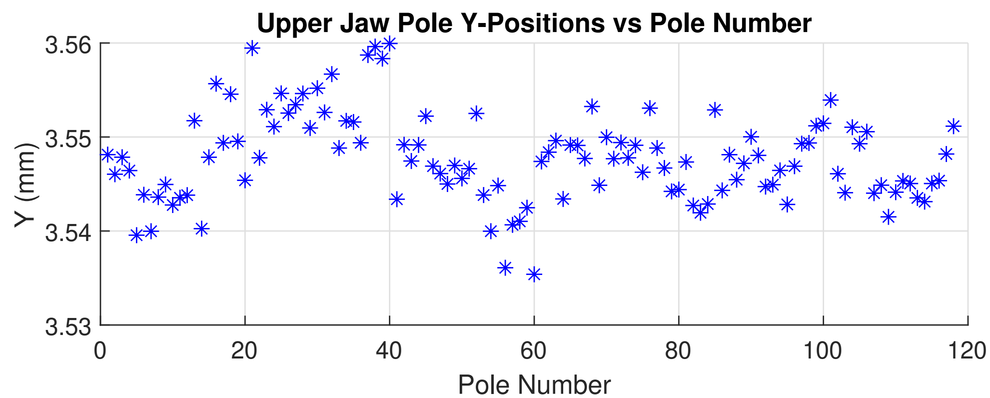
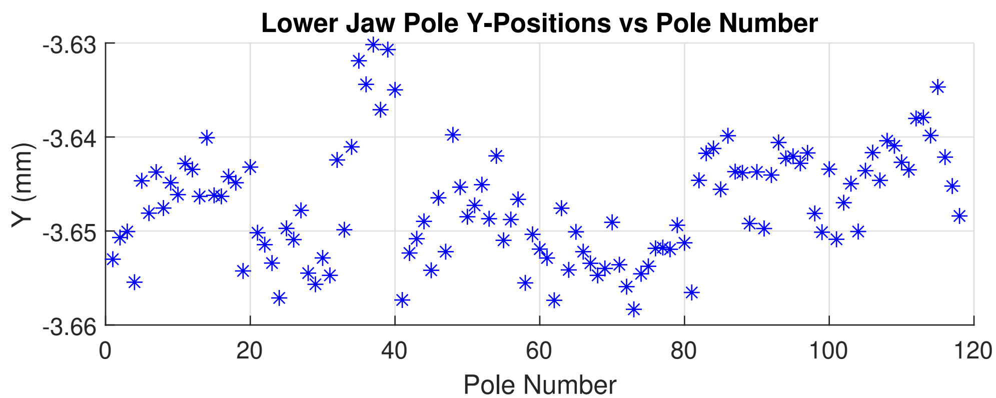
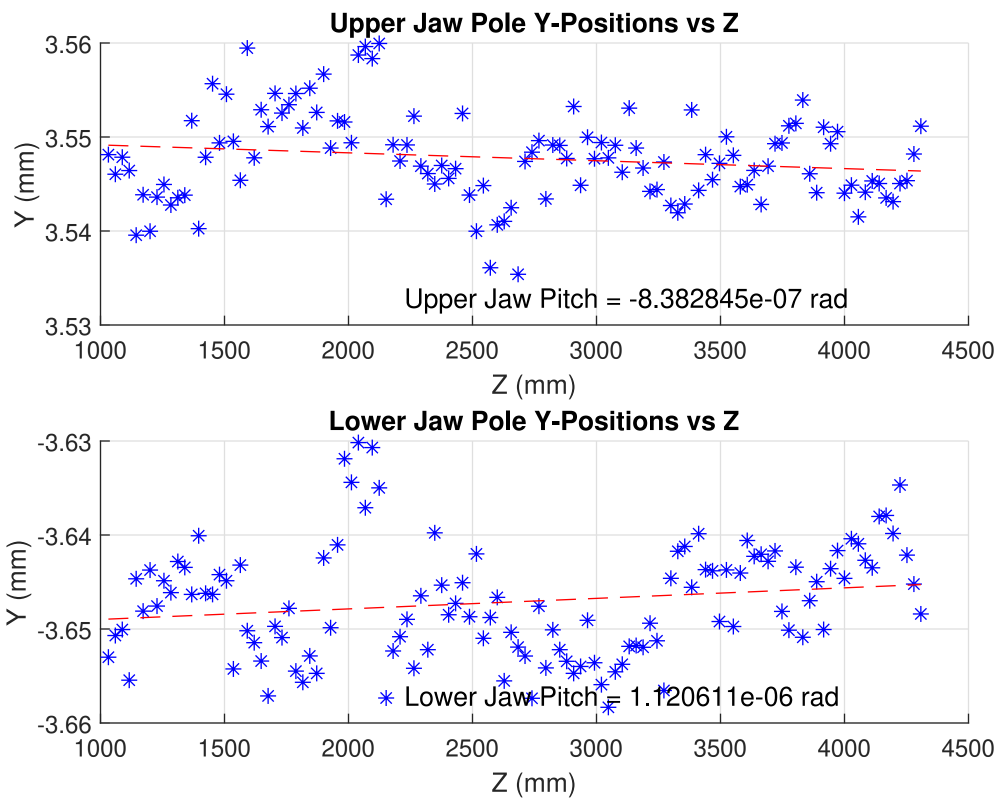
SLAC Magnetic Measurements#
Date: 09-01-2022#
Time: 14:24:14#

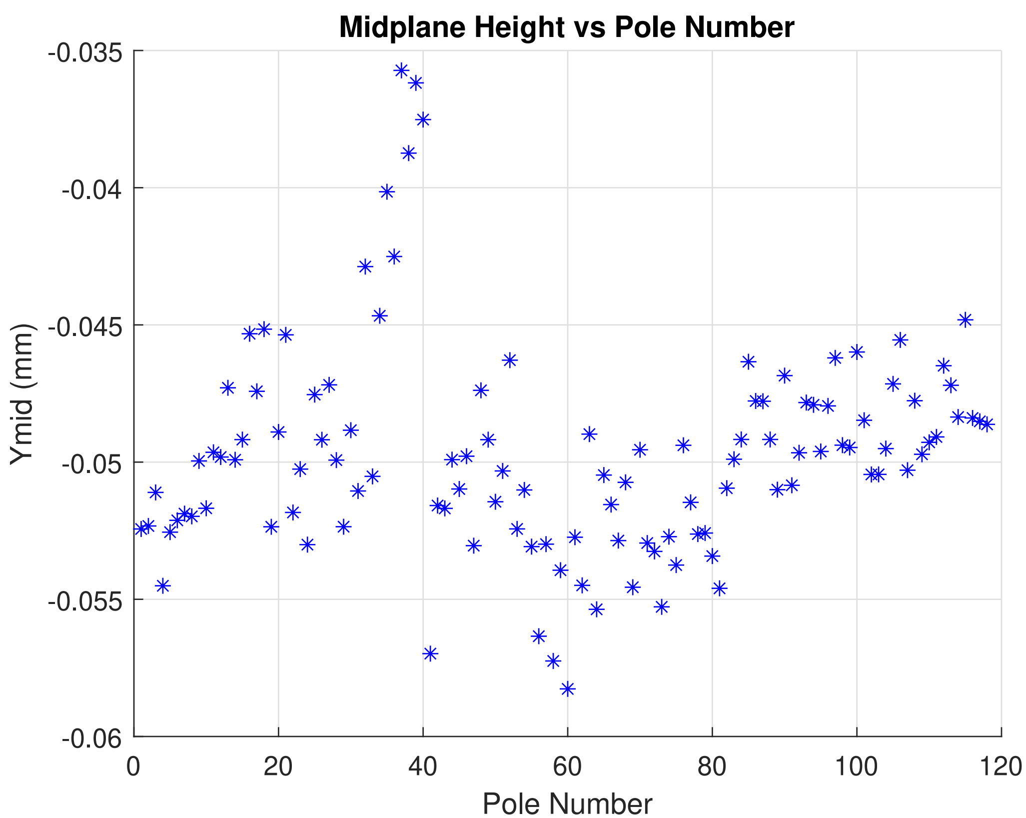


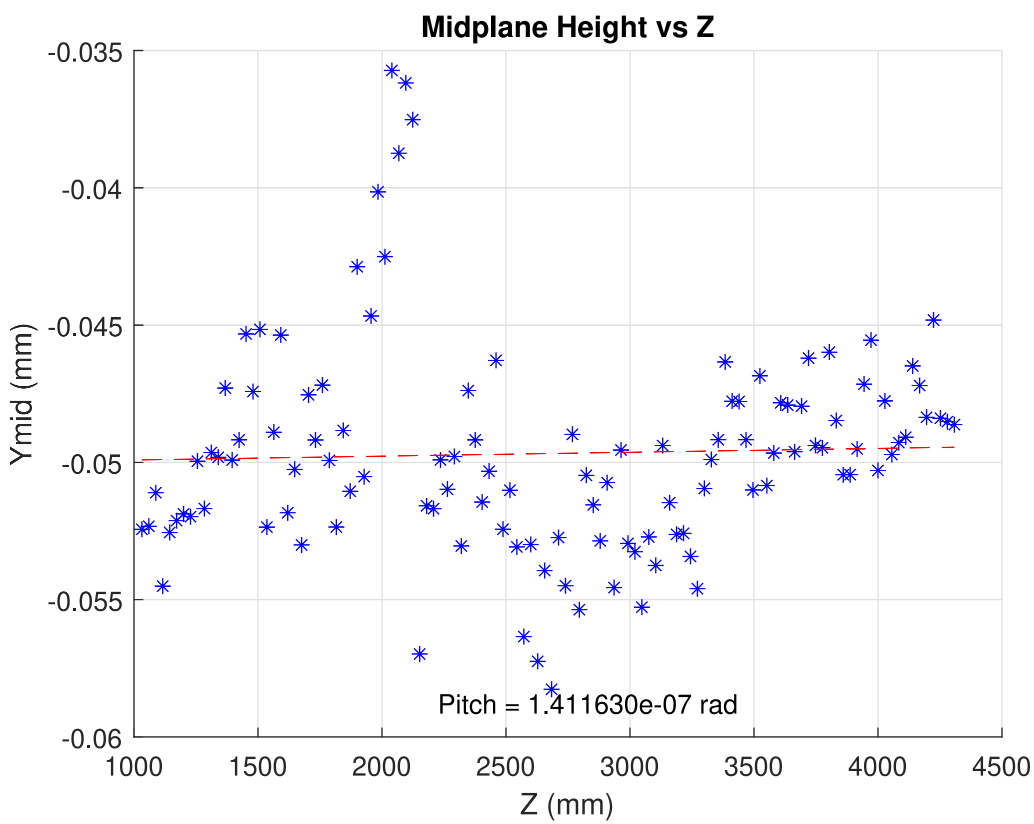
Upper Jaw Pole Y-Positions vs Pole Number
3.56
3.55
3.54
3.53
Y (mm)
0
20
40
60
80
100
120
Pole Number

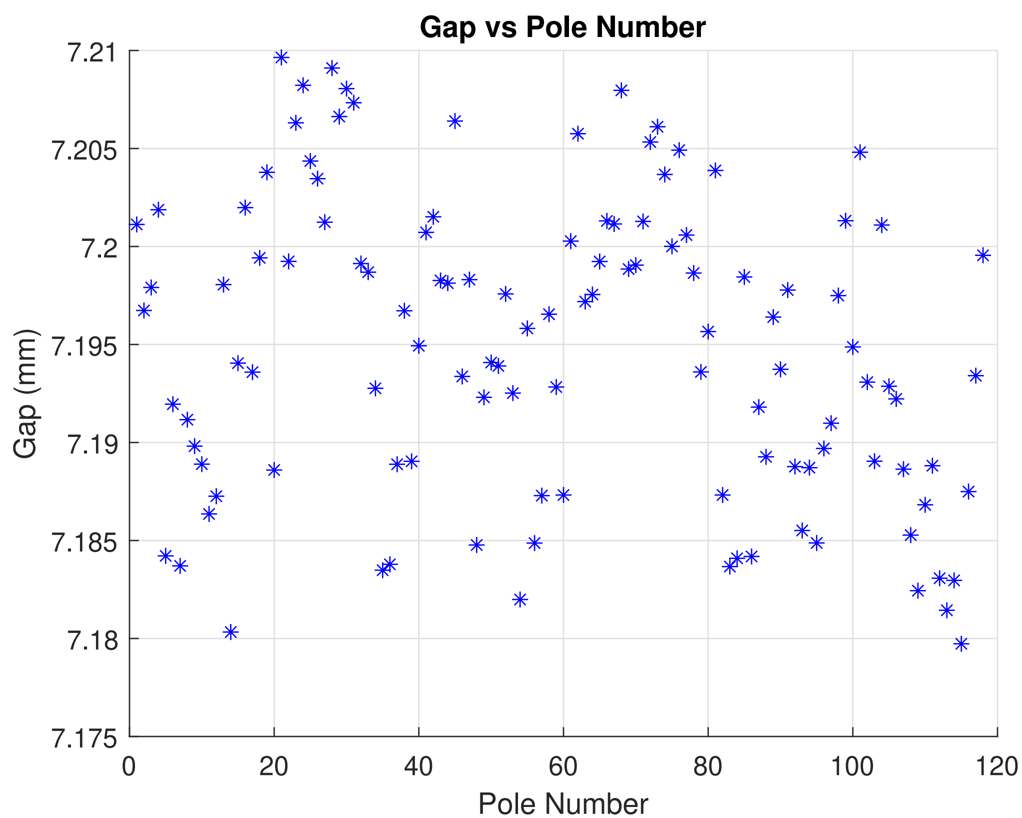


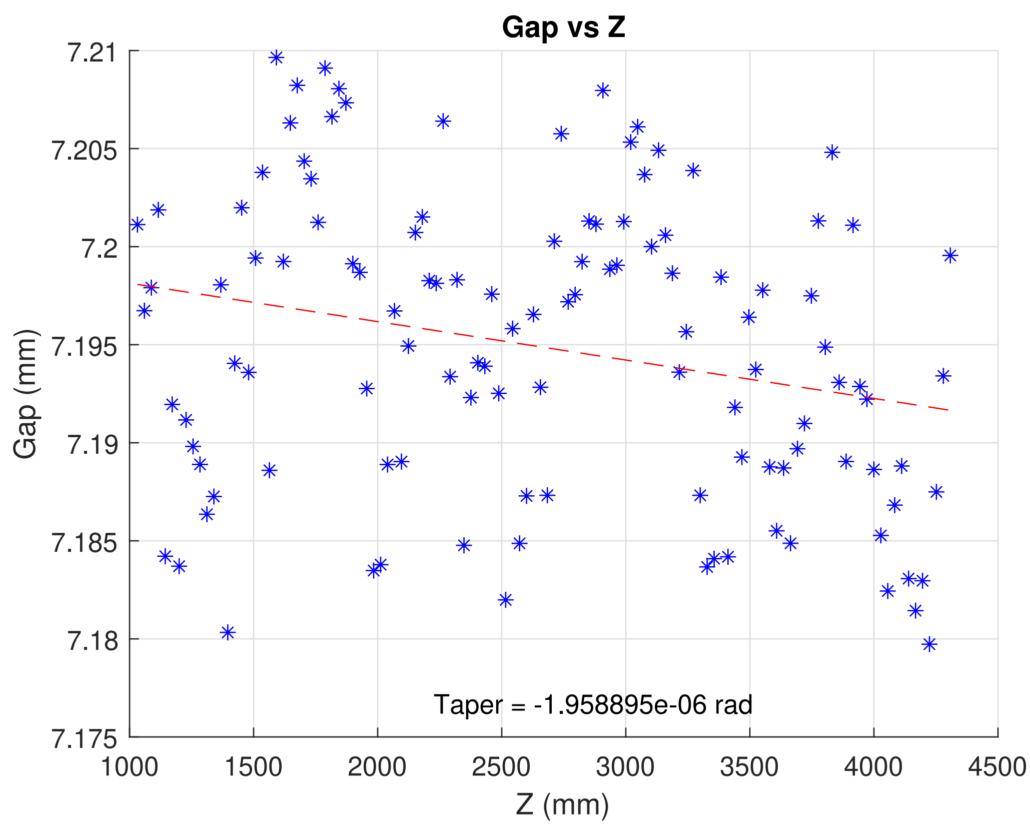
Lower Jaw Pole Y-Positions vs Pole Number
-3.63
-3.64
-3.65
-3.66
Y (mm)
0
20
40
60
80
100
120
Pole Number

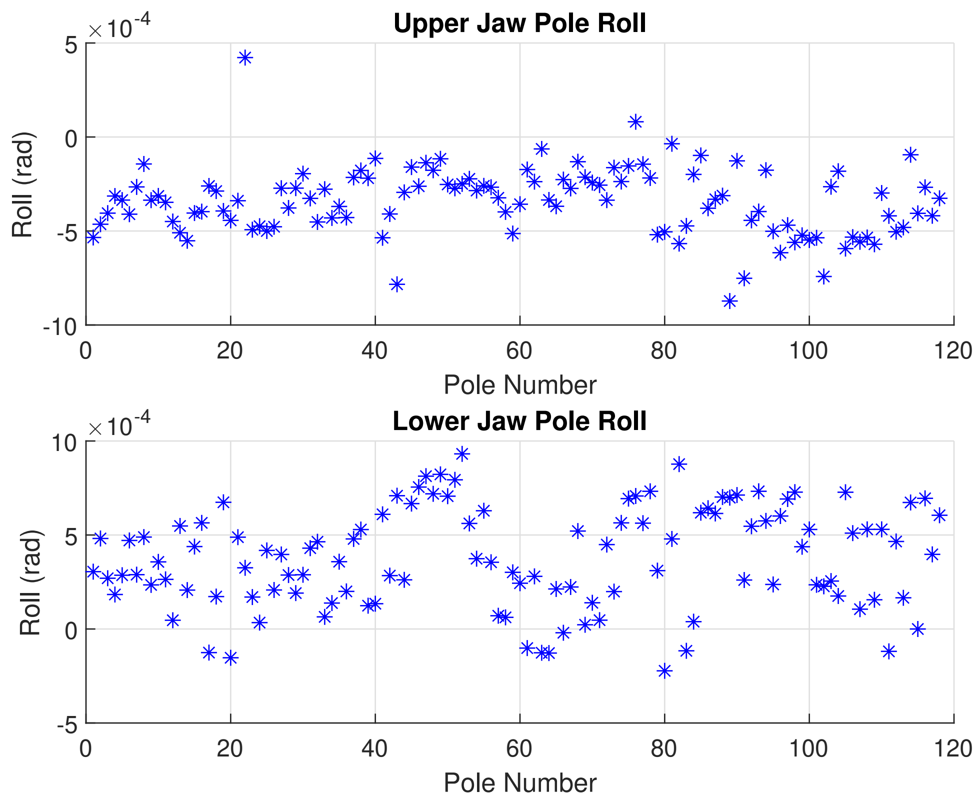

Upper Jaw Pole Y-Positions vs Z
3.56
3.55
3.54
3.53
Y (mm)
1000
1500
2000
2500
3000
3500
4000
4500
Z (mm)
Upper Jaw Pitch = -8.382845e-07 rad
Lower Jaw Pole Y-Positions vs Z
-3.63
-3.64
-3.65
-3.66
Y (mm)
Z (mm)
Lower Jaw Pitch = 1.120611e-06 rad


Midplane Height vs Pole Number
-0.035
-0.04
-0.045
-0.05
-0.055
-0.06
Ymid (mm)
0
20
40
60
80
100
120
Pole Number

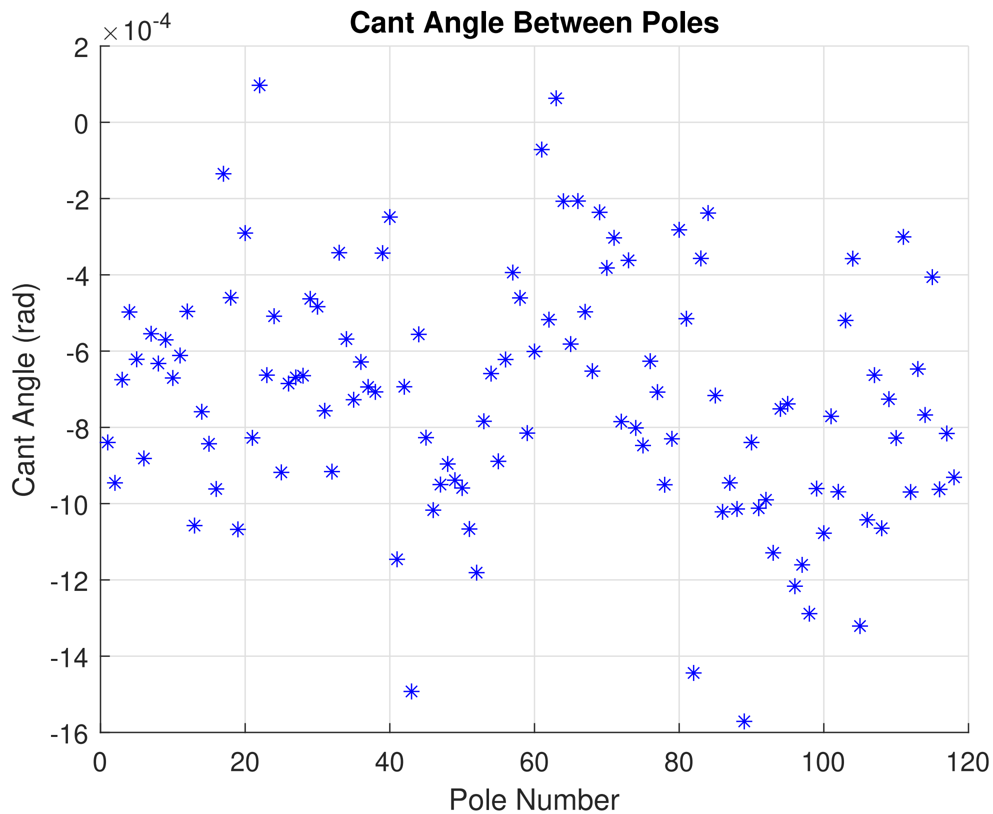

Midplane Height vs Z
Ymid (mm)
Z (mm)
Pitch = 1.411630e-07 rad
-0.035
-0.04
-0.045
-0.05
-0.055
-0.06
1000
1500
2000
2500
3000
3500
4000
4500


Gap vs Pole Number
Gap (mm)
Pole Number
7.21
7.205
7.2
7.195
7.19
7.185
7.18
7.175
0
20
40
60
80
100
120


Gap vs Z
Gap (mm)
Z (mm)
7.21
7.205
7.2
7.195
7.19
7.185
7.18
7.175
1000
1500
2000
2500
3000
3500
4000
4500
Taper = -1.958895e-06 rad



Upper Jaw Pole Roll
×10^-4
5
0
-5
-10
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^-4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
Cant Angle (rad)
0
20
40
60
80
100
120
Pole Number