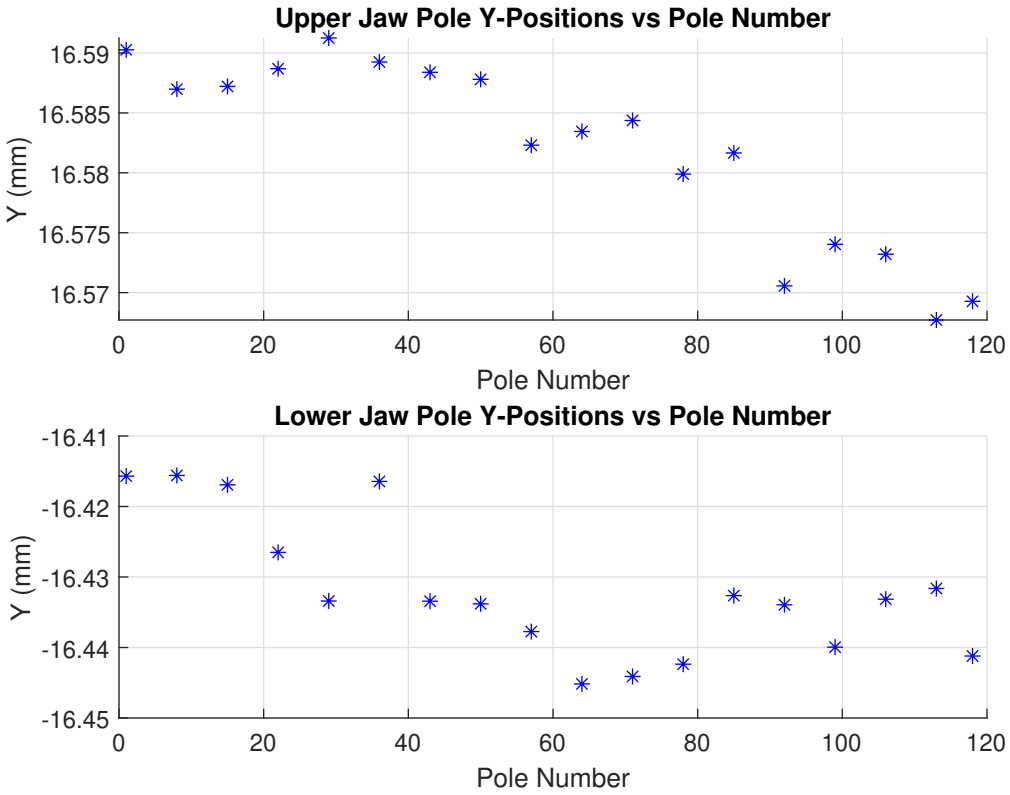
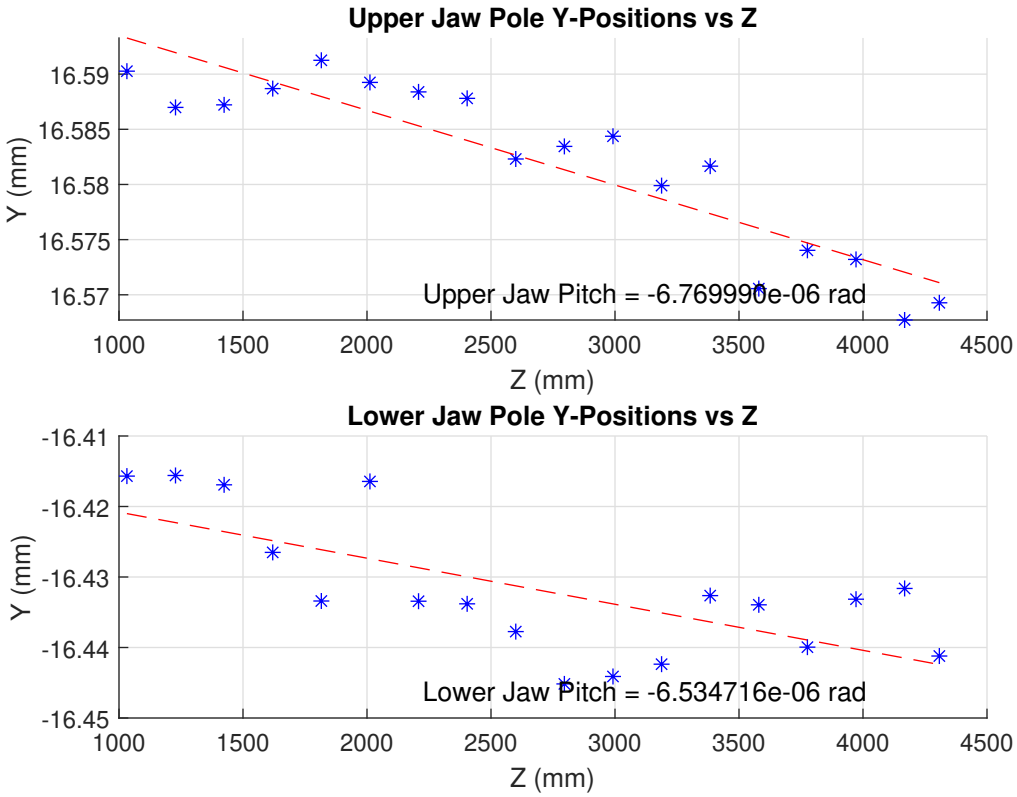
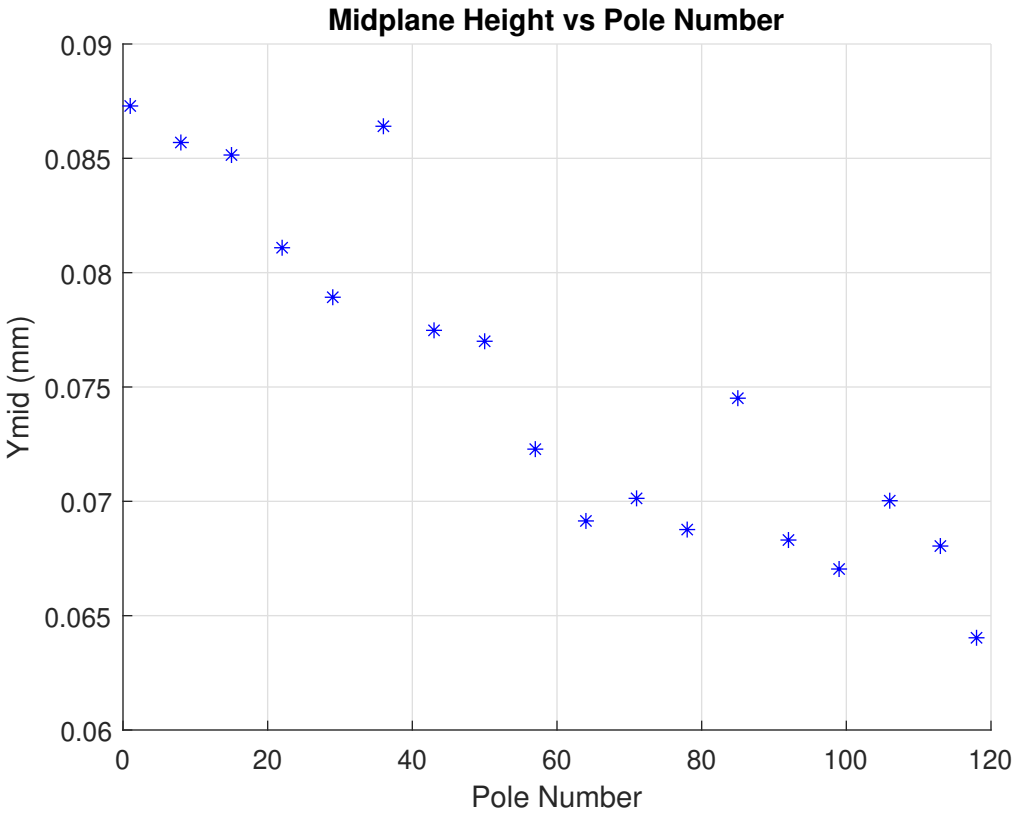
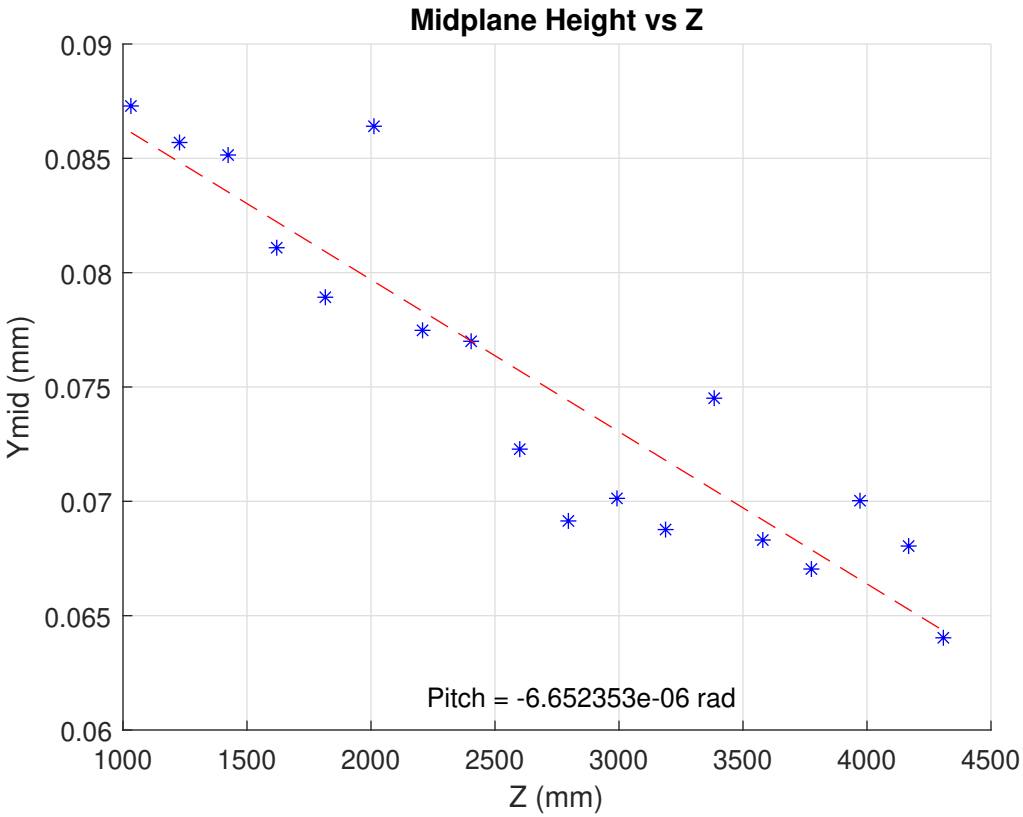
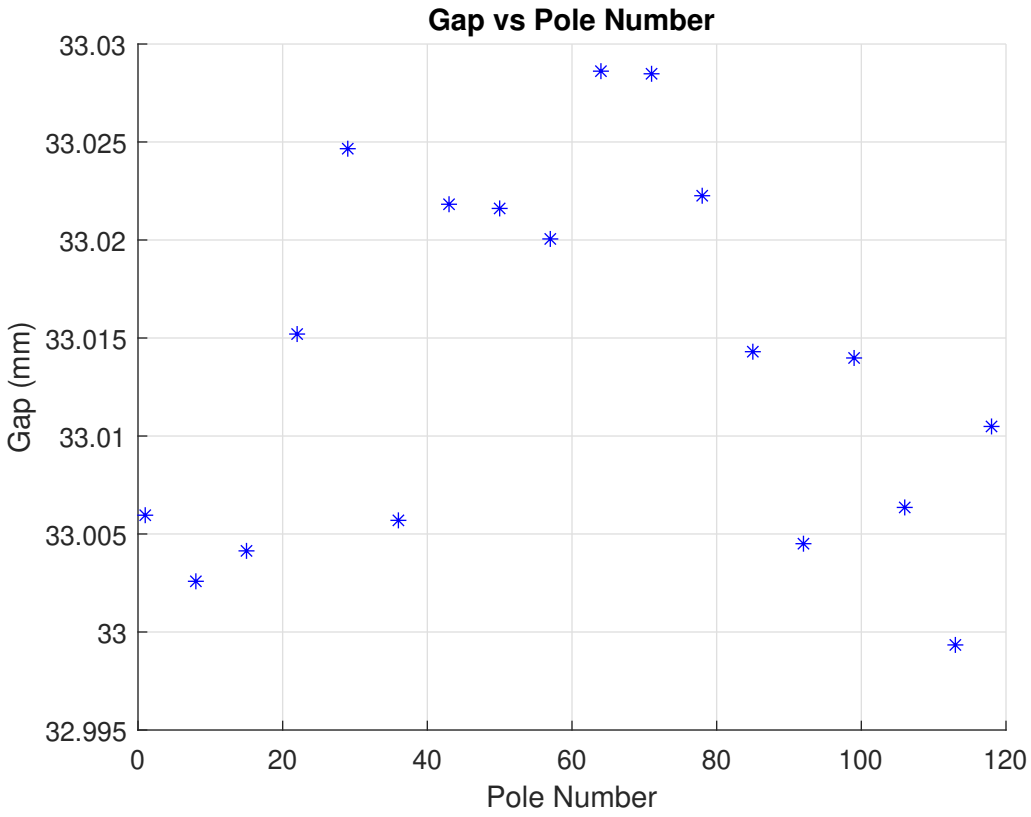
SLAC Magnetic Measurements#
Date: 09-01-2022#
Time: 14:24:08#

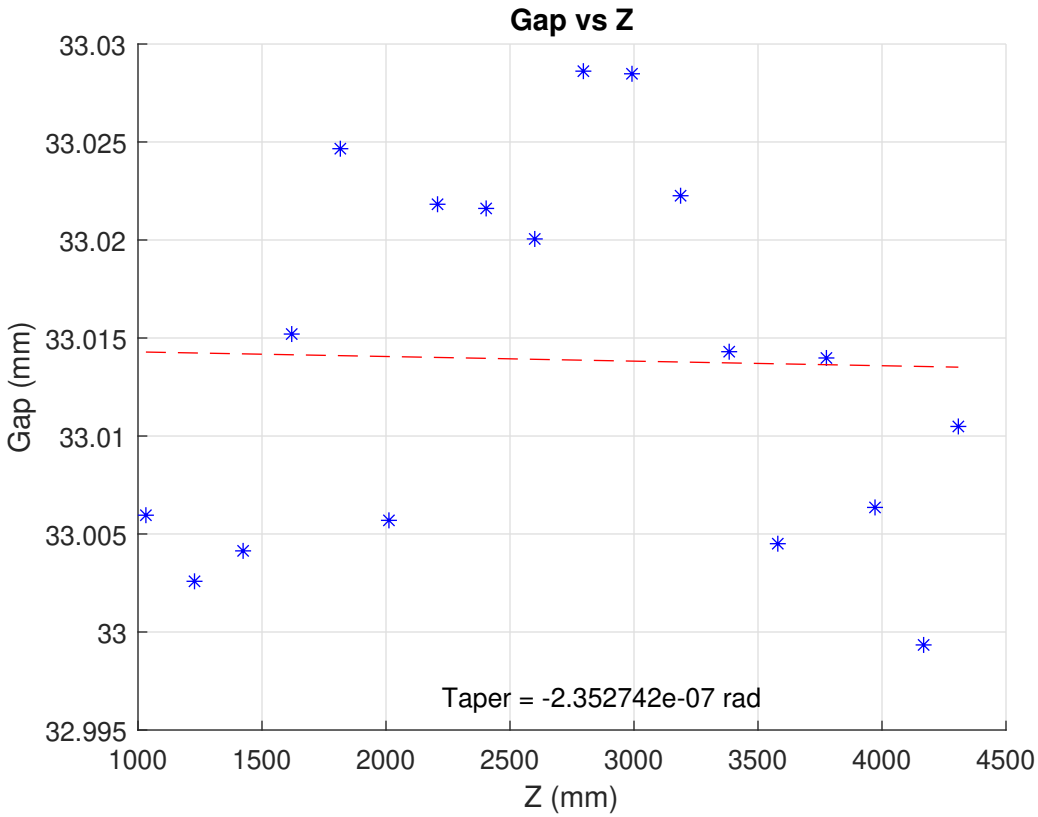

Upper Jaw Pole Y-Positions vs Pole Number
16.59
16.585
16.58
16.575
16.57
Y (mm)
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
-16.41
-16.42
-16.43
-16.44
-16.45
Y (mm)
0
20
40
60
80
100
120
Pole Number

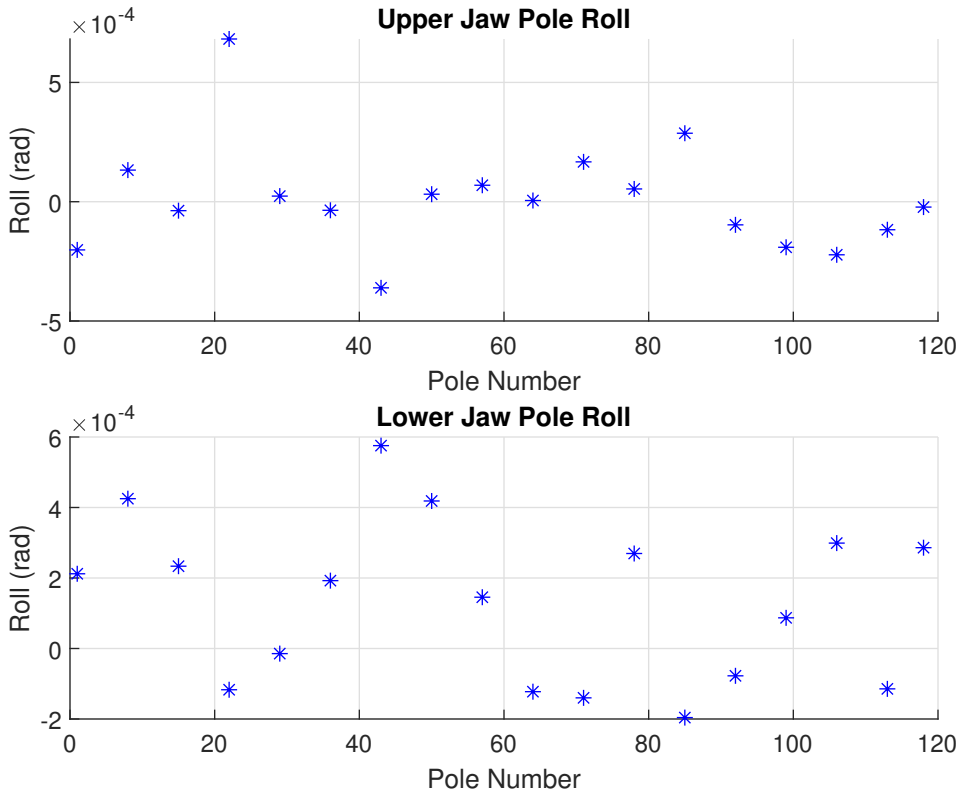

Upper Jaw Pole Y-Positions vs Z
Y (mm)
16.59
16.585
16.58
16.575
16.57
Upper Jaw Pitch = -6.769990e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-16.41
-16.42
-16.43
-16.44
-16.45
Lower Jaw Pitch = -6.534716e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

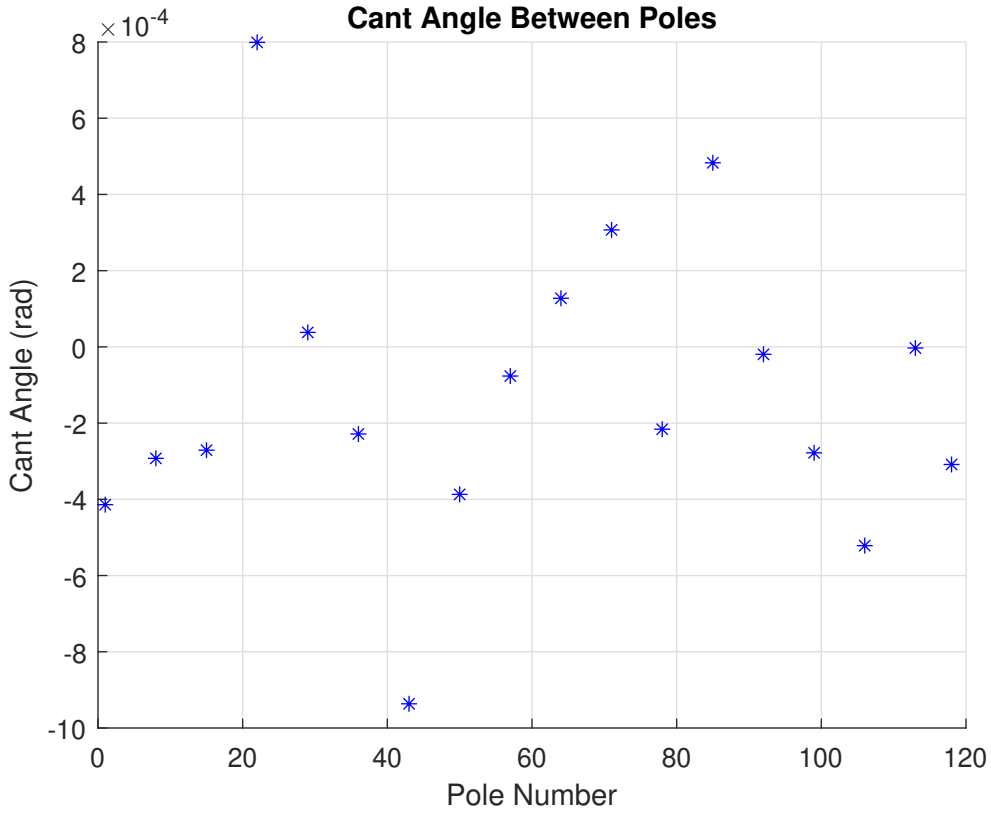

Midplane Height vs Pole Number
Ymid (mm)
0.09
0.085
0.08
0.075
0.07
0.065
0.06
0
20
40
60
80
100
120
Pole Number


Midplane Height vs Z
Ymid (mm)
Z (mm)
Pitch = -6.652353e-06 rad
0.09
0.085
0.08
0.075
0.07
0.065
0.06
1000
1500
2000
2500
3000
3500
4000
4500


Gap vs Pole Number
Gap (mm)
33.03
33.025
33.02
33.015
33.01
33.005
33
32.995
0
20
40
60
80
100
120
Pole Number


Gap vs Z
33.03
33.025
33.02
33.015
33.01
33.005
33
32.995
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -2.352742e-07 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
6
4
2
0
-2
Roll (rad)
0
20
40
60
80
100
120
Pole Number


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