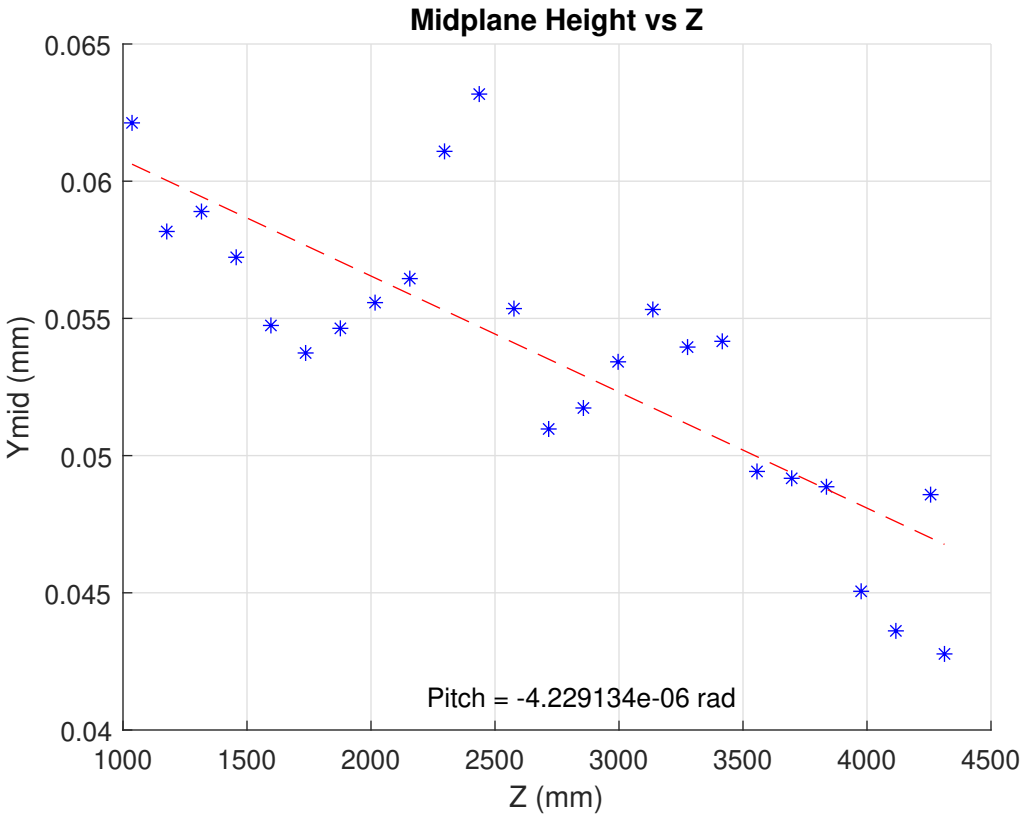
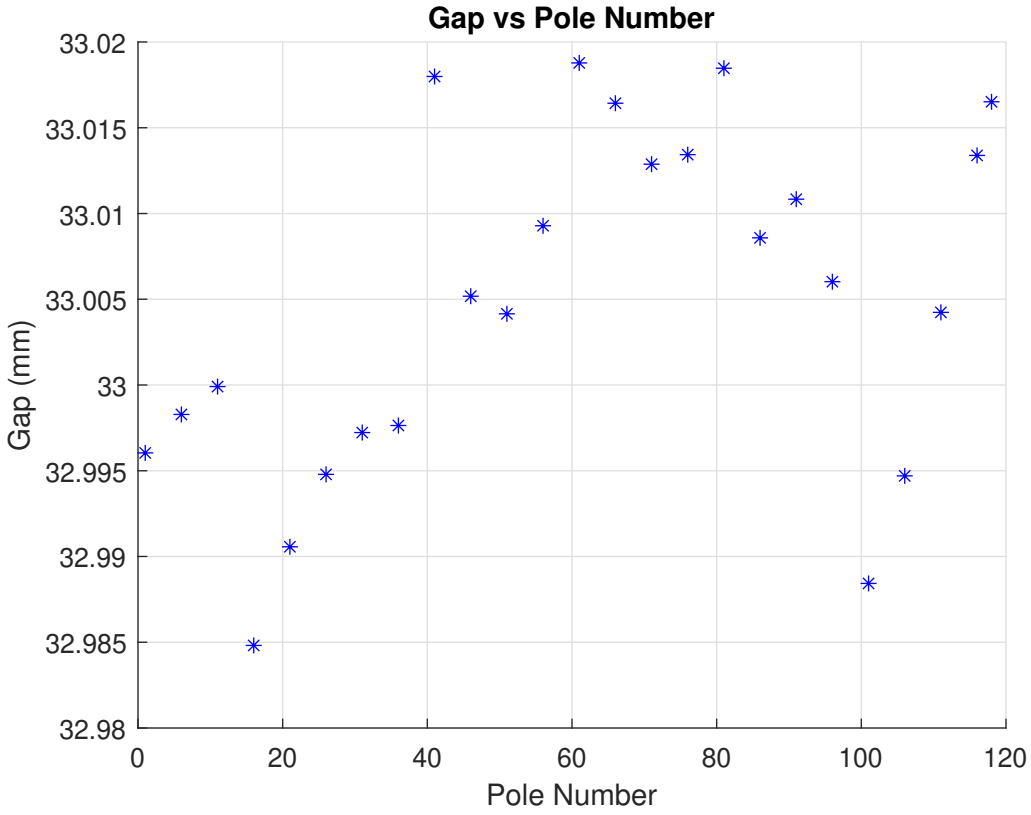
SLAC Magnetic Measurements#
Date: 05-28-2024#
Time: 17:42:38#

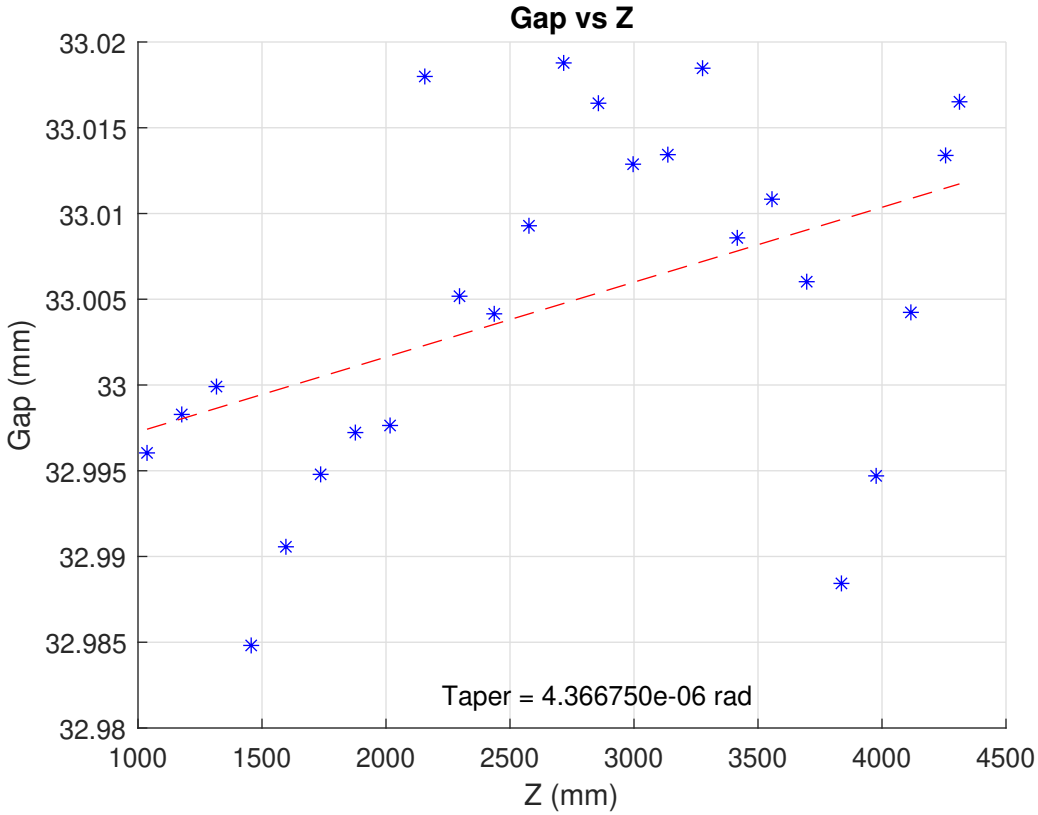

Upper Jaw Pole Y-Positions vs Pole Number
16.57
16.56
16.55
16.54
Y (mm)
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
-16.43
-16.44
-16.45
-16.46
-16.47
Y (mm)
0
20
40
60
80
100
120
Pole Number

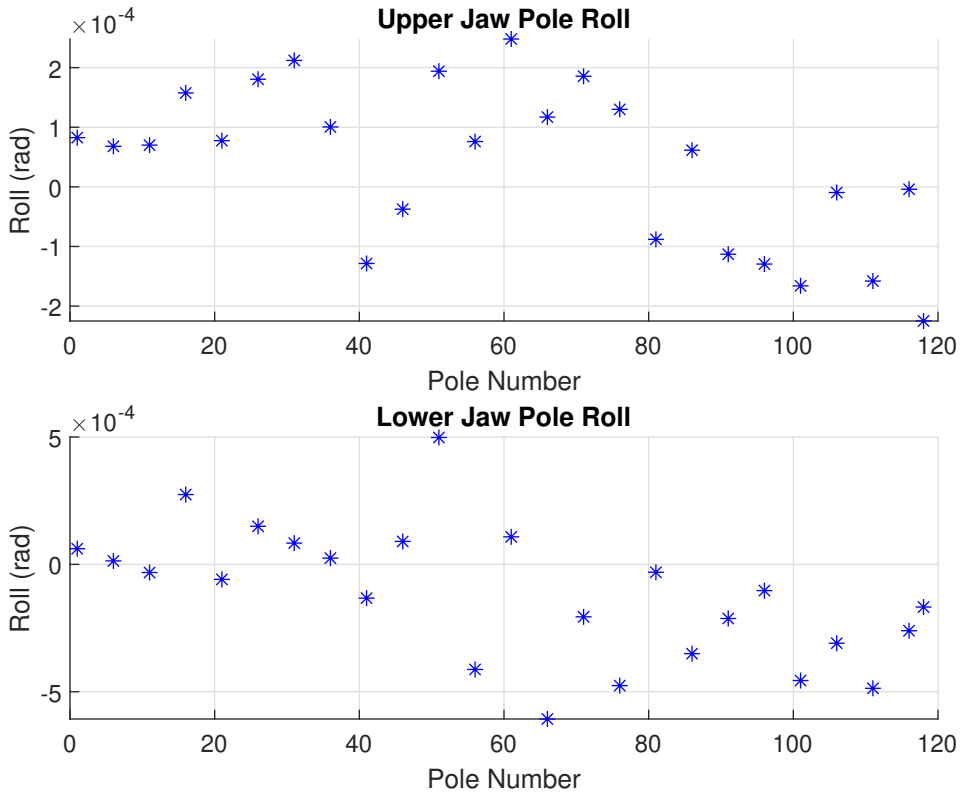

Upper Jaw Pole Y-Positions vs Z
16.57
16.56
16.55
16.54
Y (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Upper Jaw Pitch = -2.045759e-06 rad
Lower Jaw Pole Y-Positions vs Z
-16.43
-16.44
-16.45
-16.46
-16.47
Y (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pitch = -6.412509e-06 rad

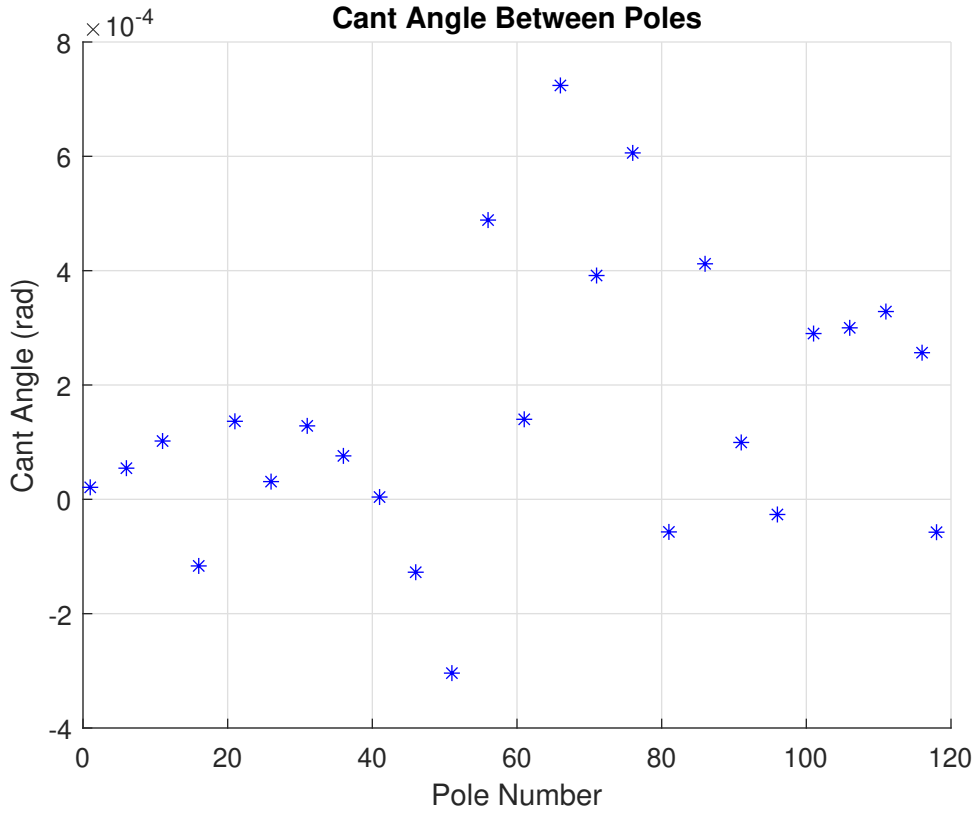

Midplane Height vs Pole Number
Ymid (mm)
0.065
0.06
0.055
0.05
0.045
0.04
0
20
40
60
80
100
120
Pole Number


Midplane Height vs Z
Ymid (mm)
Z (mm)
Pitch = -4.229134e-06 rad
0.065
0.06
0.055
0.05
0.045
0.04
1000
1500
2000
2500
3000
3500
4000
4500


Gap vs Pole Number
Gap (mm)
Pole Number
33.02
33.015
33.01
33.005
33
32.995
32.99
32.985
32.98
0
20
40
60
80
100
120


Gap vs Z
33.02
33.015
33.01
33.005
33
32.995
32.99
32.985
32.98
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = 4.366750e-06 rad


Upper Jaw Pole Roll
×10^-4
Roll (rad)
Pole Number
Lower Jaw Pole Roll
×10^-4
Roll (rad)
Pole Number


Cant Angle Between Poles
×10-4
8
6
4
2
0
-2
-4
Cant Angle (rad)
0
20
40
60
80
100
120
Pole Number