

Minimum Effective Gap = 9.930

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 1

Regression Line Through Points = -----
Dimensions in mm

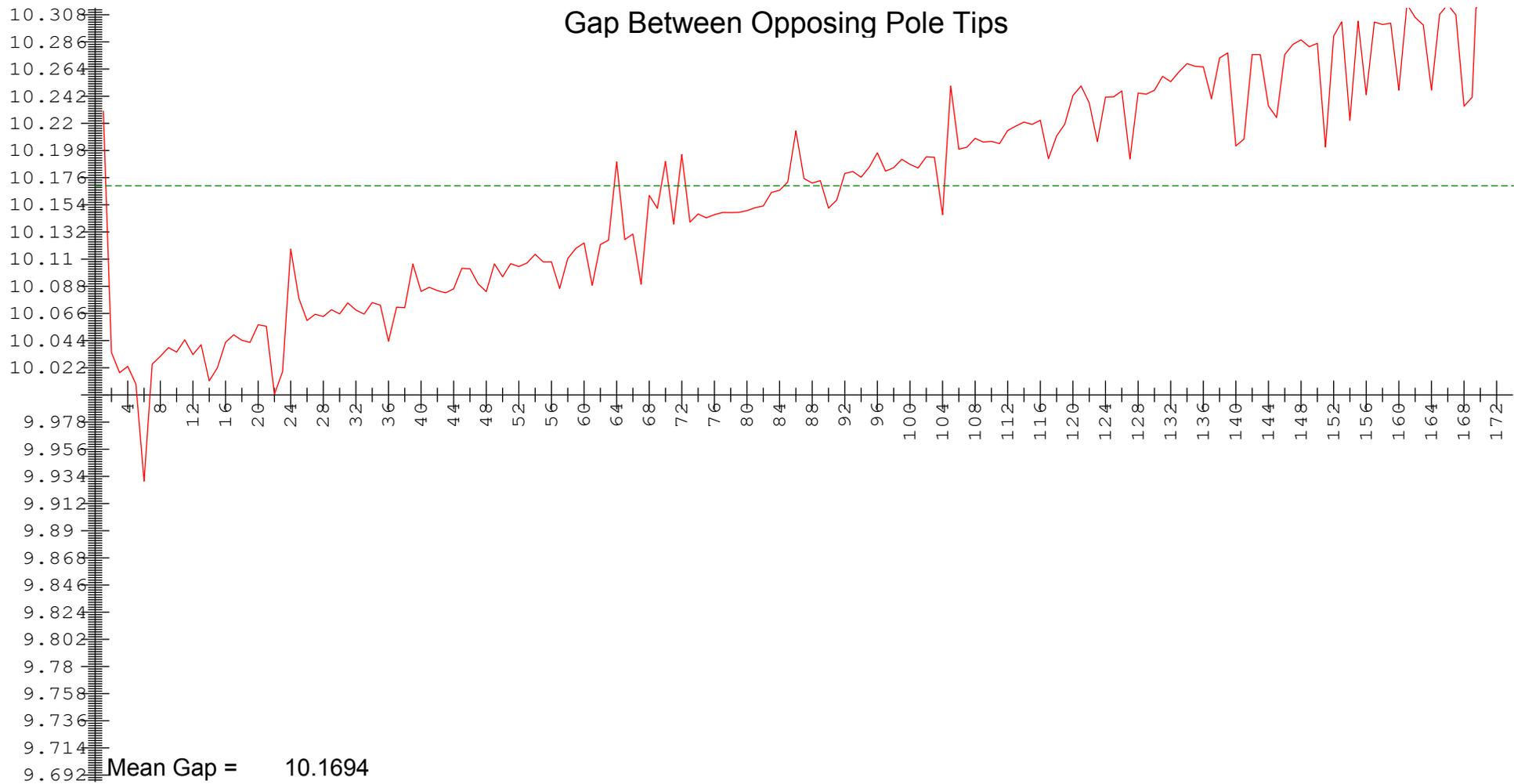


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300

Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

29-APR-2019
S/N = 003
D/S = 0002
Run = 16



Step Between Measured Pole Tips = 1

Dimensions in mm

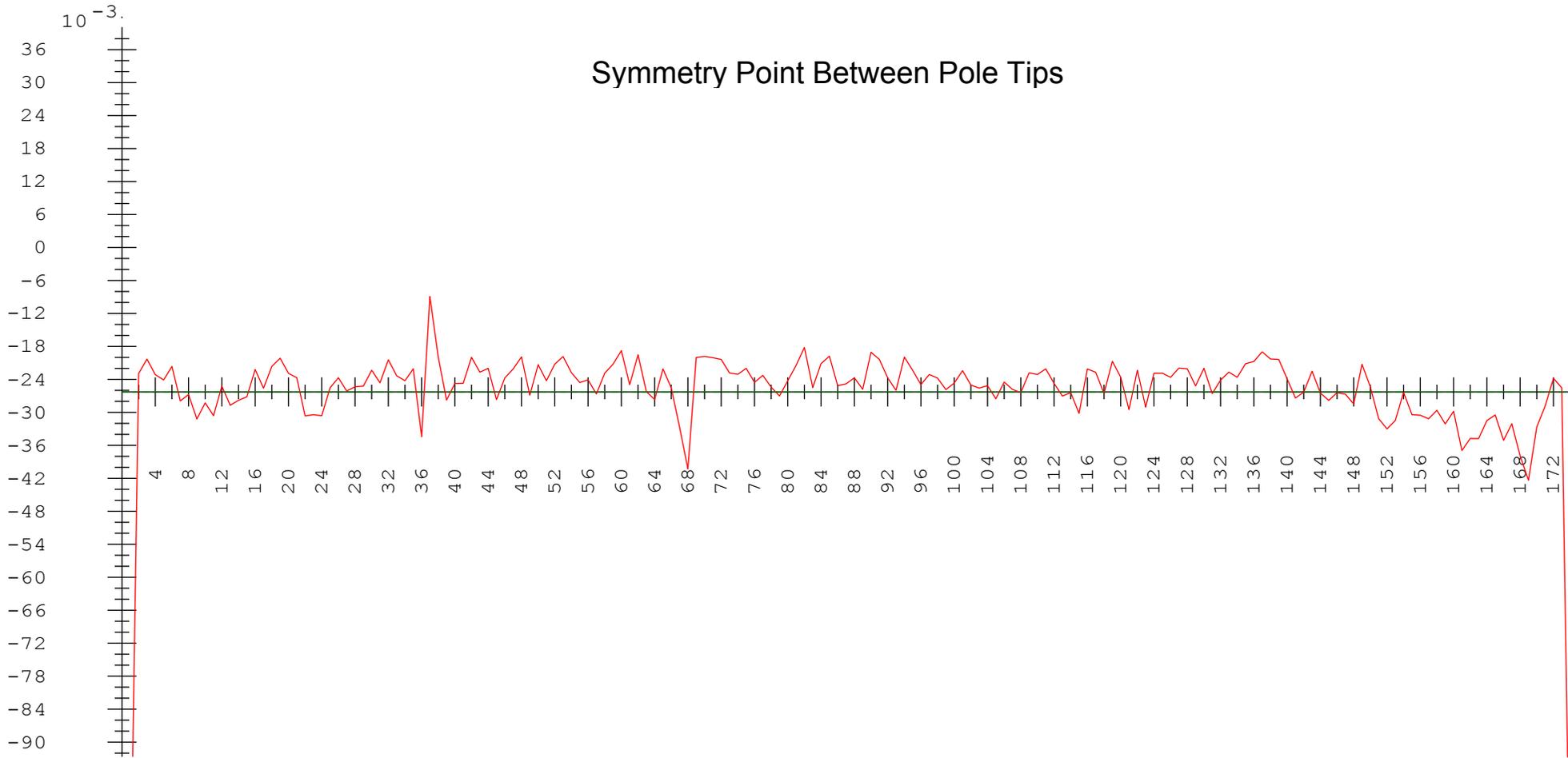


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

29-APR-2019
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 Run = 16

Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0263

Step Between Measured Pole Tips = 1

Dimensions in mm



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Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
Top	4.9845	5.0170	5.0990	5.1323
Bottom	-5.0324	-5.0669	-5.1541	-5.1895
Gap	10.0169			10.3219
Taper				0.3049

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0584	-5.1110	10.1694	-0.0263

Additional Calculated Values

Bottom Pole #1 Z Value	980.492
Top Jaw Pitch (mrad)	0.044
Bottom Jaw Pitch(mrad)	-0.047
Minimum Effective Gap	9.930
Reference Block Gap	6.806

Dimensions in mm



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