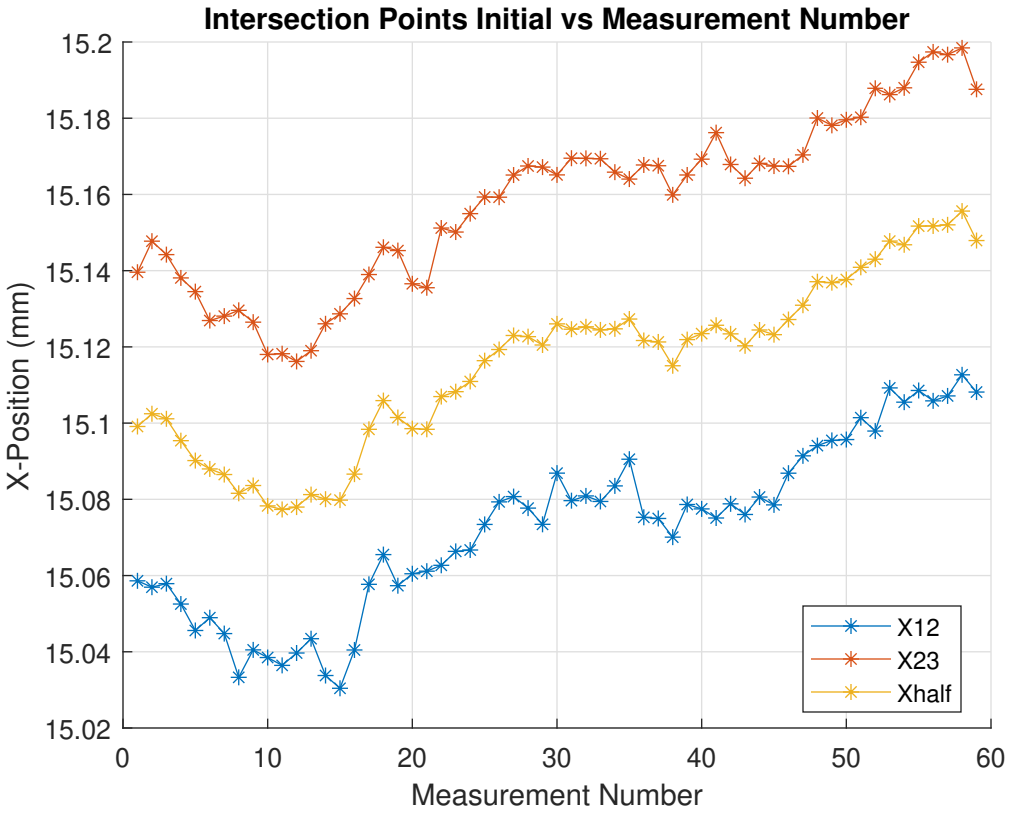
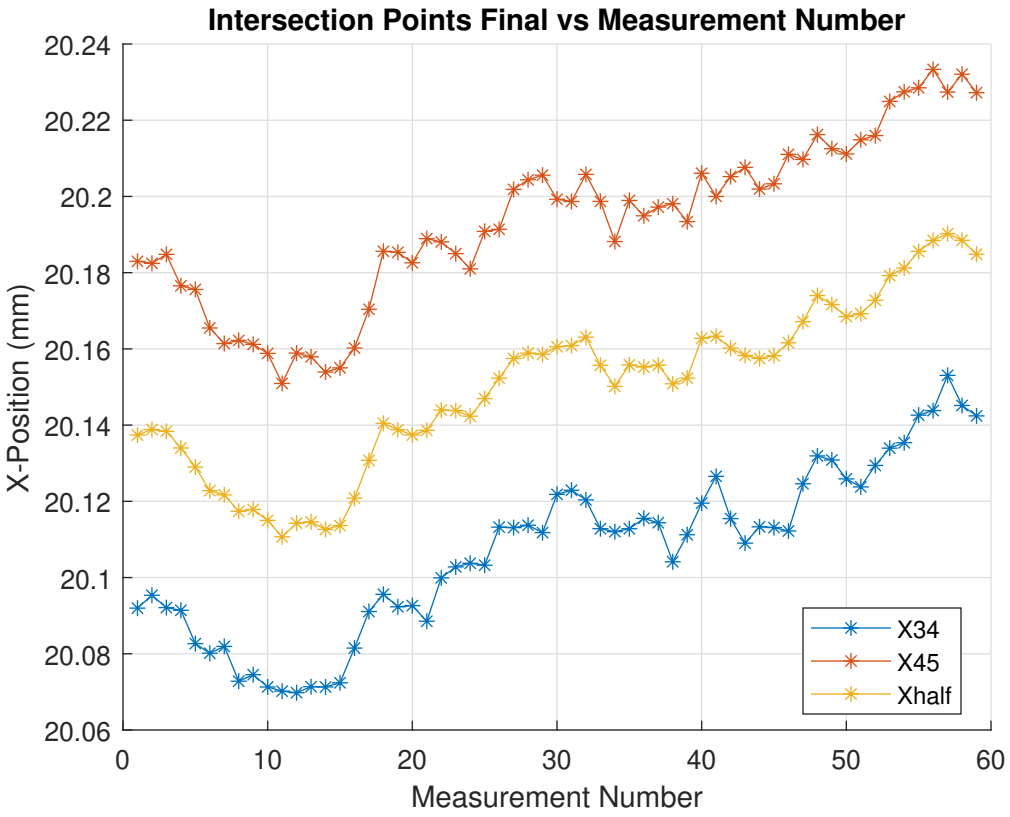
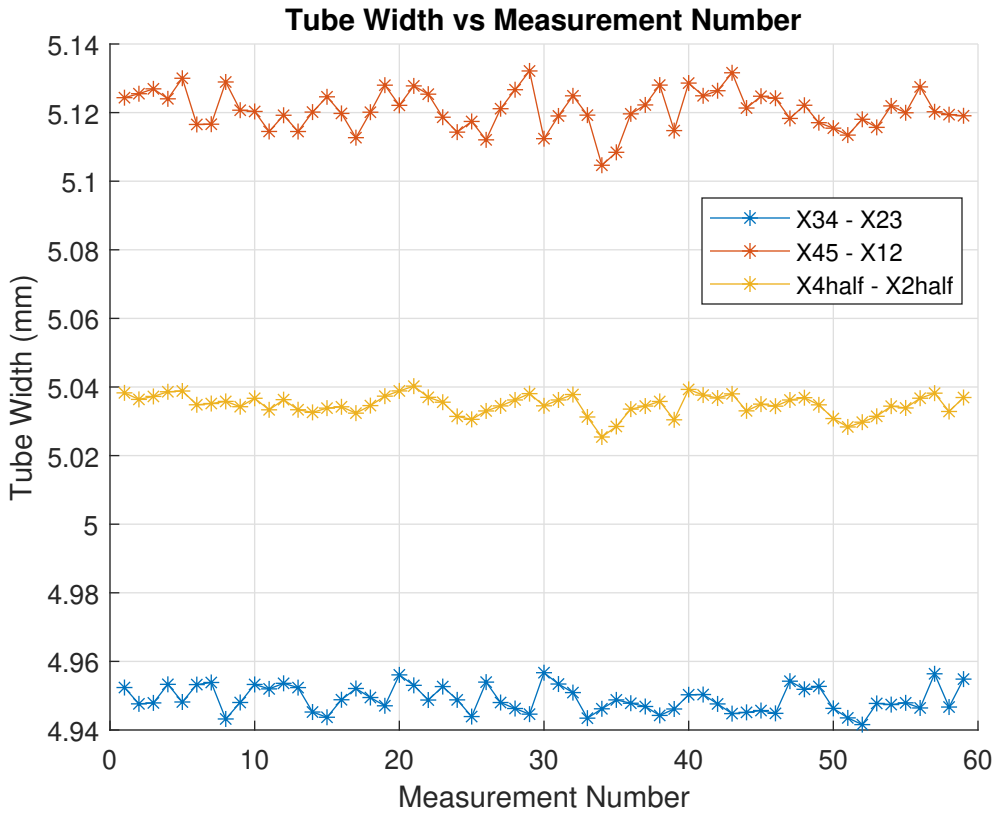
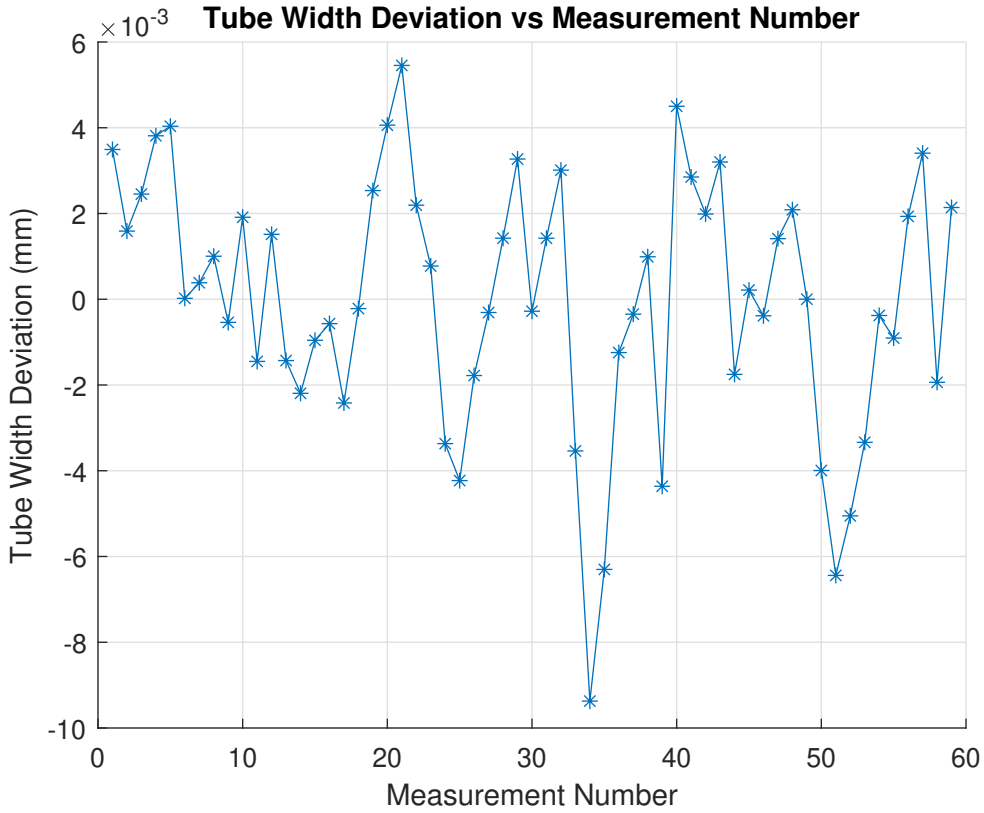
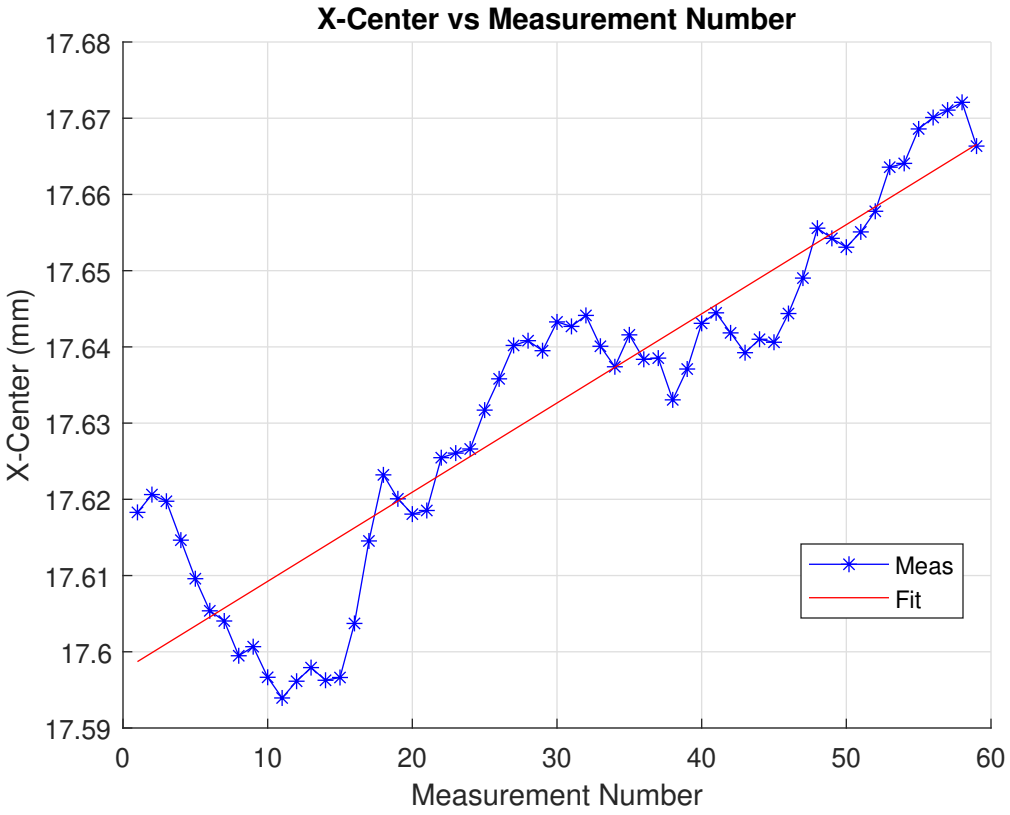
SLAC Magnetic Measurements#
Date: 08-23-2023#
Time: 09:15:16#

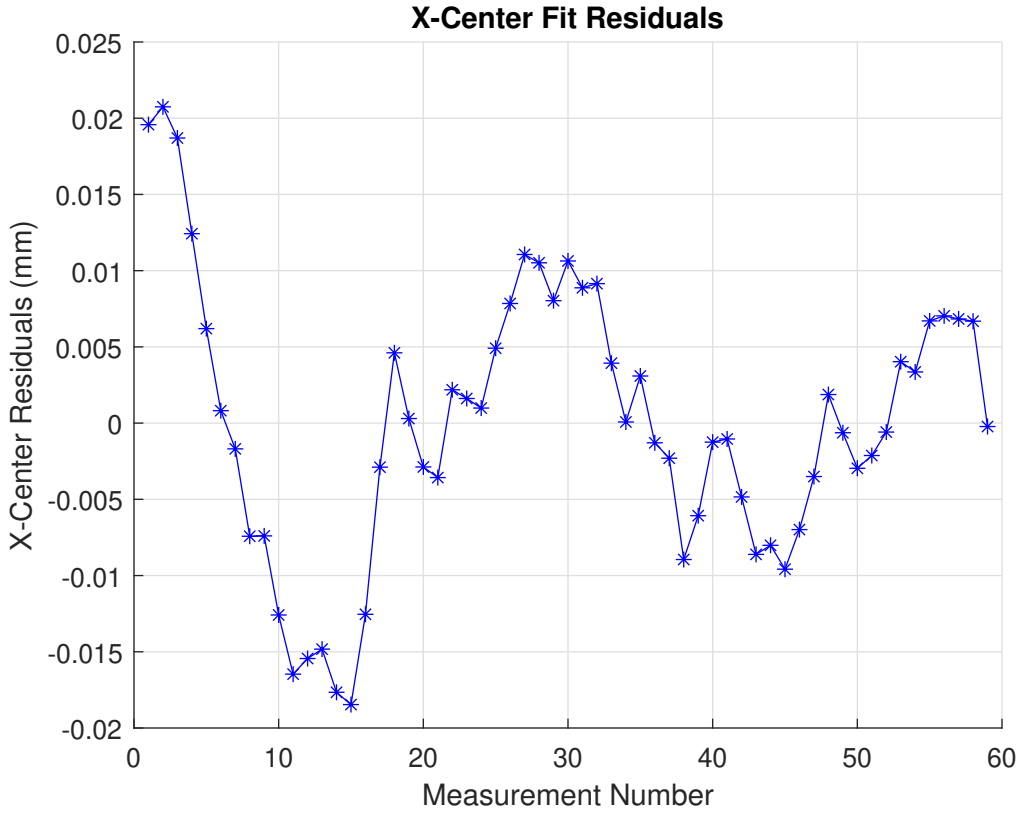

Intersection Points Initial vs Measurement Number
X-Position (mm)
Measurement Number
15.2
15.18
15.16
15.14
15.12
15.1
15.08
15.06
15.04
15.02
0
10
20
30
40
50
60
X12
X23
Xhalf


Intersection Points Final vs Measurement Number
X-Position (mm)
Measurement Number
20.24
20.22
20.2
20.18
20.16
20.14
20.12
20.1
20.08
20.06
0
10
20
30
40
50
60
X34
X45
Xhalf


Tube Width vs Measurement Number
Tube Width (mm)
Measurement Number
5.14
5.12
5.1
5.08
5.06
5.04
5.02
5
4.98
4.96
4.94
0
10
20
30
40
50
60
X34 - X23
X45 - X12
X4half - X2half


Tube Width Deviation vs Measurement Number
×10-3
6
4
2
0
-2
-4
-6
-8
-10
Tube Width Deviation (mm)
0
10
20
30
40
50
60
Measurement Number


X-Center vs Measurement Number
17.68
17.67
17.66
17.65
17.64
17.63
17.62
17.61
17.6
17.59
X-Center (mm)
0
10
20
30
40
50
60
Measurement Number
Meas
Fit


X-Center Fit Residuals
X-Center Residuals (mm)
Measurement Number
0.025
0.02
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
-0.02
0
10
20
30
40
50
60