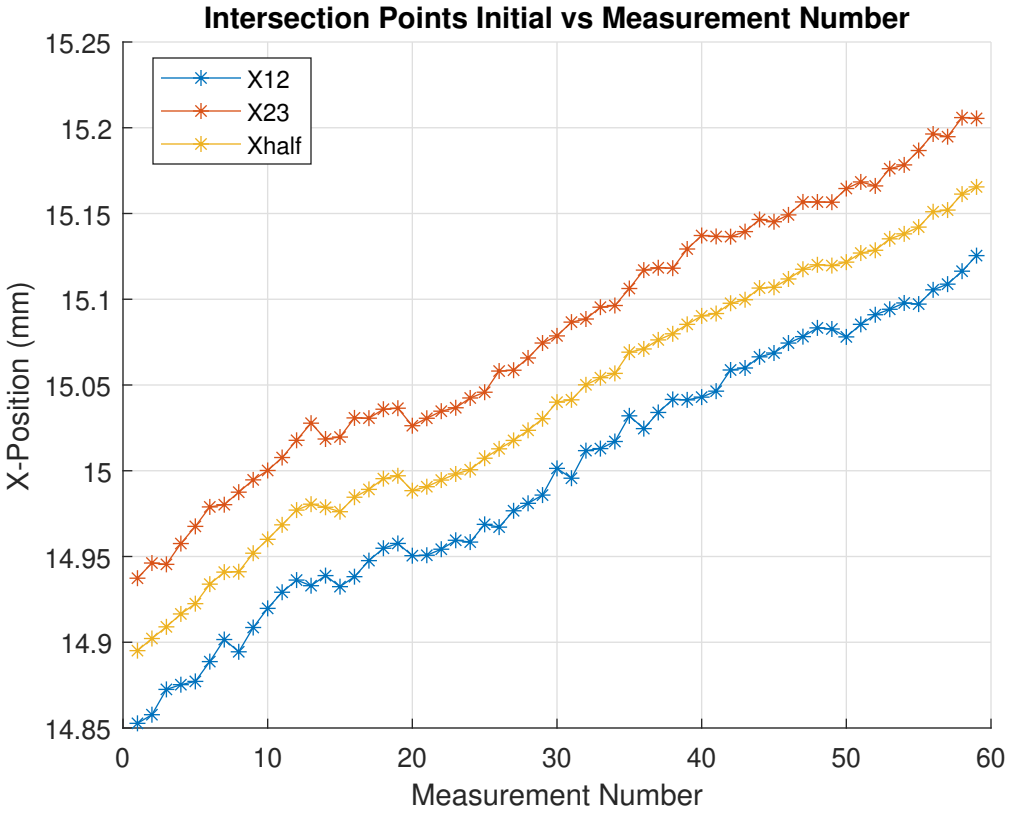
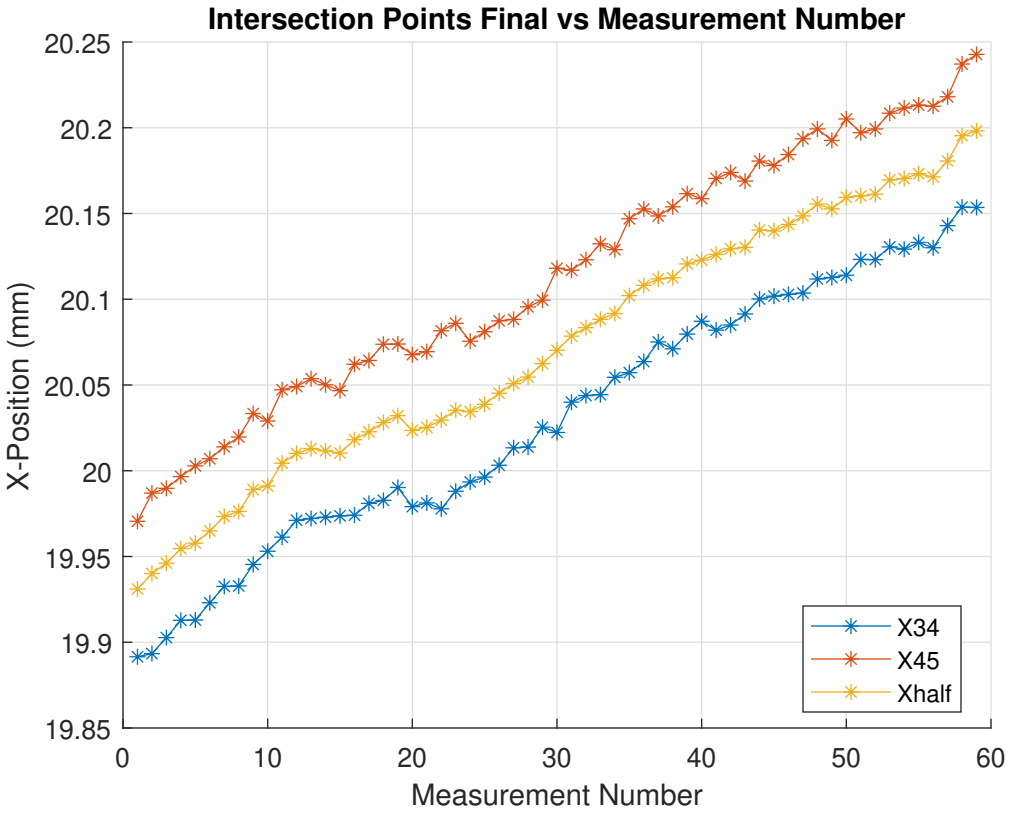
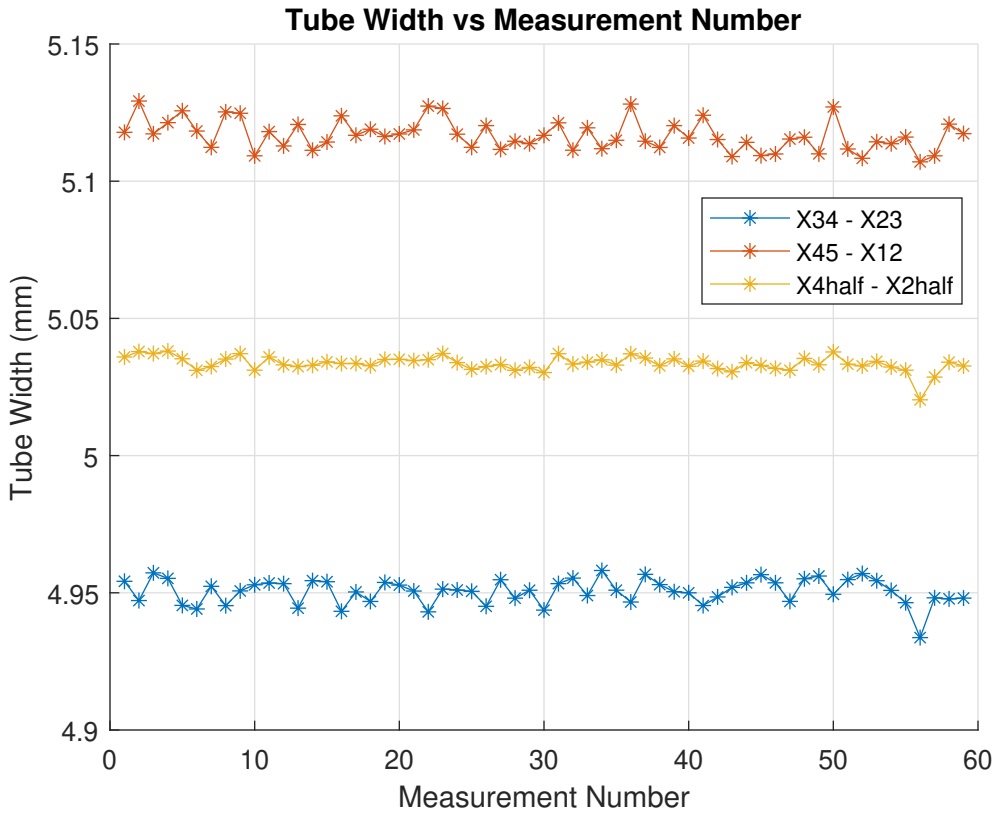
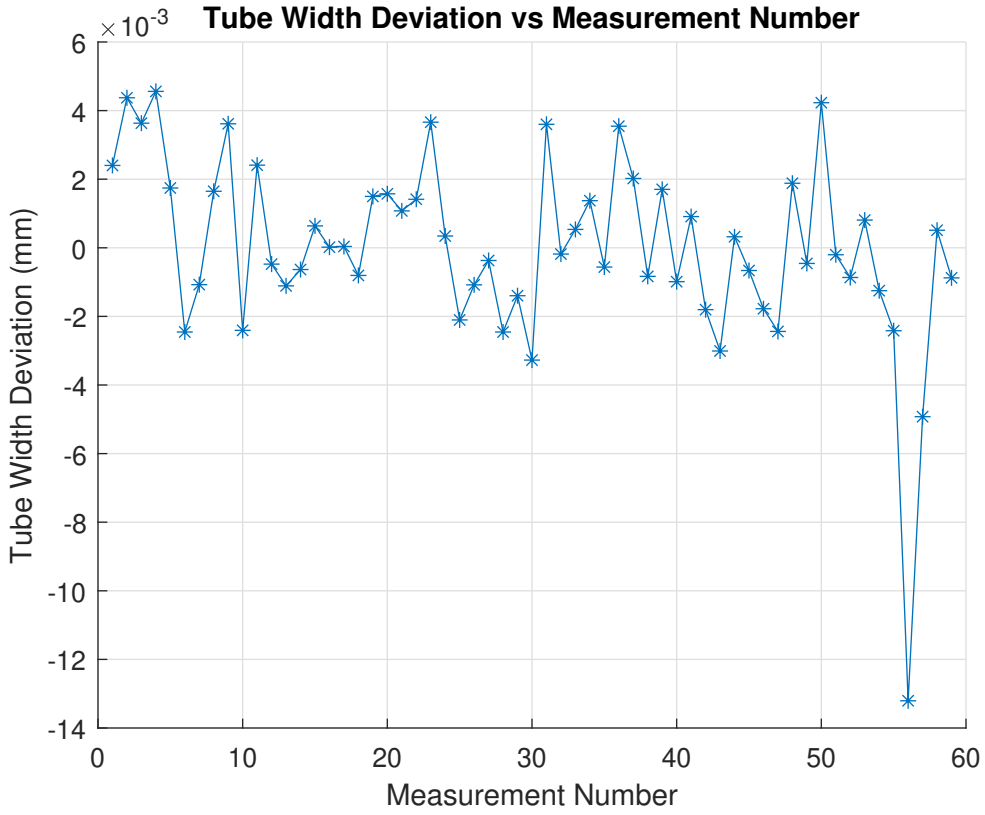
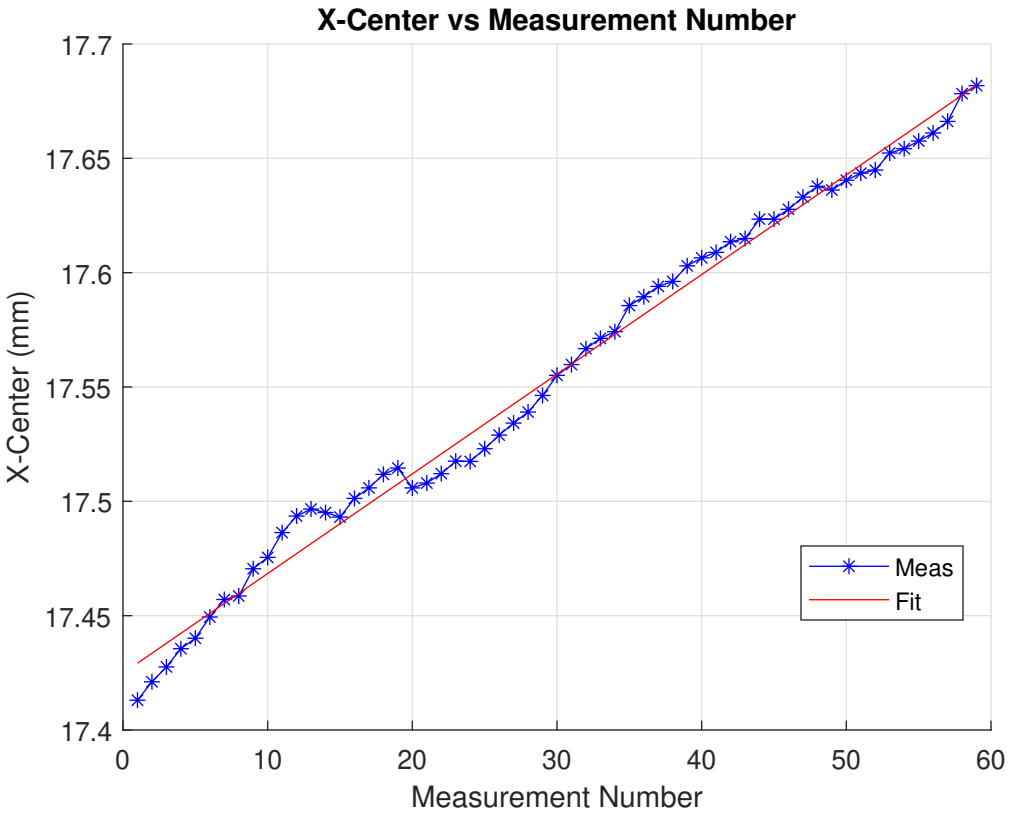
SLAC Magnetic Measurements#
Date: 07-10-2023#
Time: 16:13:01#

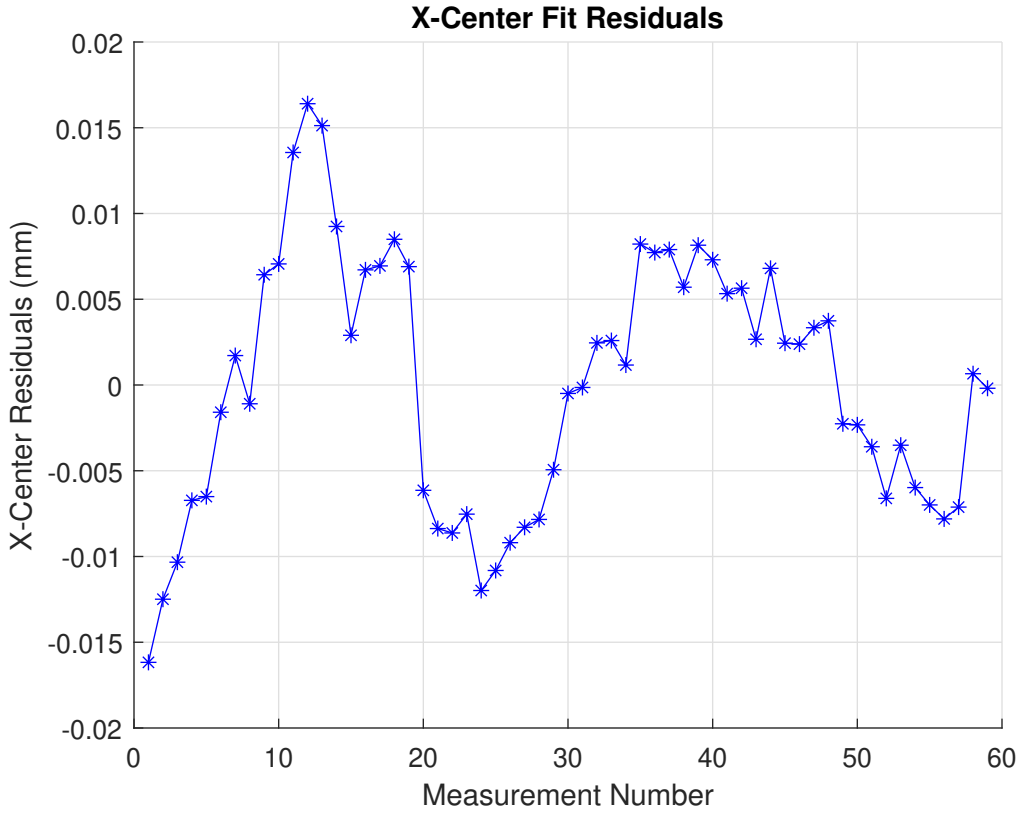

Intersection Points Initial vs Measurement Number
X12
X23
Xhalf
X-Position (mm)
Measurement Number
15.25
15.2
15.15
15.1
15.05
15
14.95
14.9
14.85
0
10
20
30
40
50
60


Intersection Points Final vs Measurement Number
X-Position (mm)
Measurement Number
20.25
20.2
20.15
20.1
20.05
20
19.95
19.9
19.85
0
10
20
30
40
50
60
X34
X45
Xhalf


Tube Width vs Measurement Number
Tube Width (mm)
Measurement Number
5.15
5.1
5.05
5
4.95
4.9
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
-12
-14
Tube Width Deviation (mm)
0
10
20
30
40
50
60
Measurement Number


X-Center vs Measurement Number
17.7
17.65
17.6
17.55
17.5
17.45
17.4
X-Center (mm)
0
10
20
30
40
50
60
Measurement Number
Meas
Fit


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