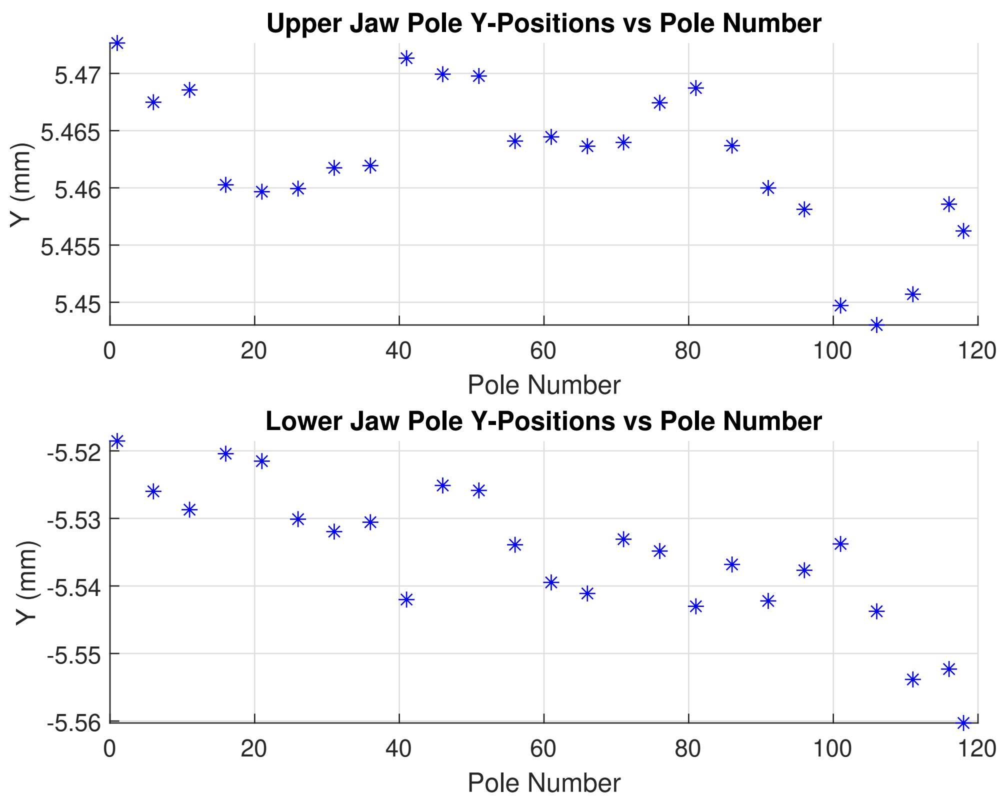
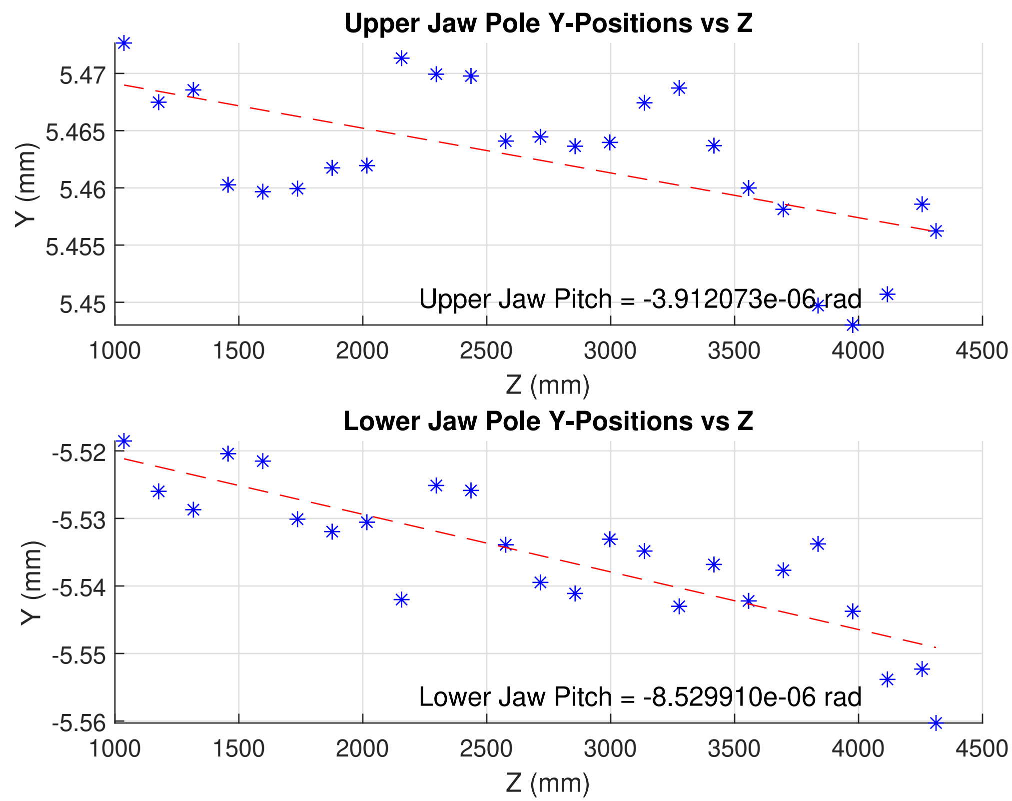
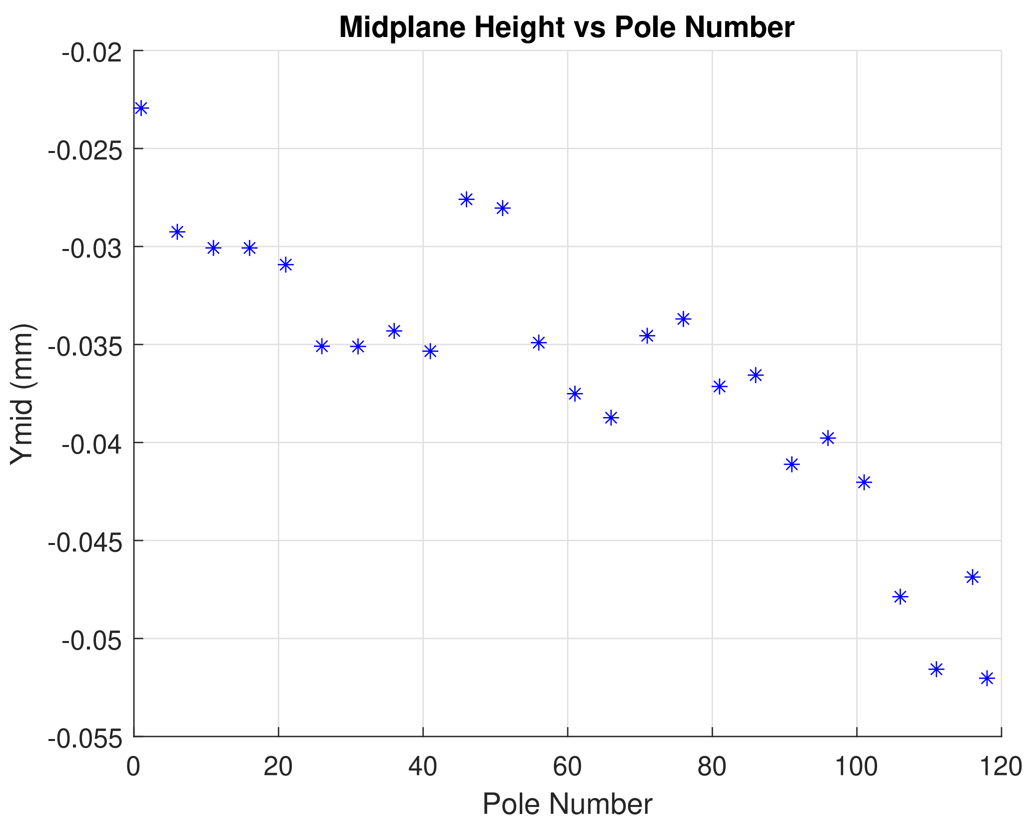
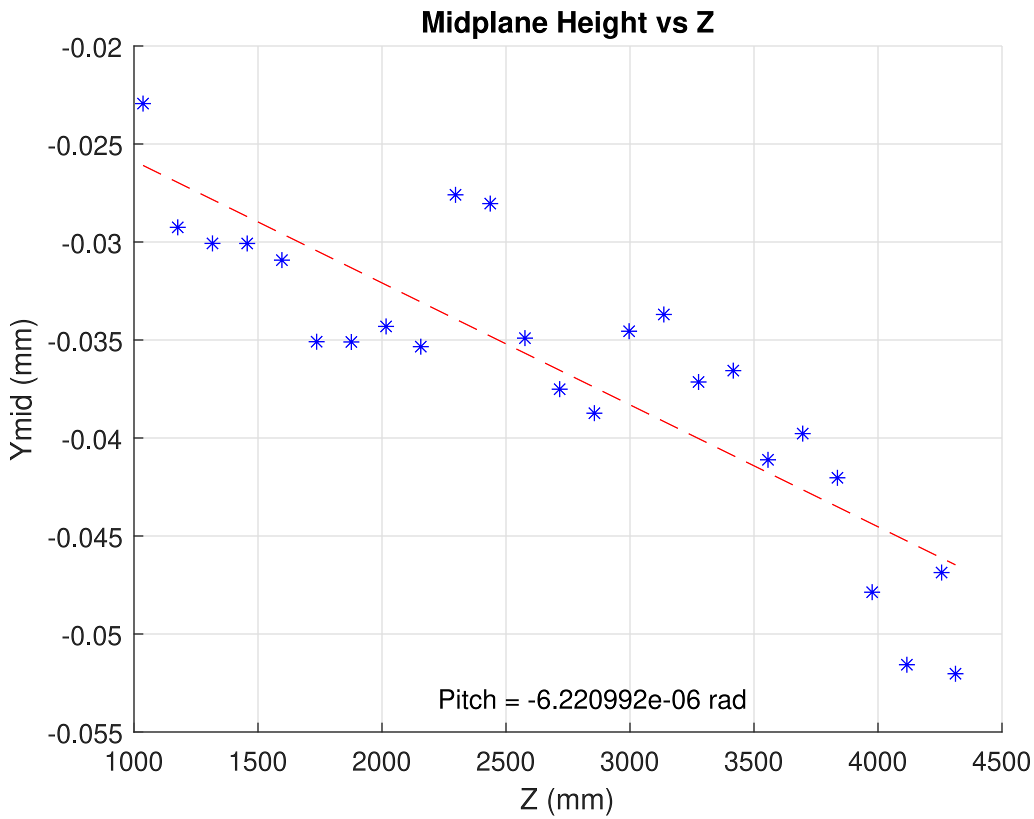
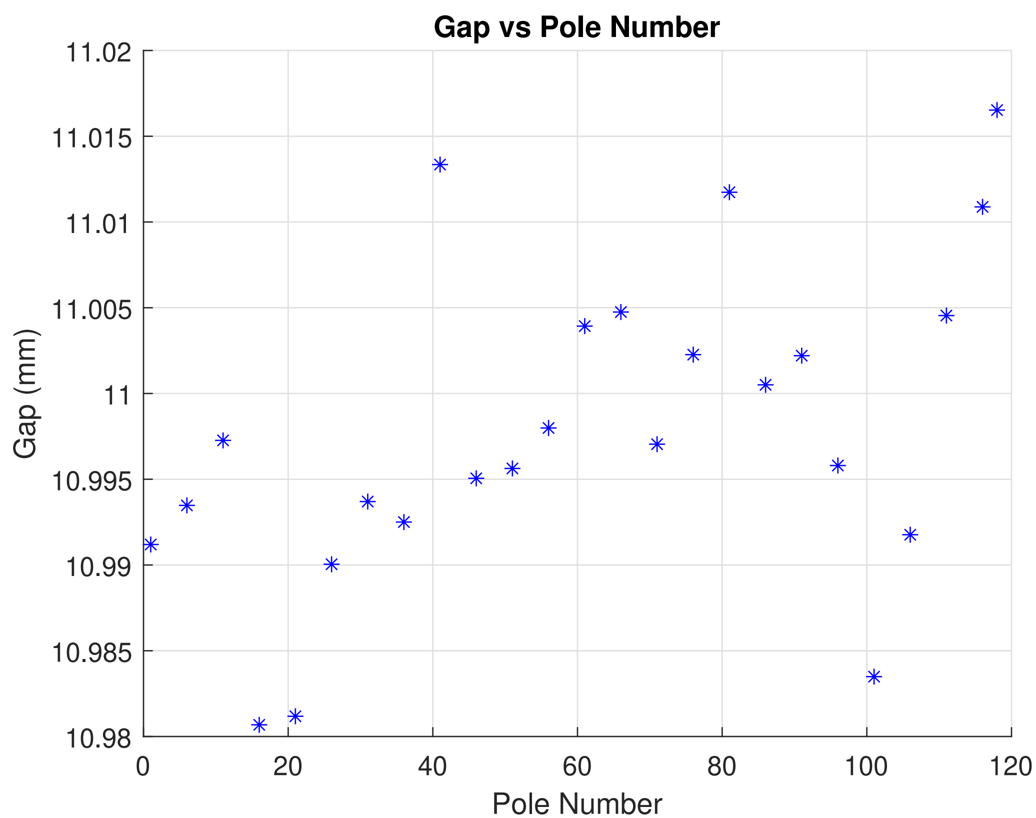
SLAC Magnetic Measurements#
Date: 05-28-2024#
Time: 17:40:00#

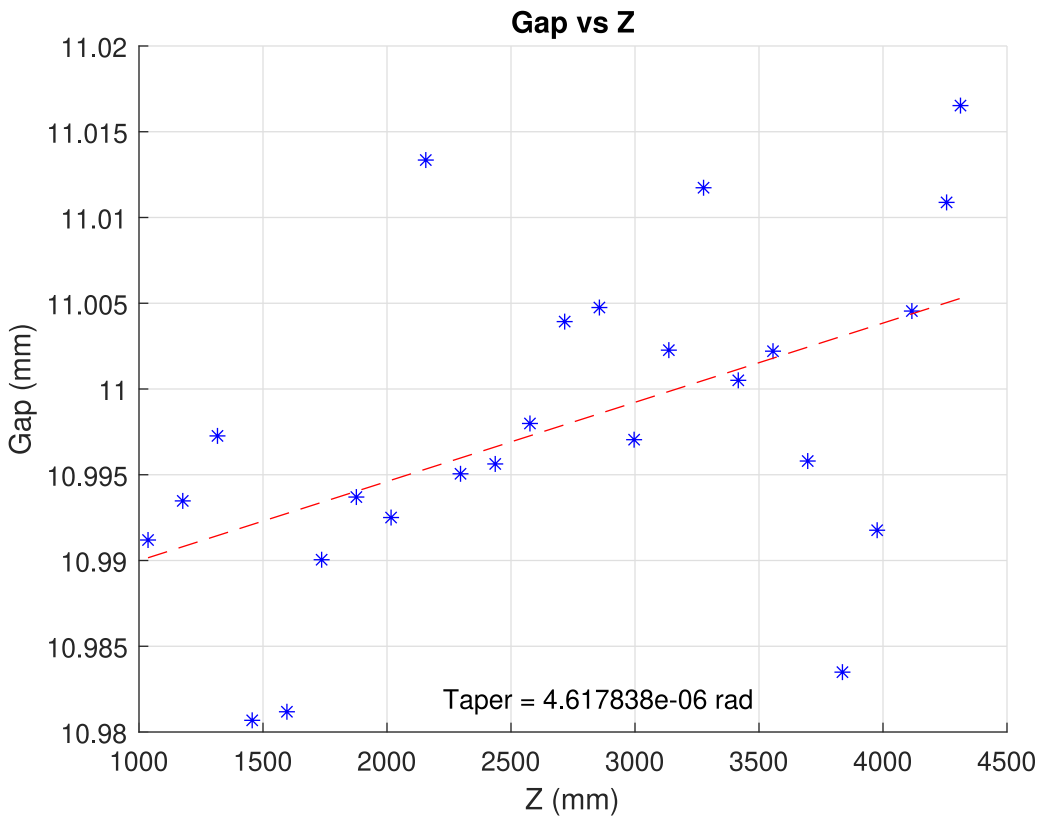

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
5.47
5.465
5.46
5.455
5.45
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-5.52
-5.53
-5.54
-5.55
-5.56
0
20
40
60
80
100
120
Pole Number

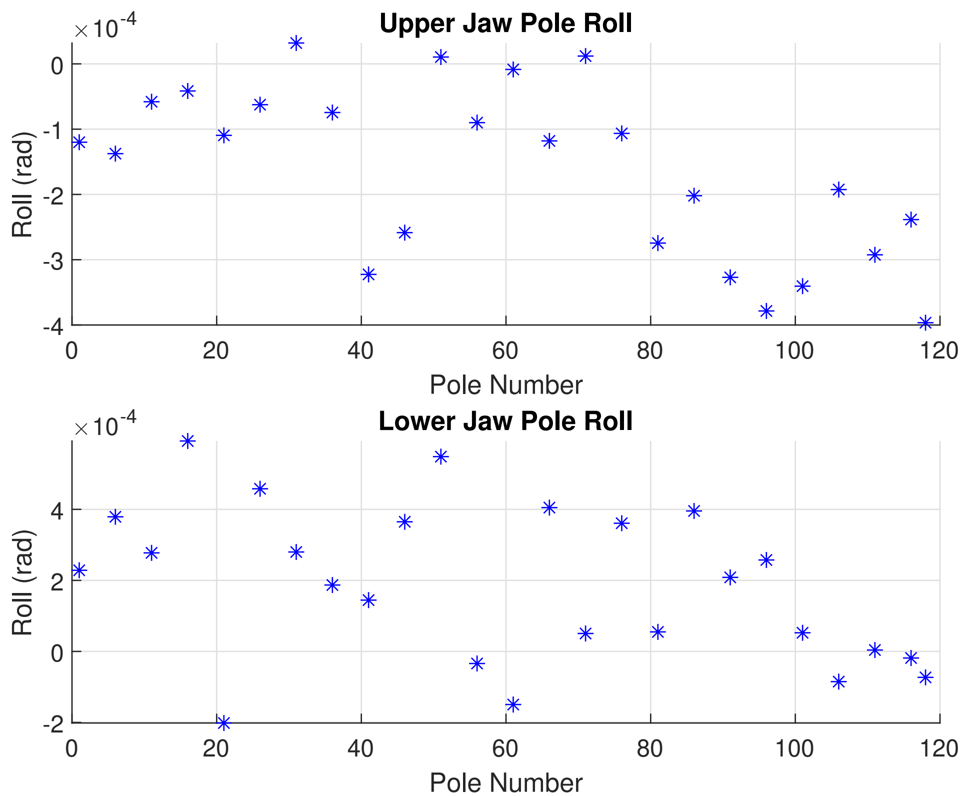

Upper Jaw Pole Y-Positions vs Z
Y (mm)
5.47
5.465
5.46
5.455
5.45
Upper Jaw Pitch = -3.912073e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-5.52
-5.53
-5.54
-5.55
-5.56
Lower Jaw Pitch = -8.529910e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

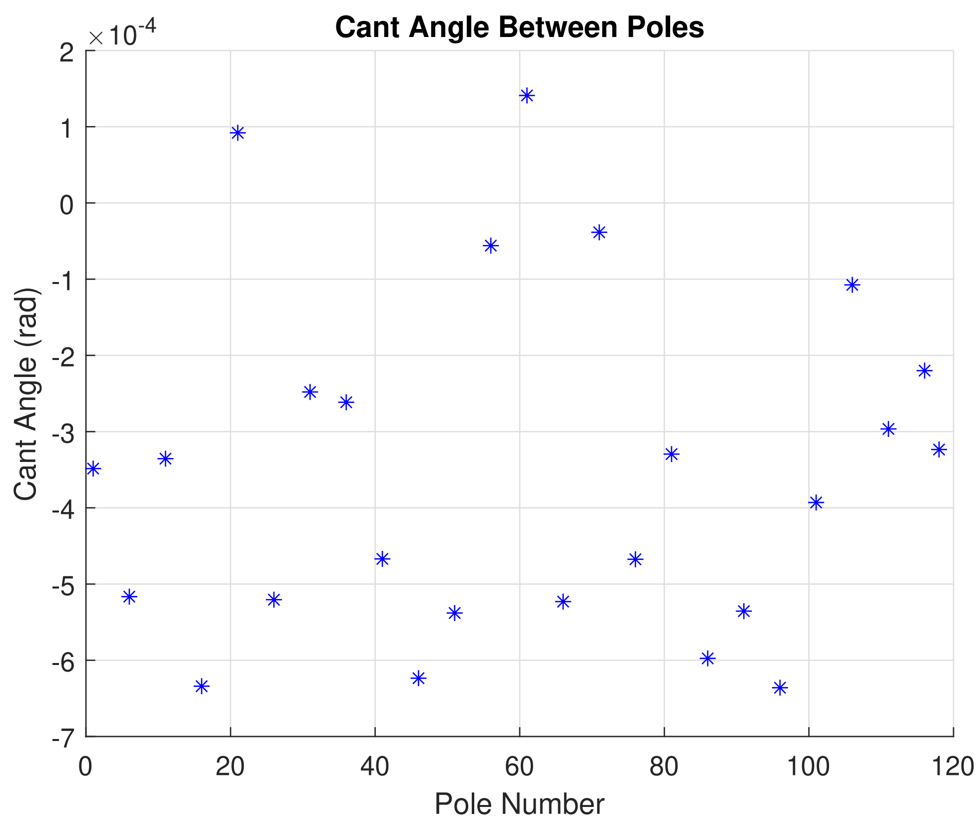

Midplane Height vs Pole Number
-0.02
-0.025
-0.03
-0.035
-0.04
-0.045
-0.05
-0.055
Ymid (mm)
0
20
40
60
80
100
120
Pole Number


Midplane Height vs Z
-0.02
-0.025
-0.03
-0.035
-0.04
-0.045
-0.05
-0.055
Ymid (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = -6.220992e-06 rad


Gap vs Pole Number
11.02
11.015
11.01
11.005
11
10.995
10.99
10.985
10.98
Gap (mm)
0
20
40
60
80
100
120
Pole Number


Gap vs Z
11.02
11.015
11.01
11.005
11
10.995
10.99
10.985
10.98
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = 4.617838e-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
4
2
0
-2
Roll (rad)
0
20
40
60
80
100
120
Pole Number



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