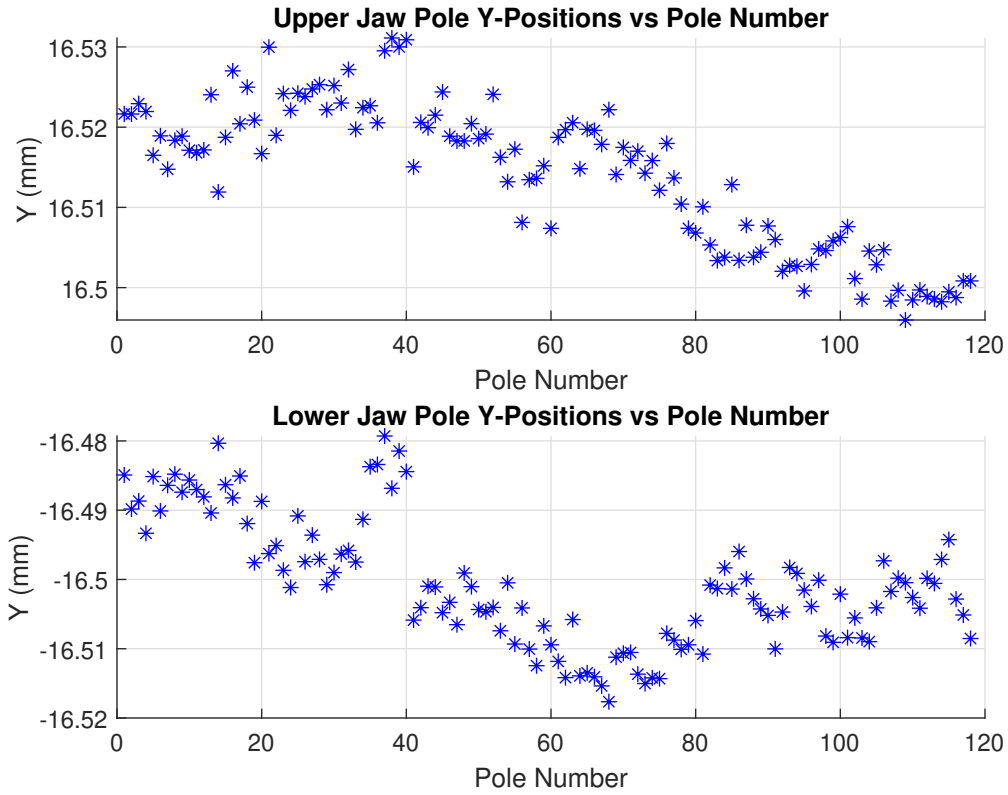
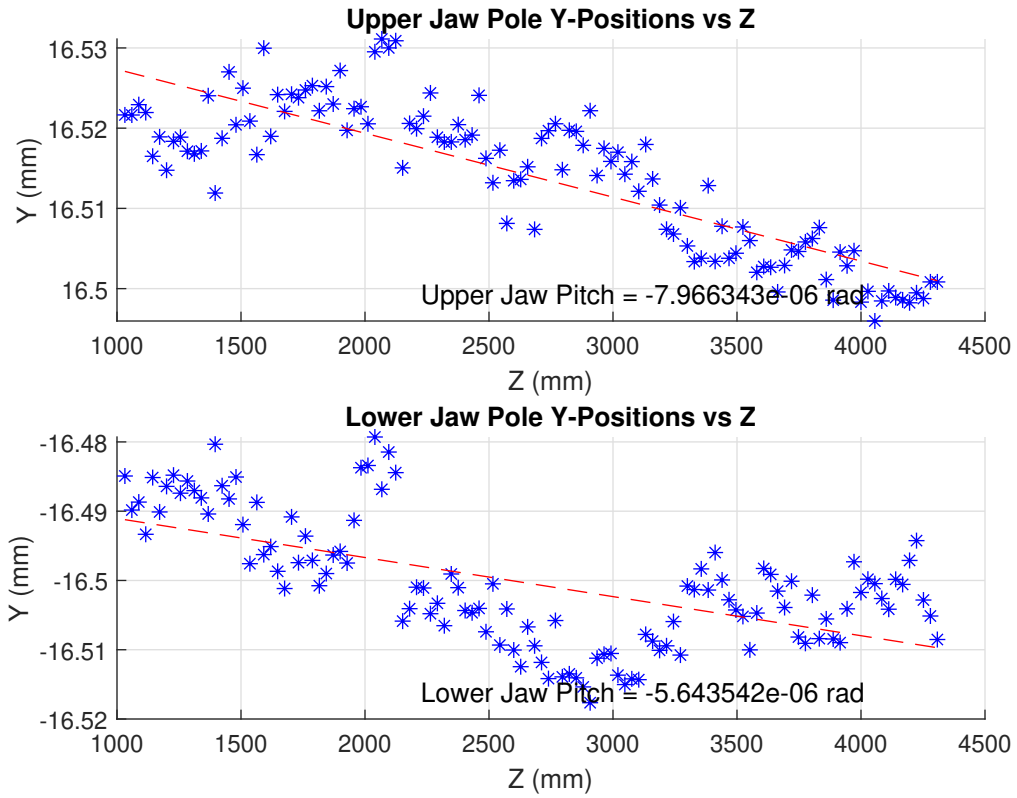
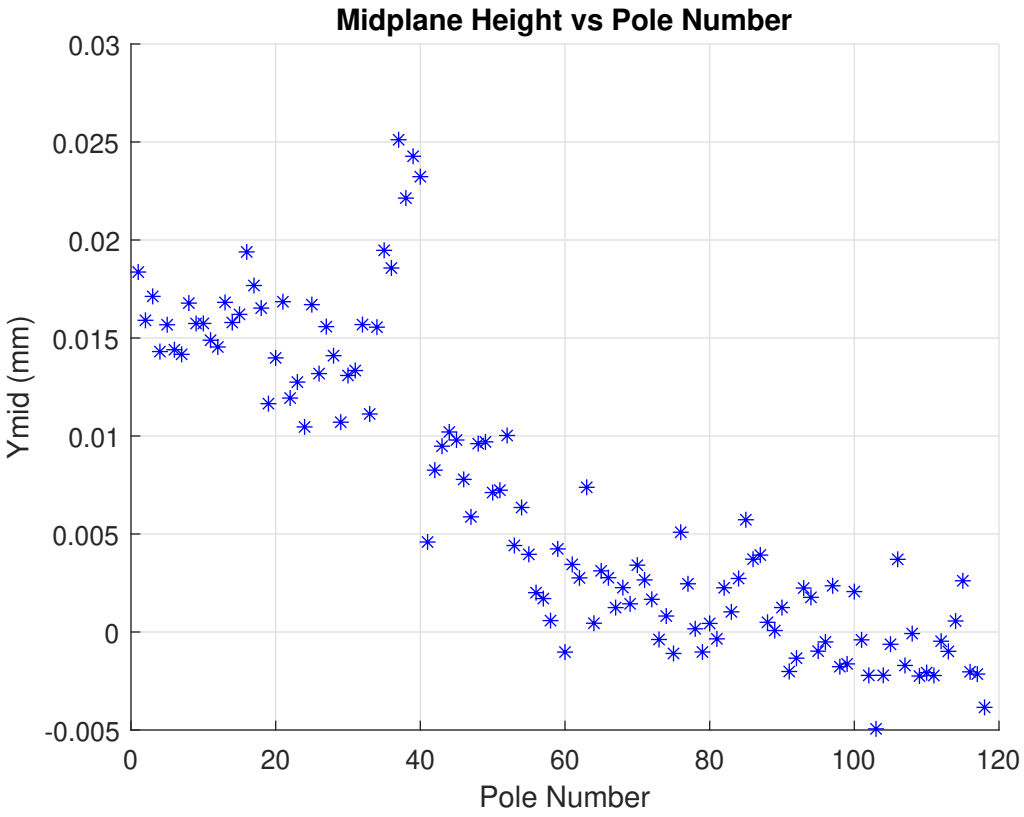
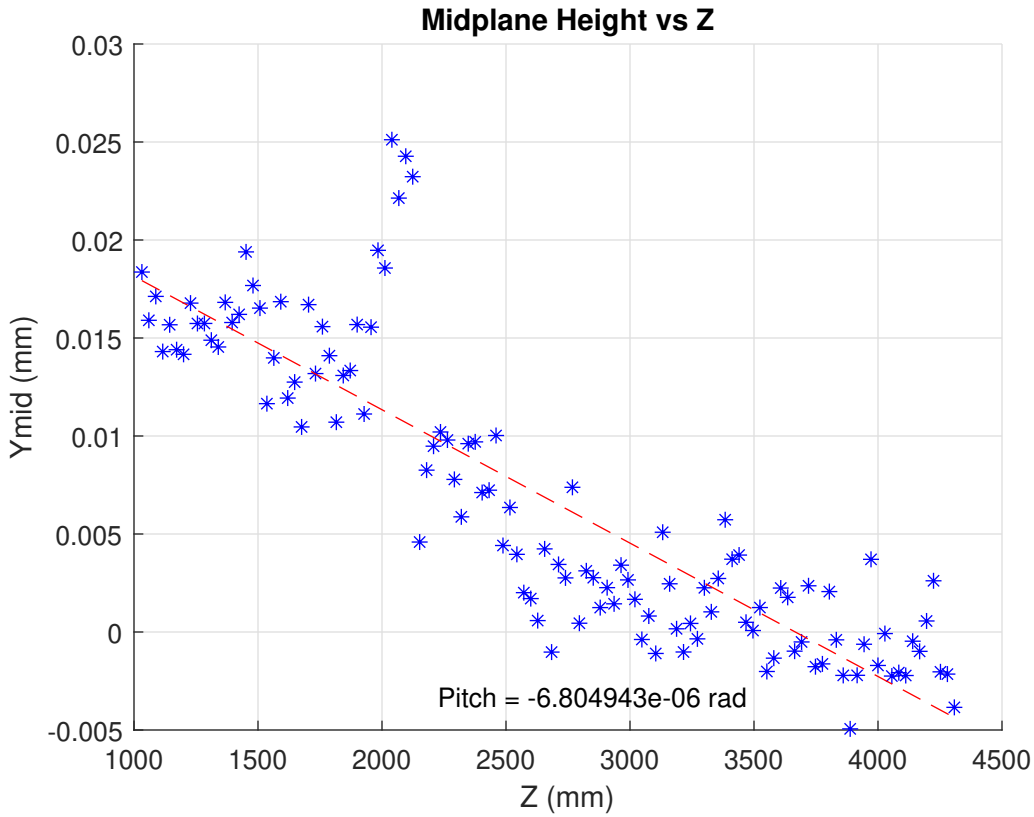
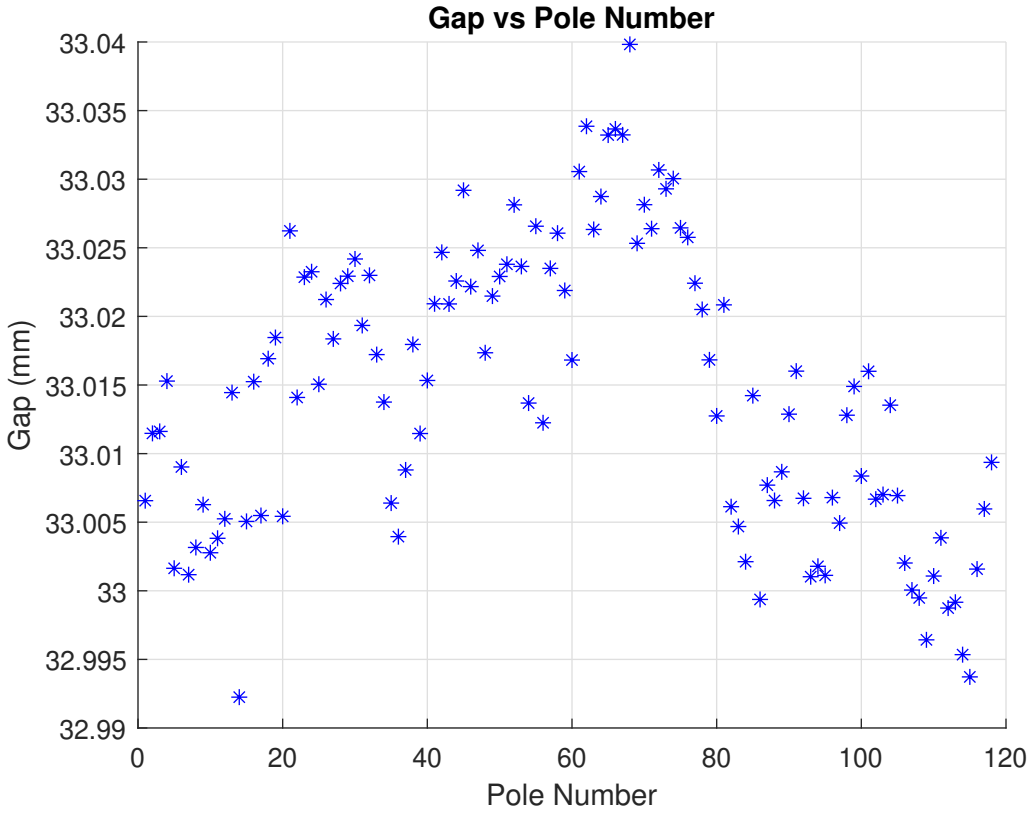
SLAC Magnetic Measurements#
Date: 09-01-2022#
Time: 14:23:57#

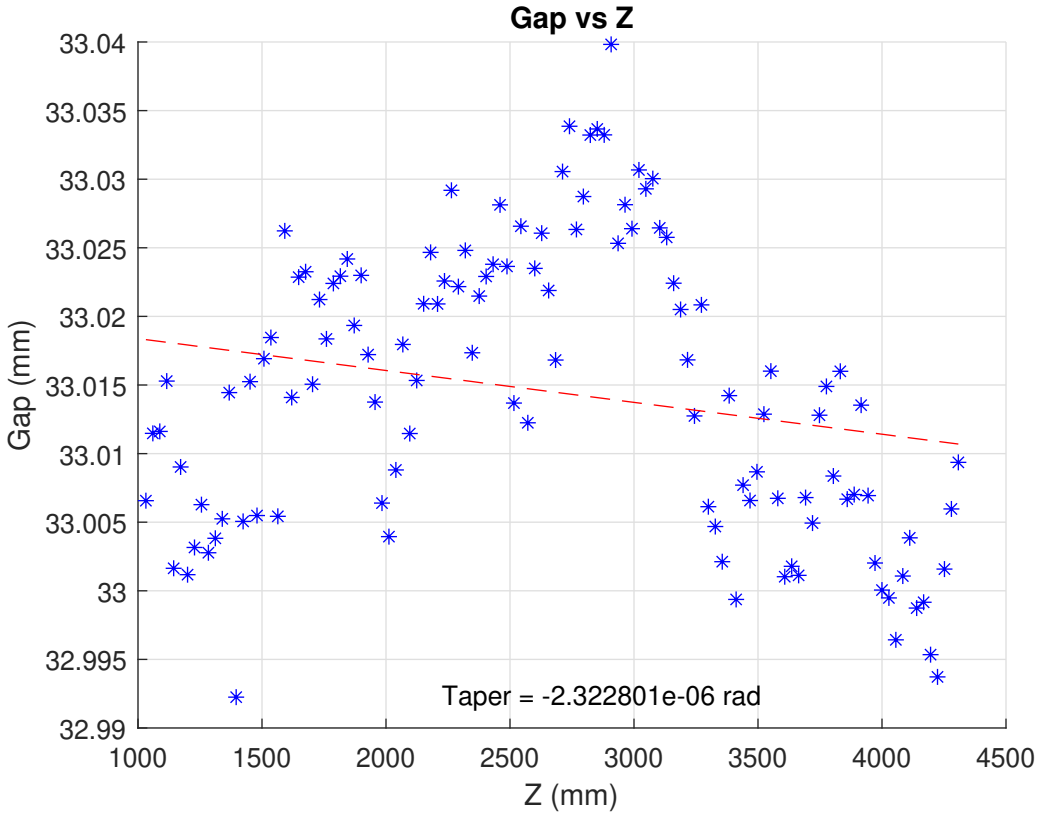

Upper Jaw Pole Y-Positions vs Pole Number
16.53
16.52
16.51
16.5
Y (mm)
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
-16.48
-16.49
-16.5
-16.51
-16.52
Y (mm)
0
20
40
60
80
100
120
Pole Number

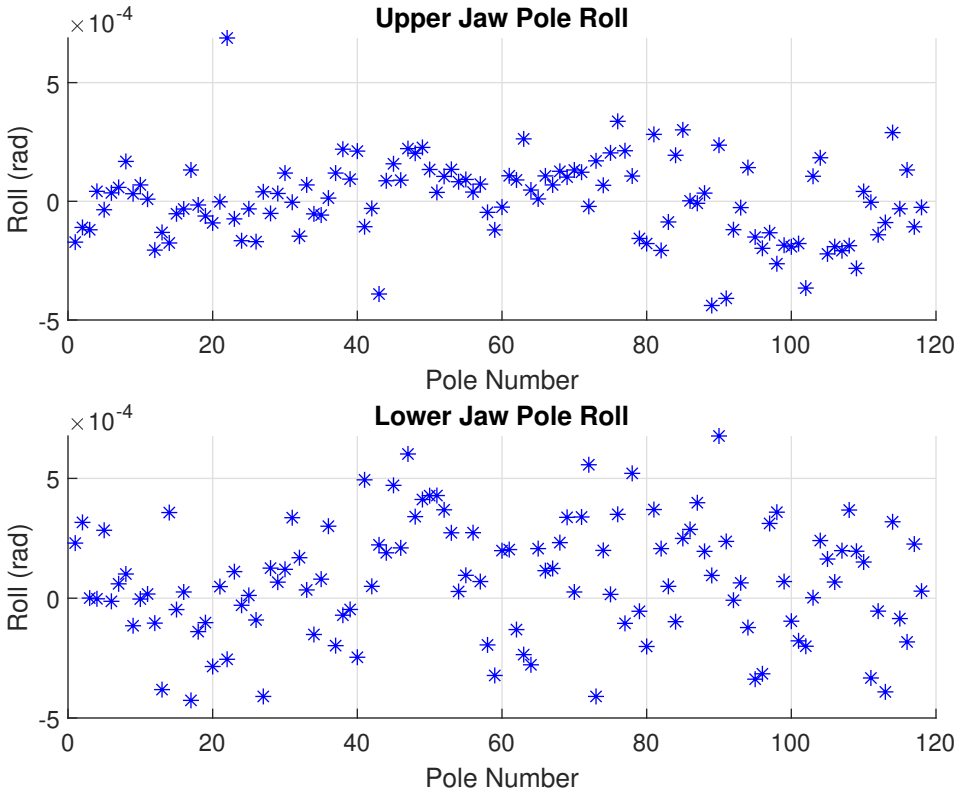

Upper Jaw Pole Y-Positions vs Z
16.53
16.52
16.51
16.5
Y (mm)
Upper Jaw Pitch = -7.966343e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
-16.48
-16.49
-16.5
-16.51
-16.52
Y (mm)
Lower Jaw Pitch = -5.643542e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

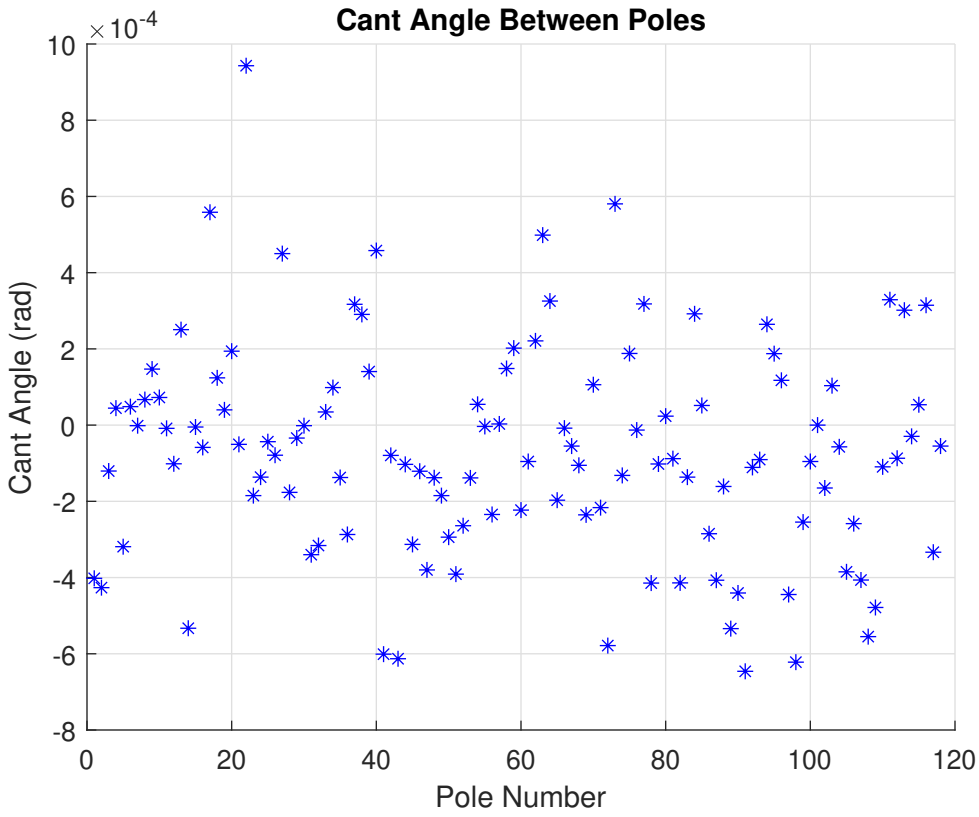

Midplane Height vs Pole Number
Ymid (mm)
Pole Number
0.03
0.025
0.02
0.015
0.01
0.005
0
-0.005
0
20
40
60
80
100
120


Midplane Height vs Z
Ymid (mm)
Z (mm)
Pitch = -6.804943e-06 rad
0.03
0.025
0.02
0.015
0.01
0.005
0
-0.005
1000
1500
2000
2500
3000
3500
4000
4500


Gap vs Pole Number
Gap (mm)
Pole Number
33.04
33.035
33.03
33.025
33.02
33.015
33.01
33.005
33
32.995
32.99
0
20
40
60
80
100
120


Gap vs Z
Gap (mm)
Z (mm)
Taper = -2.322801e-06 rad
33.04
33.035
33.03
33.025
33.02
33.015
33.01
33.005
33
32.995
32.99
1000
1500
2000
2500
3000
3500
4000
4500


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
5
0
-5
Roll (rad)
0
20
40
60
80
100
120
Pole Number


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