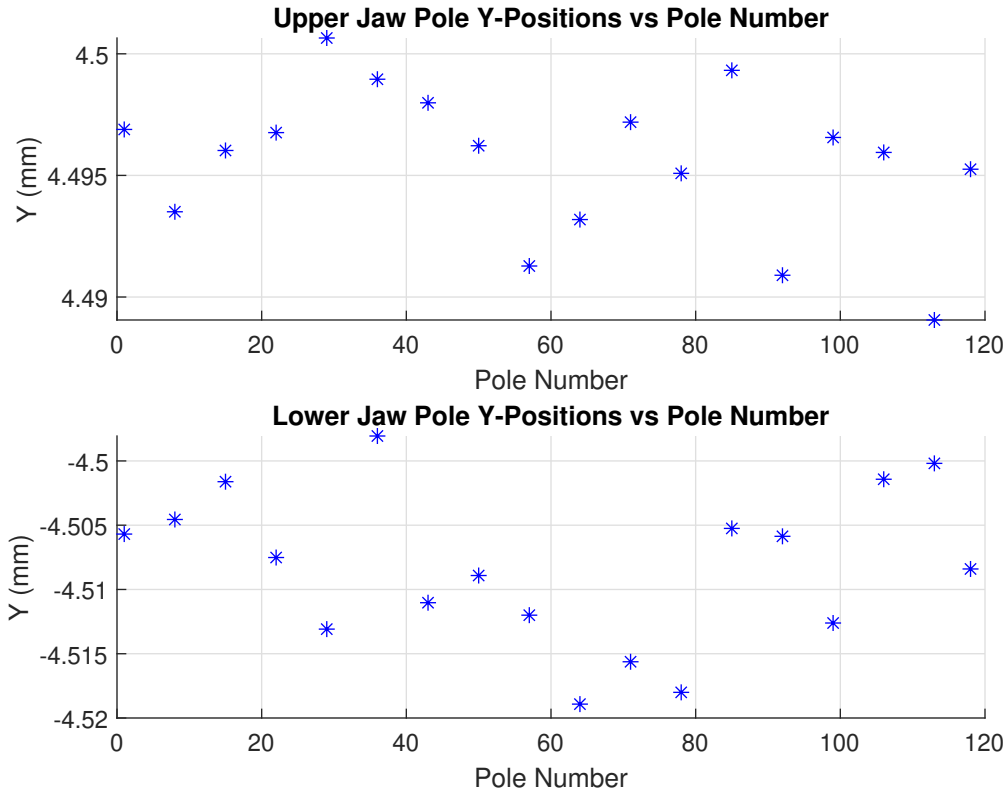
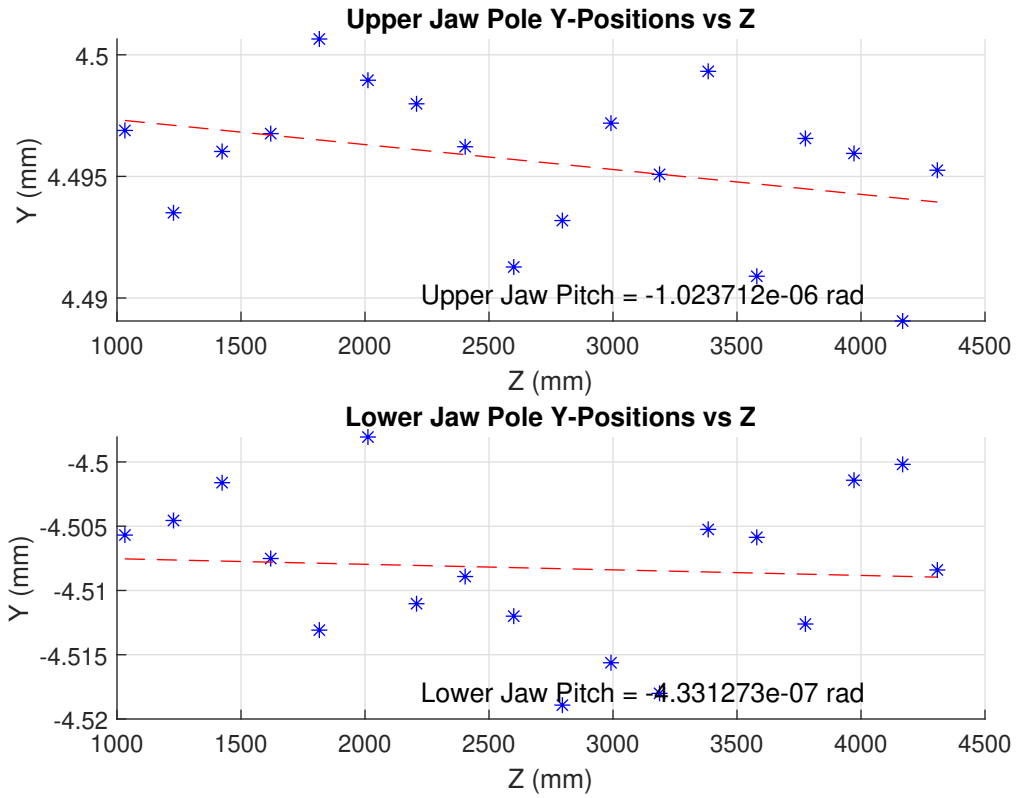
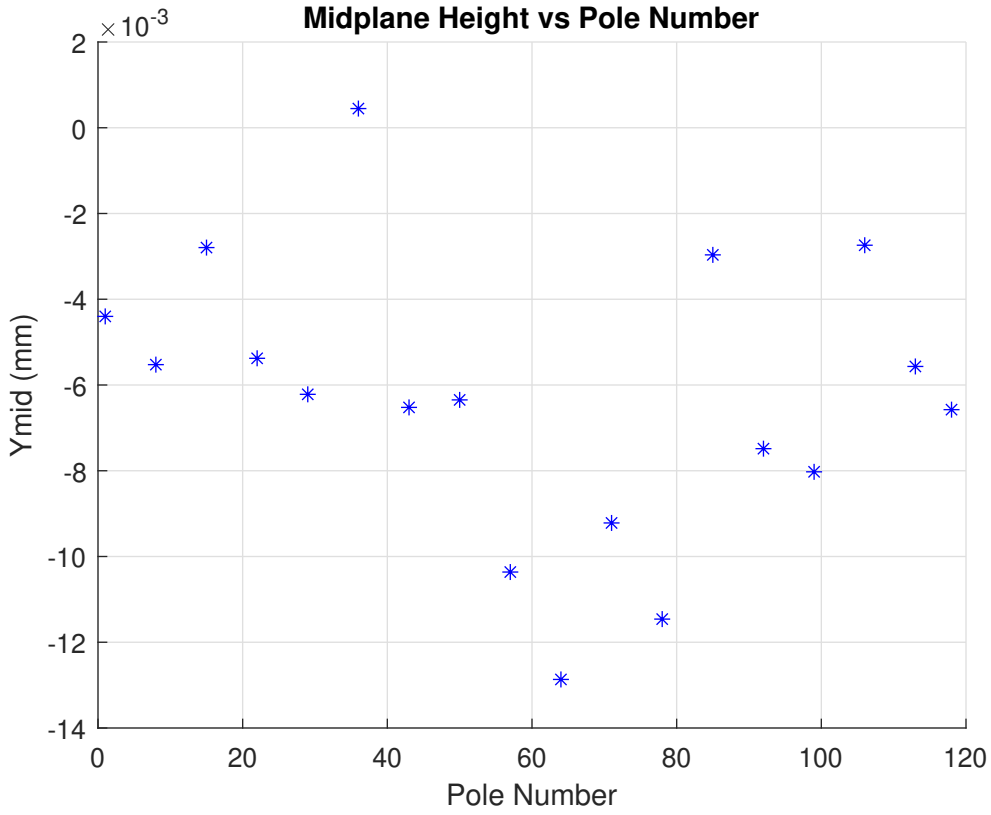
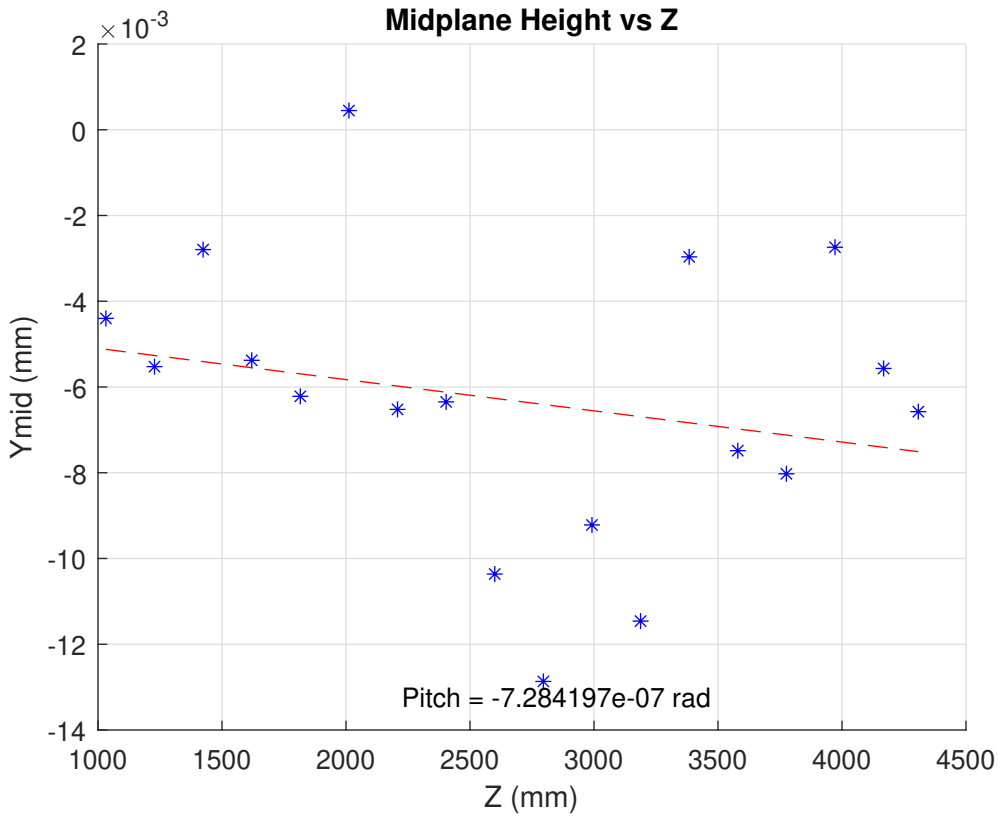
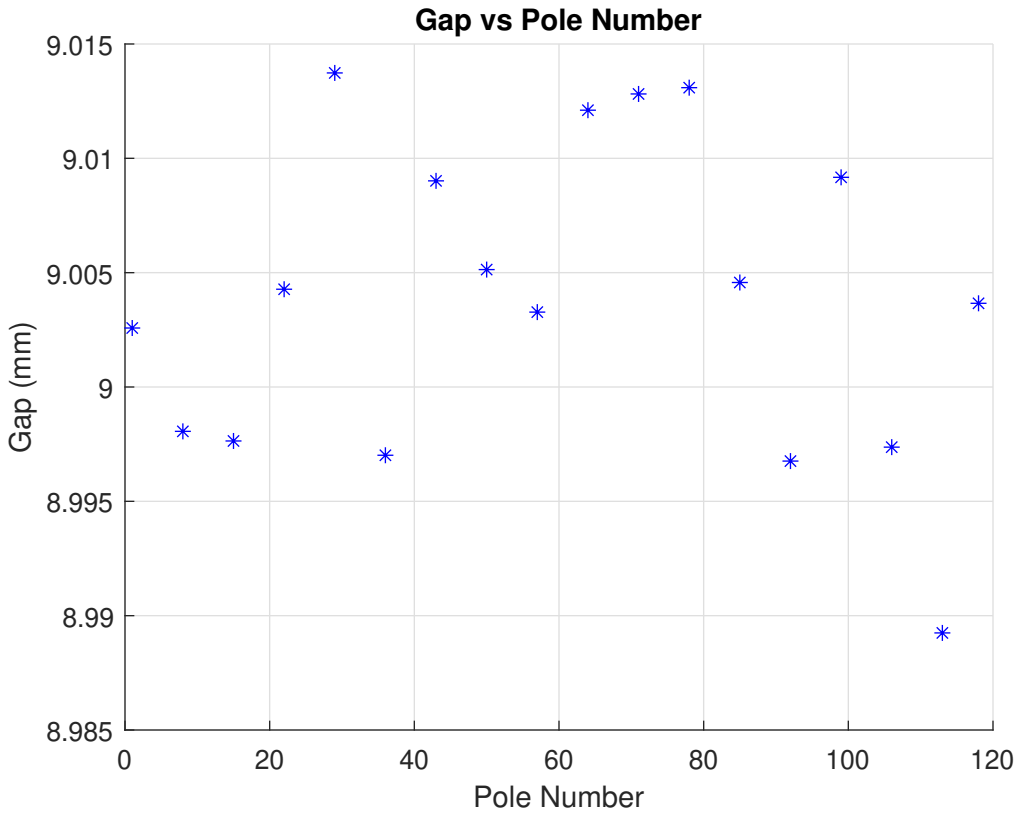
SLAC Magnetic Measurements#
Date: 09-01-2022#
Time: 14:24:31#

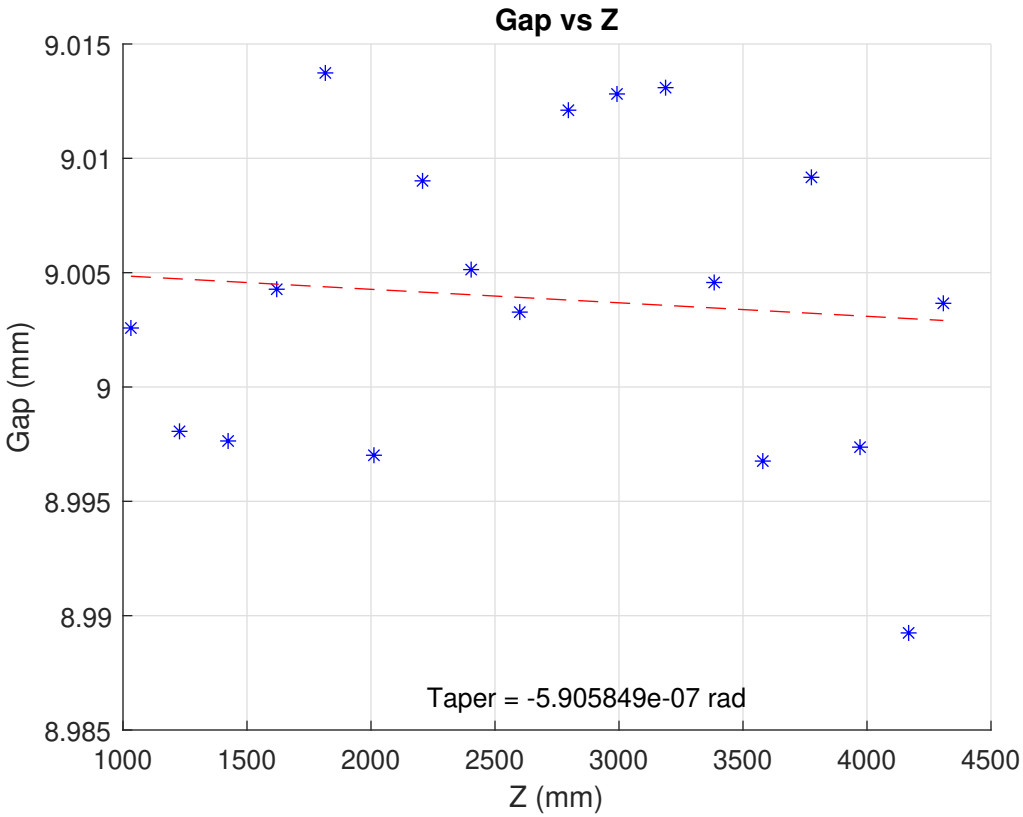

Upper Jaw Pole Y-Positions vs Pole Number
Y (mm)
4.5
4.495
4.49
0
20
40
60
80
100
120
Pole Number
Lower Jaw Pole Y-Positions vs Pole Number
Y (mm)
-4.5
-4.505
-4.51
-4.515
-4.52
0
20
40
60
80
100
120
Pole Number

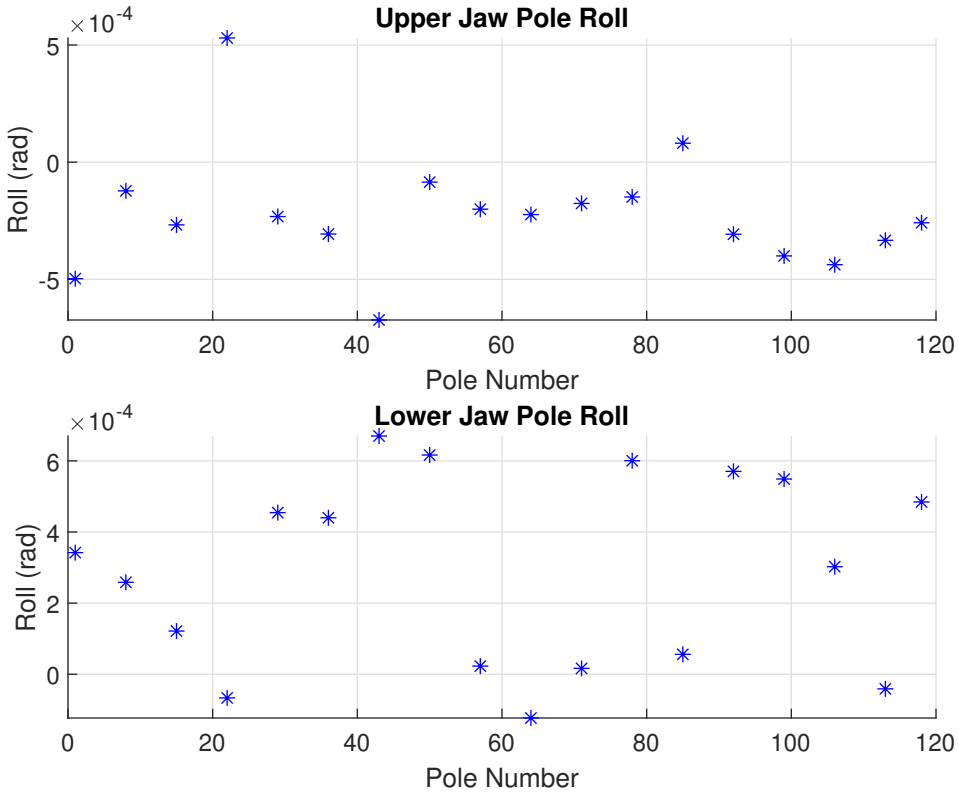

Upper Jaw Pole Y-Positions vs Z
Y (mm)
4.5
4.495
4.49
Upper Jaw Pitch = -1.023712e-06 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Lower Jaw Pole Y-Positions vs Z
Y (mm)
-4.5
-4.505
-4.51
-4.515
-4.52
Lower Jaw Pitch = -4.331273e-07 rad
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)

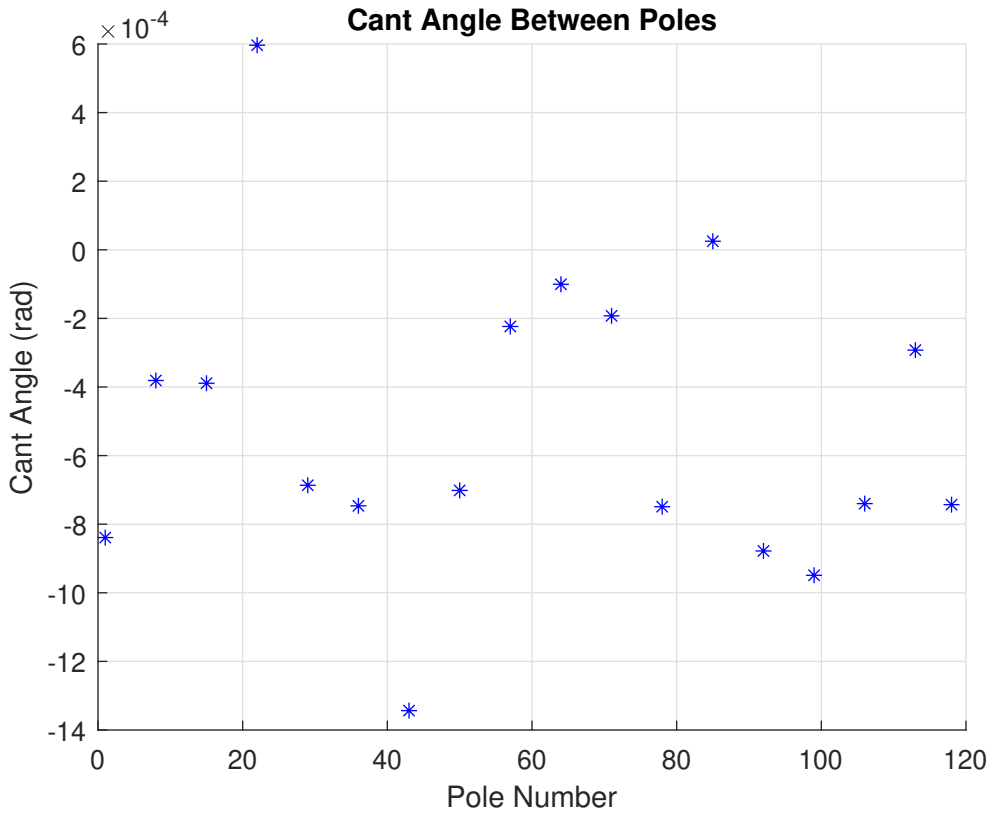

Midplane Height vs Pole Number
×10-3
2
0
-2
-4
-6
-8
-10
-12
-14
Ymid (mm)
0
20
40
60
80
100
120
Pole Number


Midplane Height vs Z
×10-3
2
0
-2
-4
-6
-8
-10
-12
-14
Ymid (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Pitch = -7.284197e-07 rad


Gap vs Pole Number
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
9.015
9.01
9.005
9
8.995
8.99
8.985
Gap (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Taper = -5.905849e-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
Roll (rad)
0
20
40
60
80
100
120
Pole Number


Cant Angle Between Poles
×10-4
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
Cant Angle (rad)
0
20
40
60
80
100
120
Pole Number