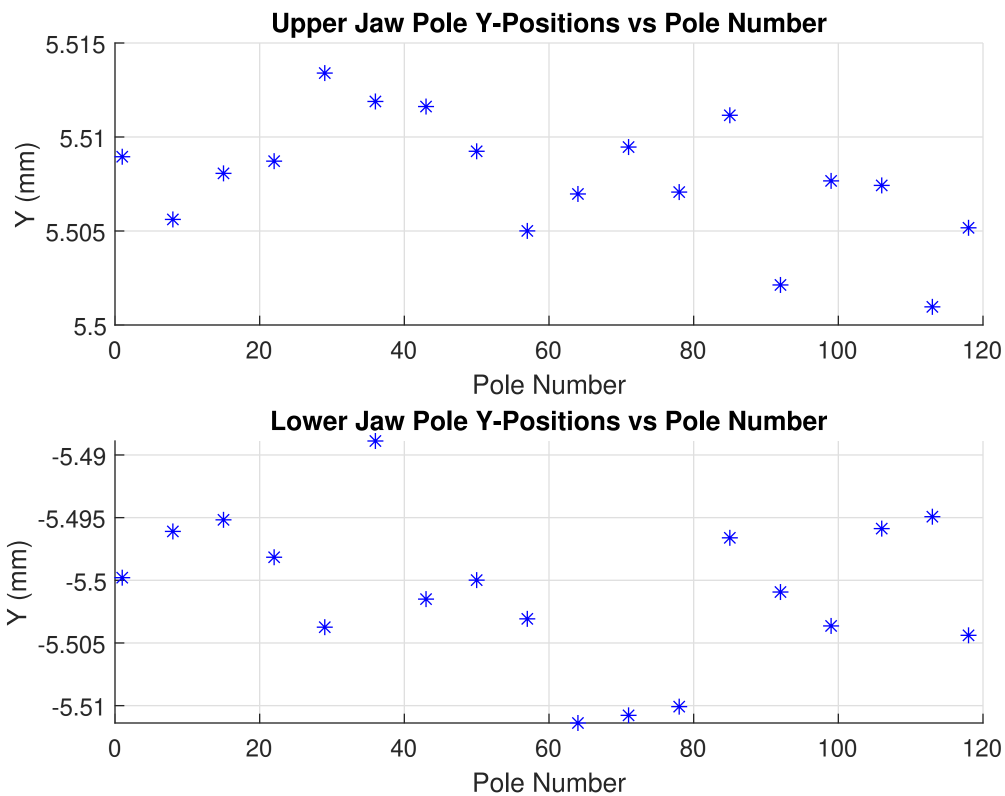
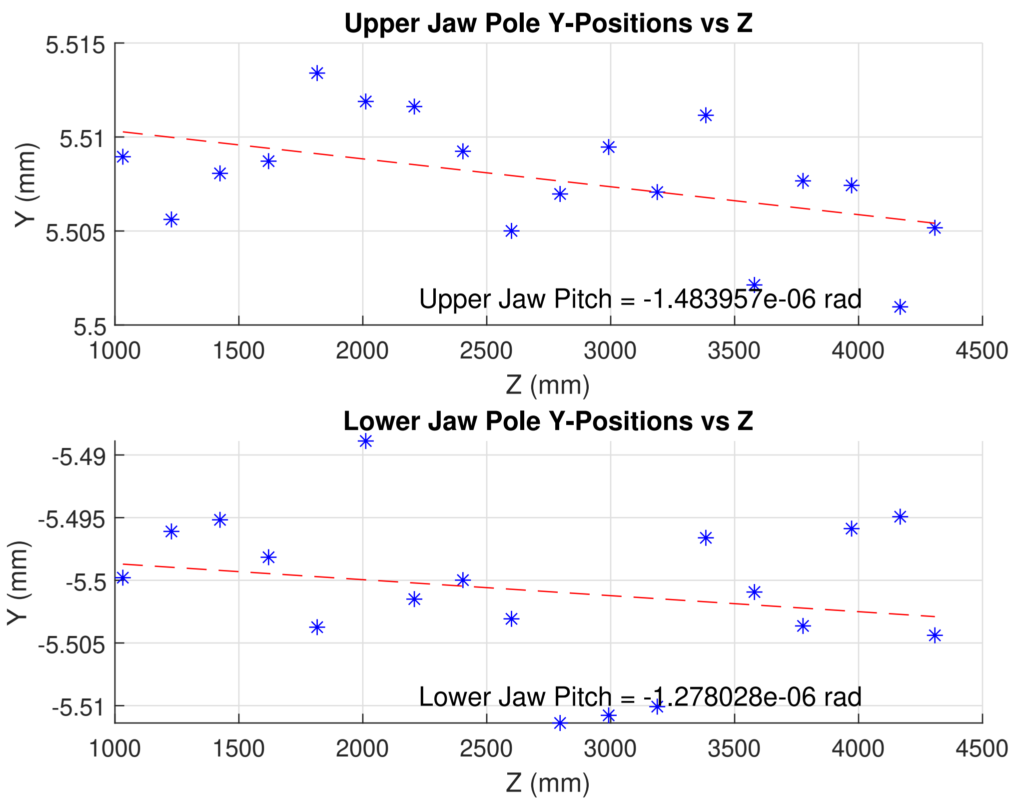
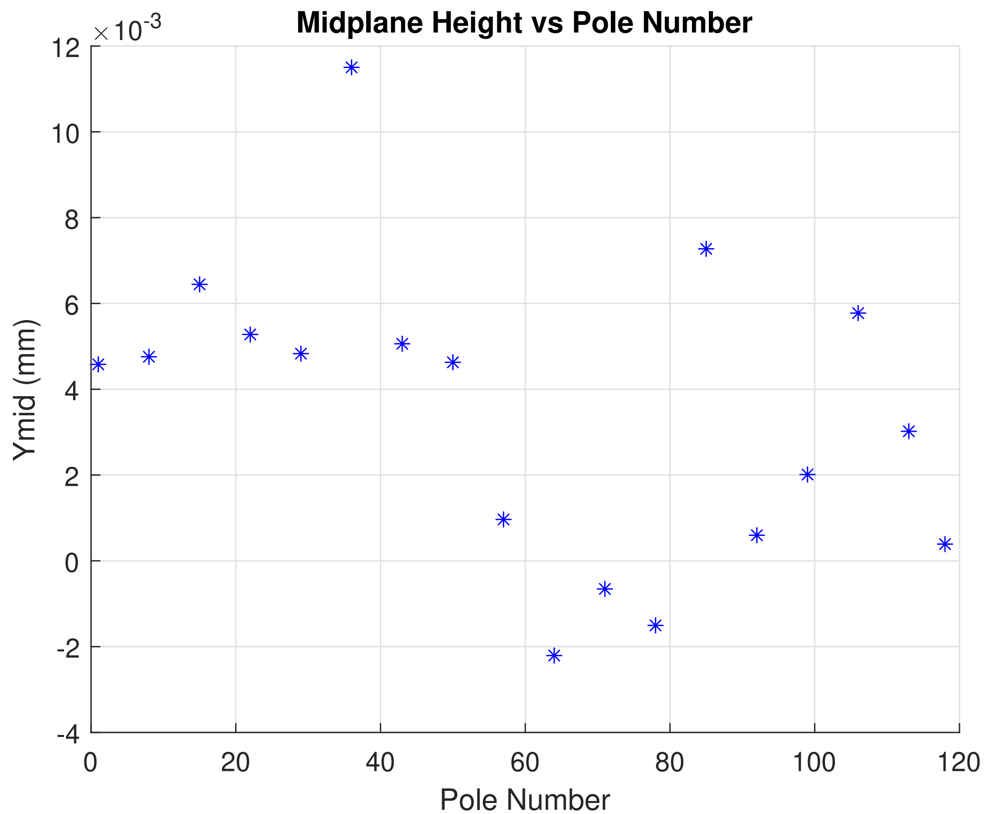
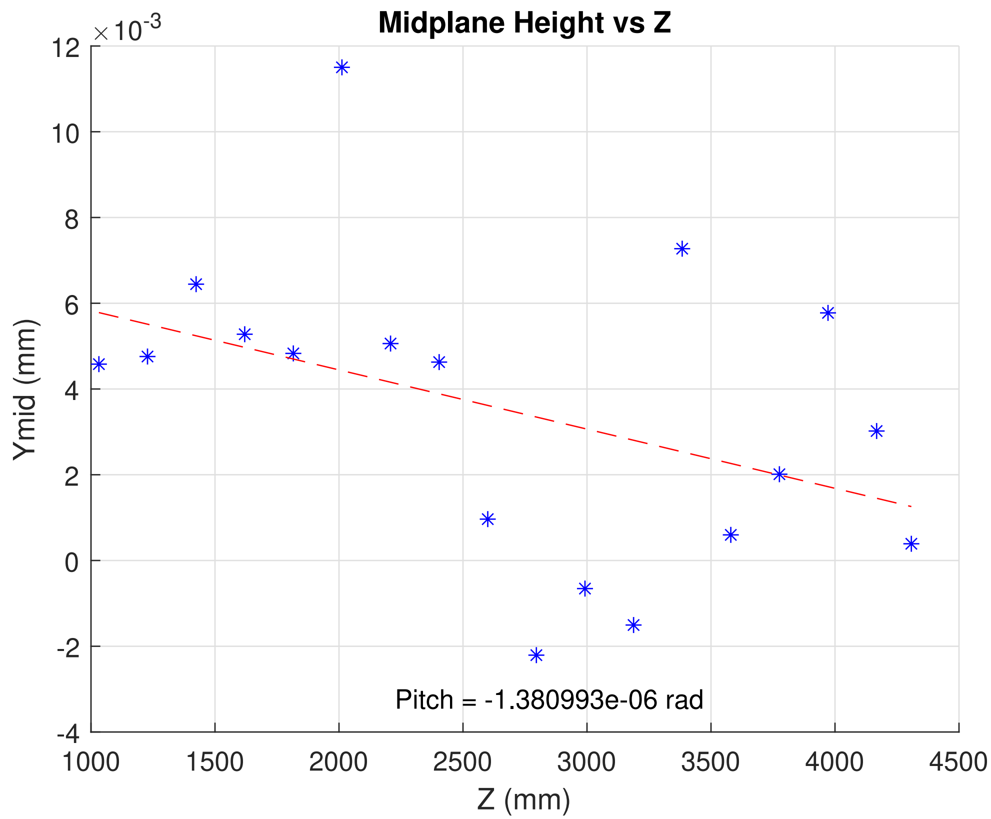
SLAC Magnetic Measurements#
Date: 09-01-2022#
Time: 14:23:28#



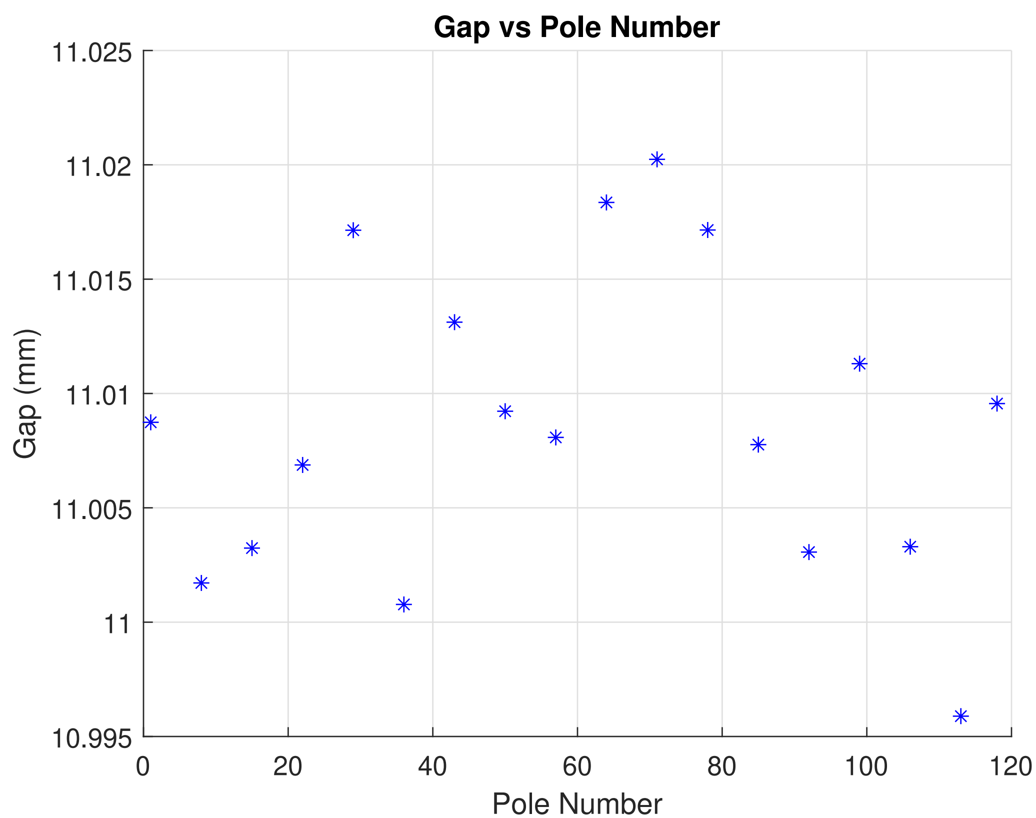
Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
5.515
5.51
5.505
5.5
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-5.49
-5.495
-5.5
-5.505
-5.51
0
20
40
60
80
100
120
Pole Number


Upper Jaw Pole Y-Positions vs Z
5.515
5.51
5.505
5.5
Y (mm)
Upper Jaw Pitch = -1.483957e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
-5.49
-5.495
-5.5
-5.505
-5.51
Y (mm)
Lower Jaw Pitch = -1.278028e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

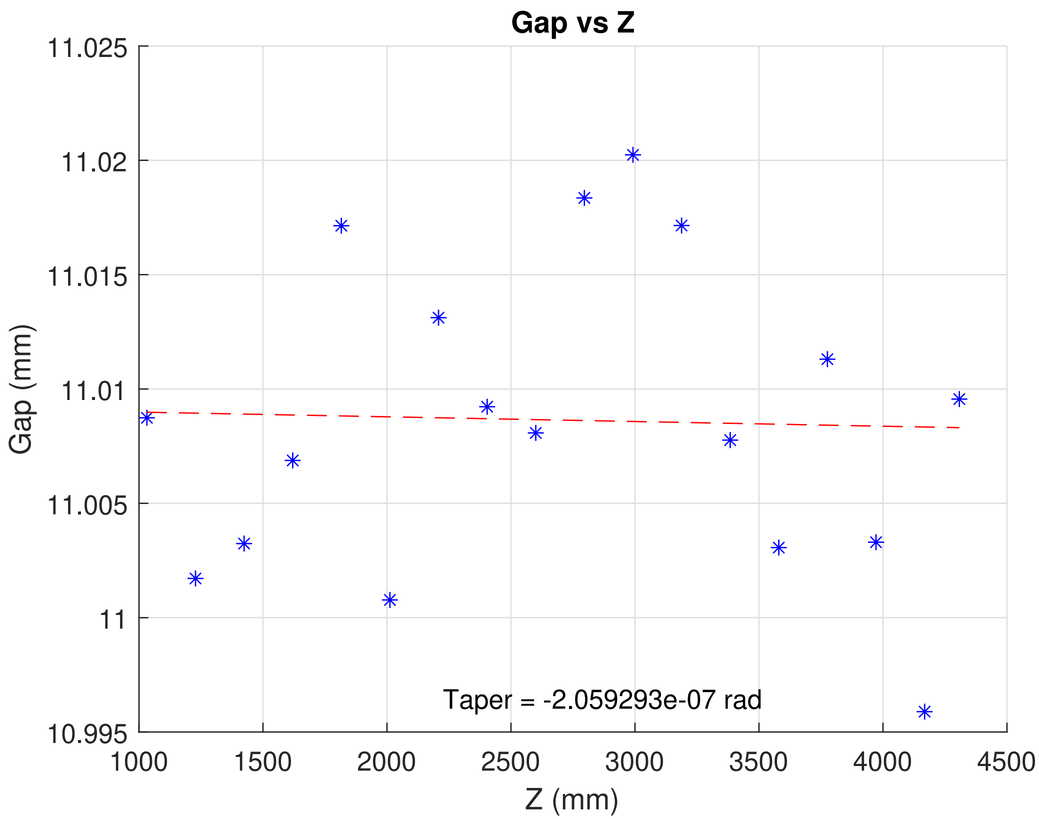

Midplane Height vs Pole Number
×10-3
12
10
8
6
4
2
0
-2
-4
Ymid (mm)
0
20
40
60
80
100
120
Pole Number

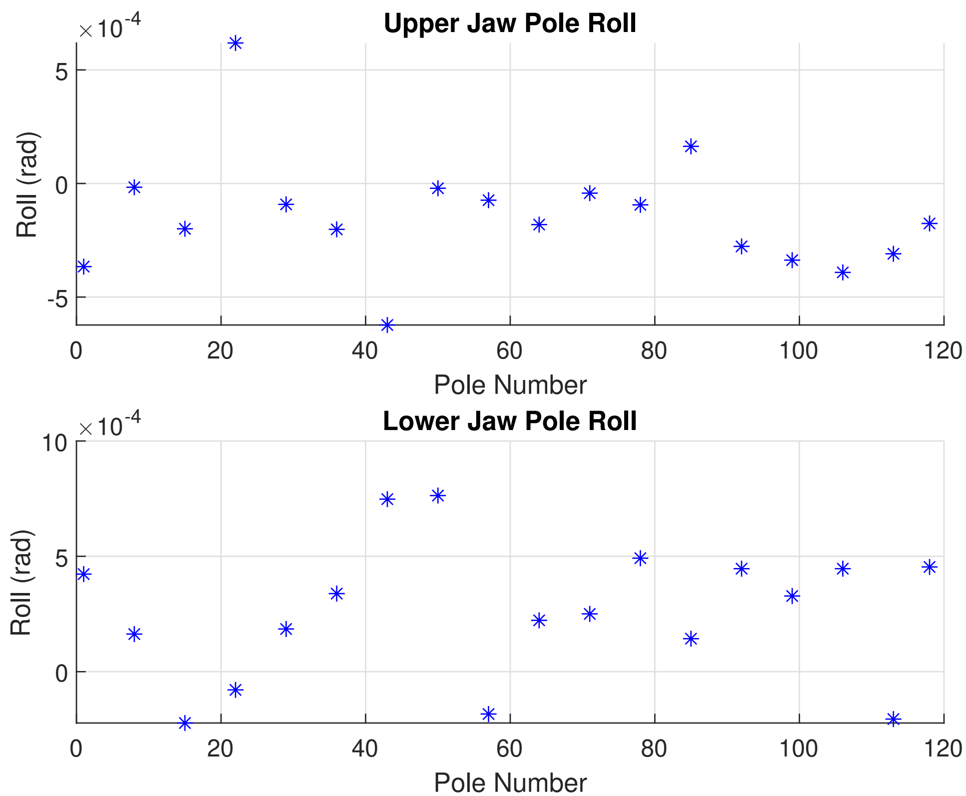


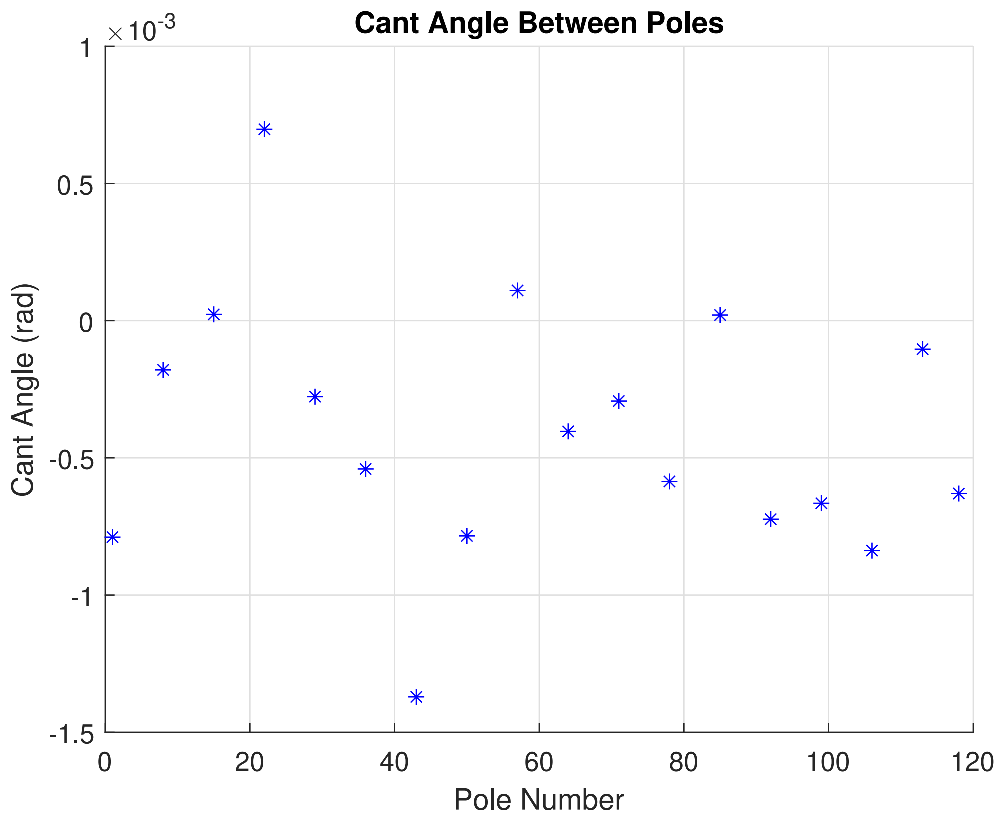
Midplane Height vs Z
×10^-3
12
10
8
6
4
2
0
-2
-4
Ymid (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = -1.380993e-06 rad



Gap vs Pole Number
Gap (mm)
11.025
11.02
11.015
11.01
11.005
11
10.995
0
20
40
60
80
100
120
Pole Number


Gap vs Z
11.025
11.02
11.015
11.01
11.005
11
10.995
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -2.059293e-07 rad


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