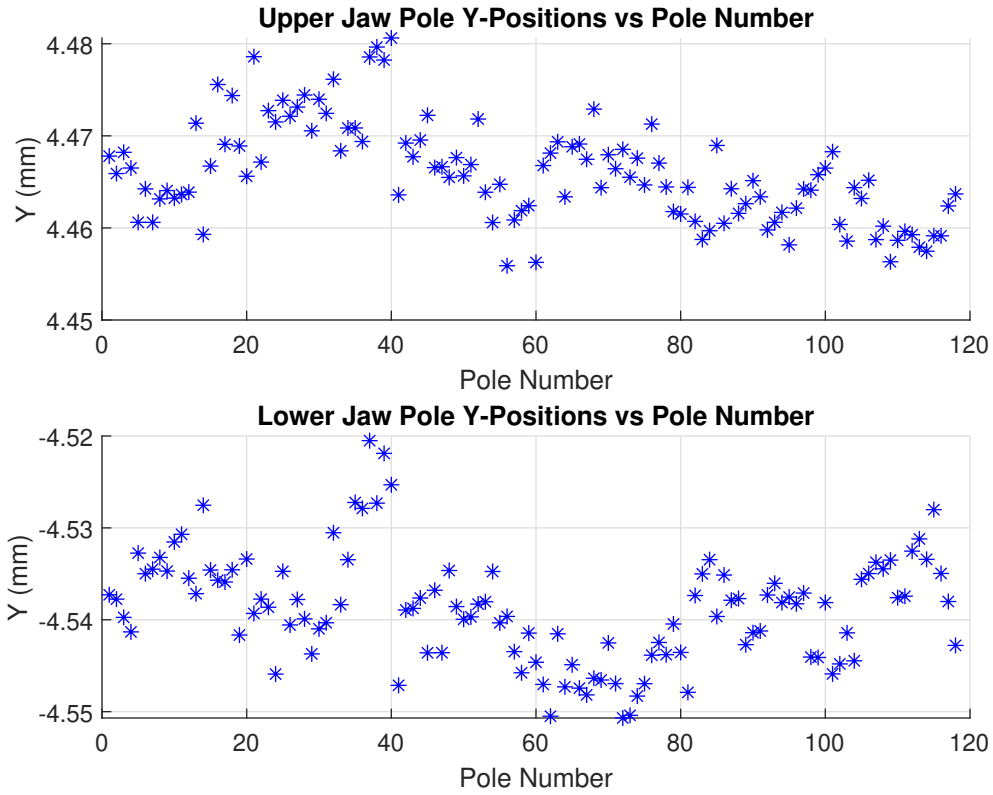
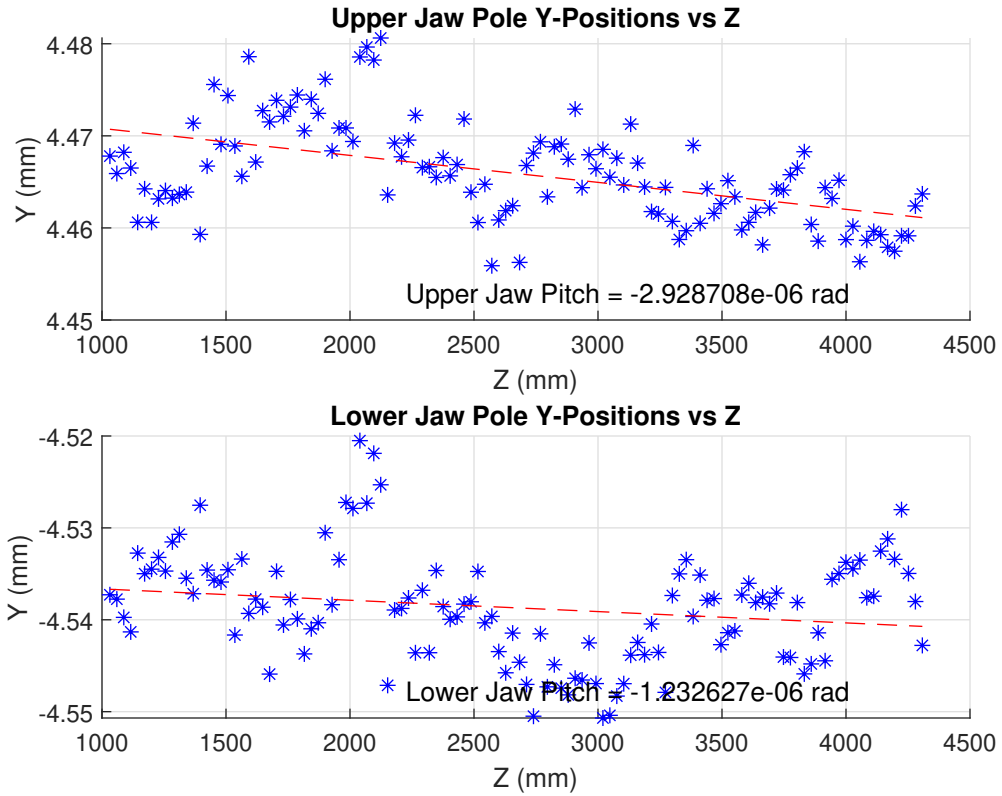
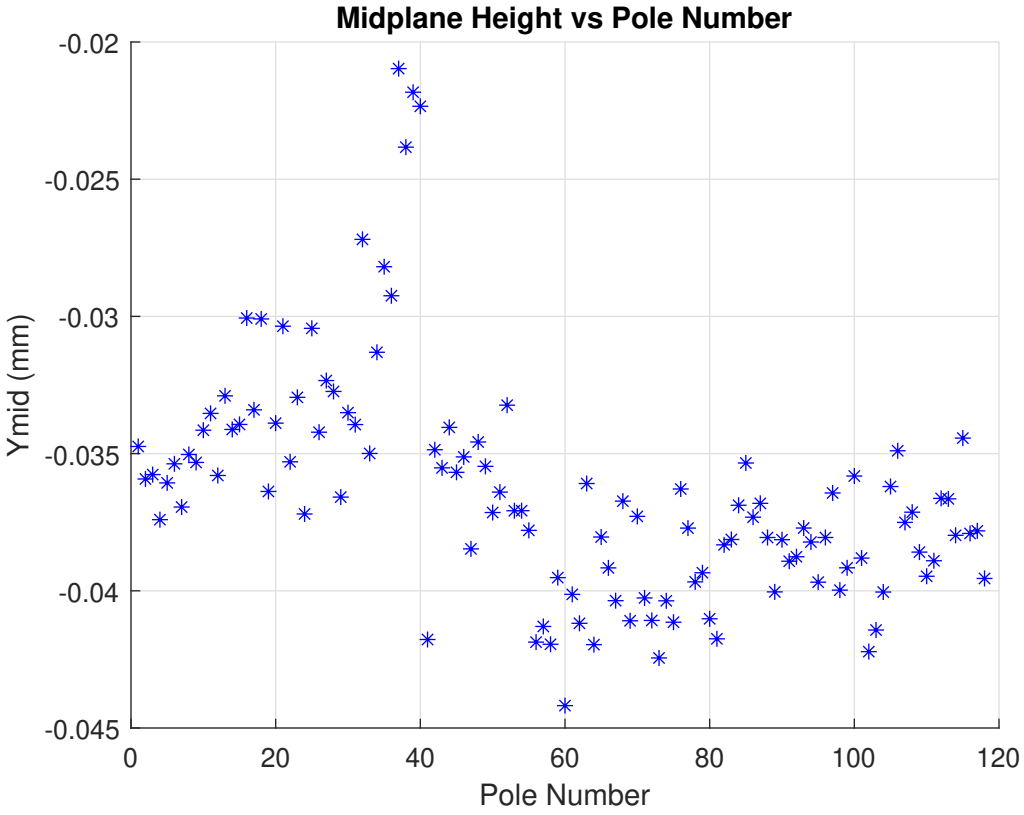
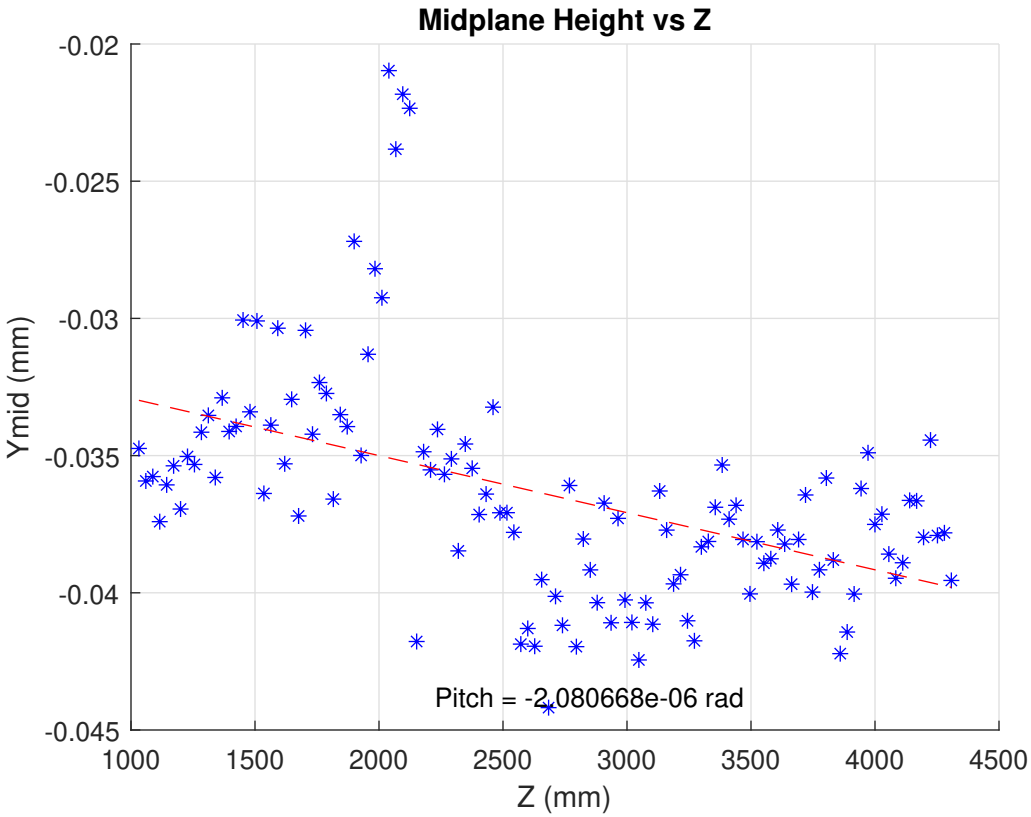
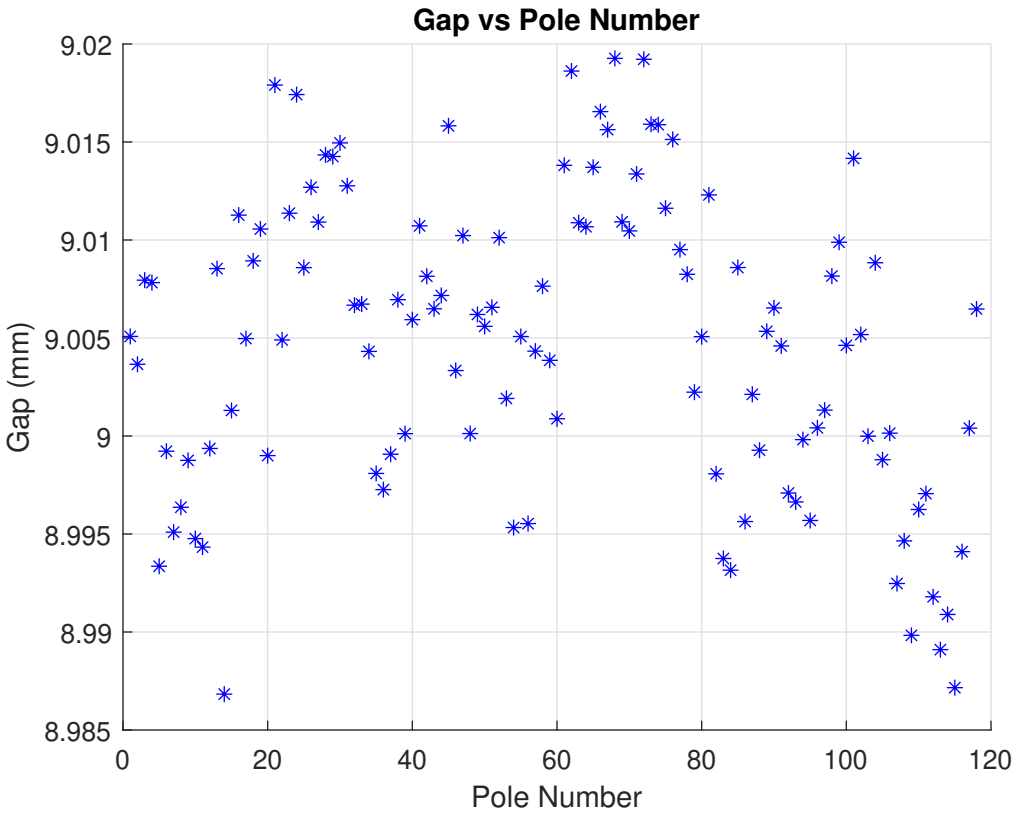
SLAC Magnetic Measurements#
Date: 09-01-2022#
Time: 14:24:36#

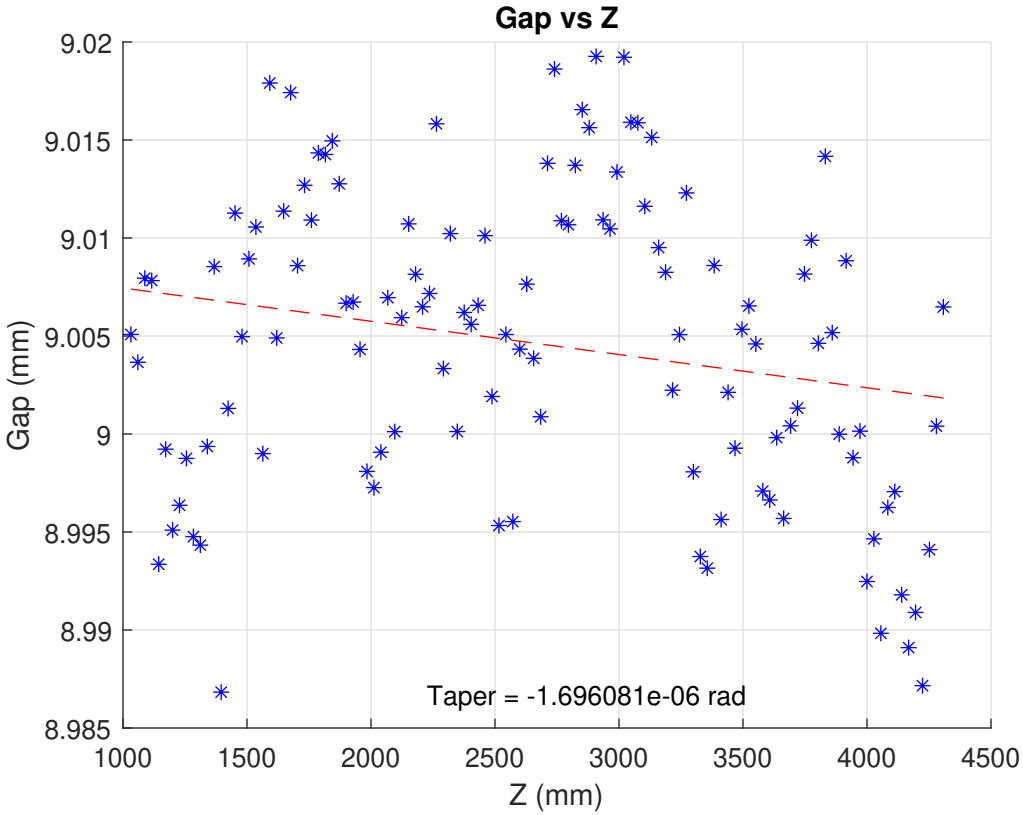

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
4.48
4.47
4.46
4.45
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-4.52
-4.53
-4.54
-4.55
0
20
40
60
80
100
120
Pole Number

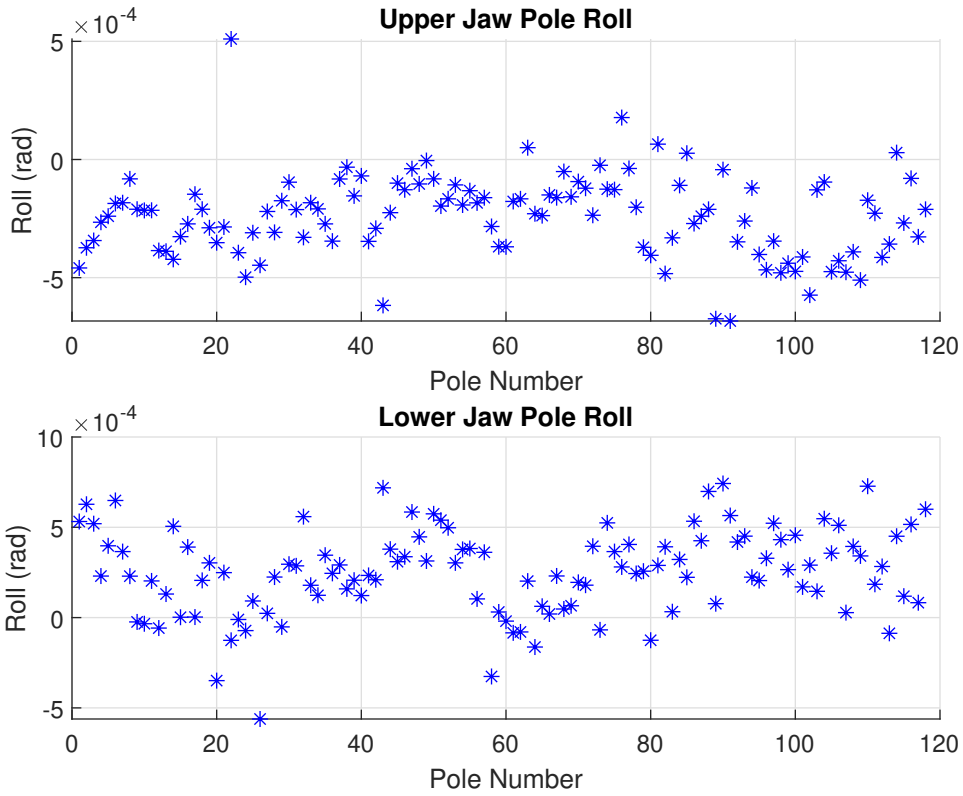

Upper Jaw Pole Y-Positions vs Z
4.48
4.47
4.46
4.45
Y (mm)
Upper Jaw Pitch = -2.928708e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
-4.52
-4.53
-4.54
-4.55
Y (mm)
Lower Jaw Pitch = -1.232627e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

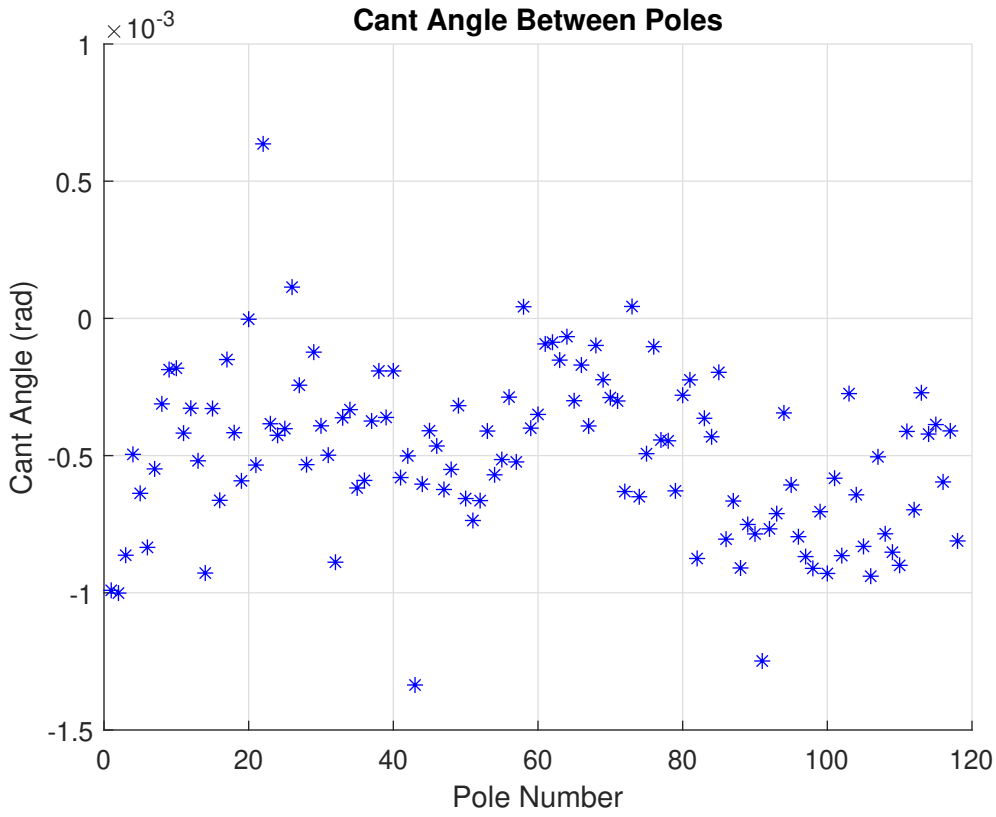

Midplane Height vs Pole Number
-0.02
-0.025
-0.03
-0.035
-0.04
-0.045
Ymid (mm)
0
20
40
60
80
100
120
Pole Number


Midplane Height vs Z
-0.02
-0.025
-0.03
-0.035
-0.04
-0.045
Ymid (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = -2.080668e-06 rad


Gap vs Pole Number
9.02
9.015
9.01
9.005
9
8.995
8.99
8.985
Gap (mm)
0
20
40
60
80
100
120
Pole Number


Gap vs Z
9.02
9.015
9.01
9.005
9
8.995
8.99
8.985
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -1.696081e-06 rad


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


Cant Angle Between Poles
×10-3
1
0.5
0
-0.5
-1
-1.5
Cant Angle (rad)
0
20
40
60
80
100
120
Pole Number