

Minimum Effective Gap = 9.979

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

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

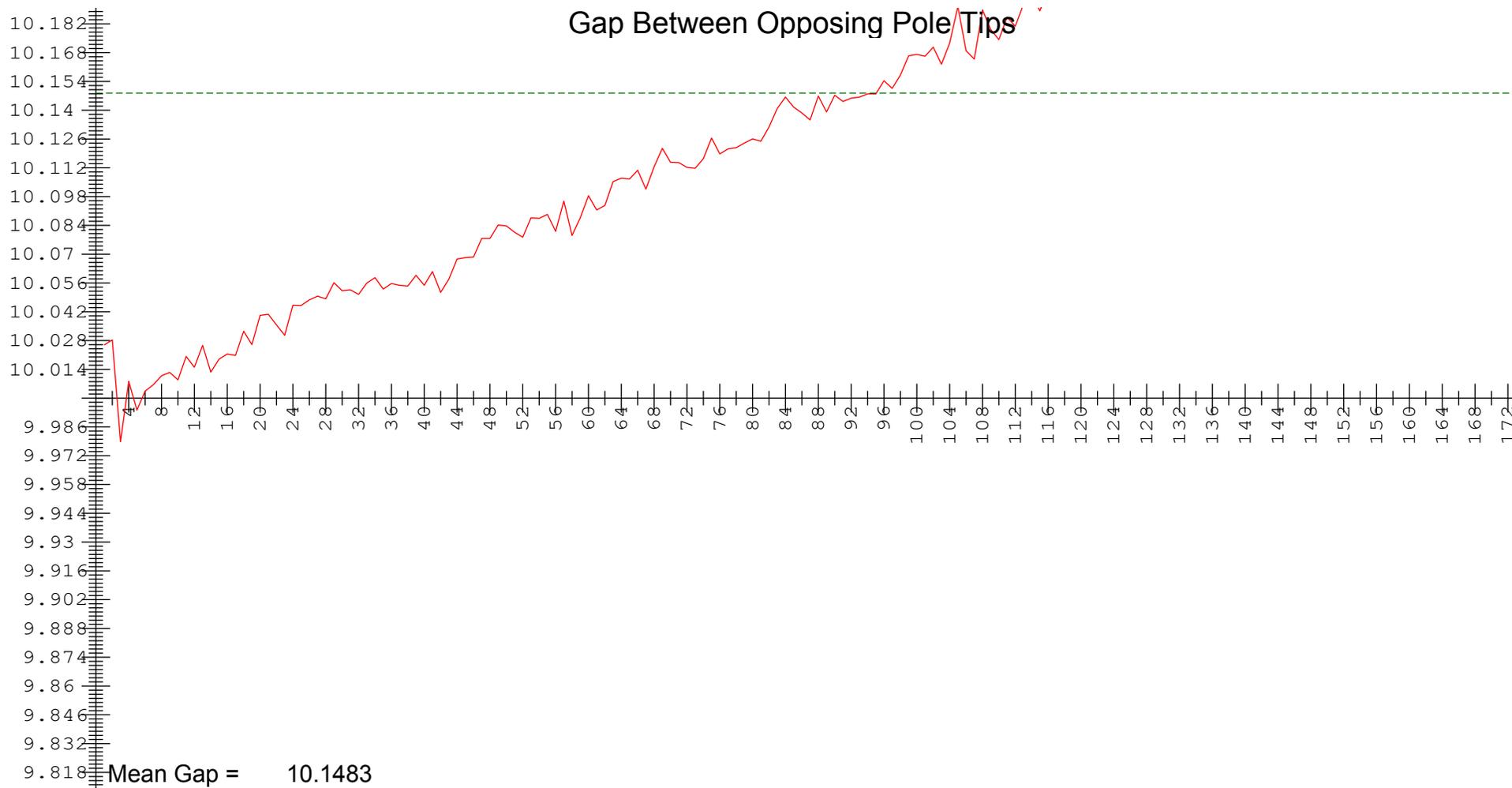


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300

Gap Reading = 10.1500 US Encoder = 10.0001 DS Encoder = 10.3000

19-APR-2018
 S/N = 009
 D/S = 0001
 Run = 16



Step Between Measured Pole Tips = 1

Dimensions in mm



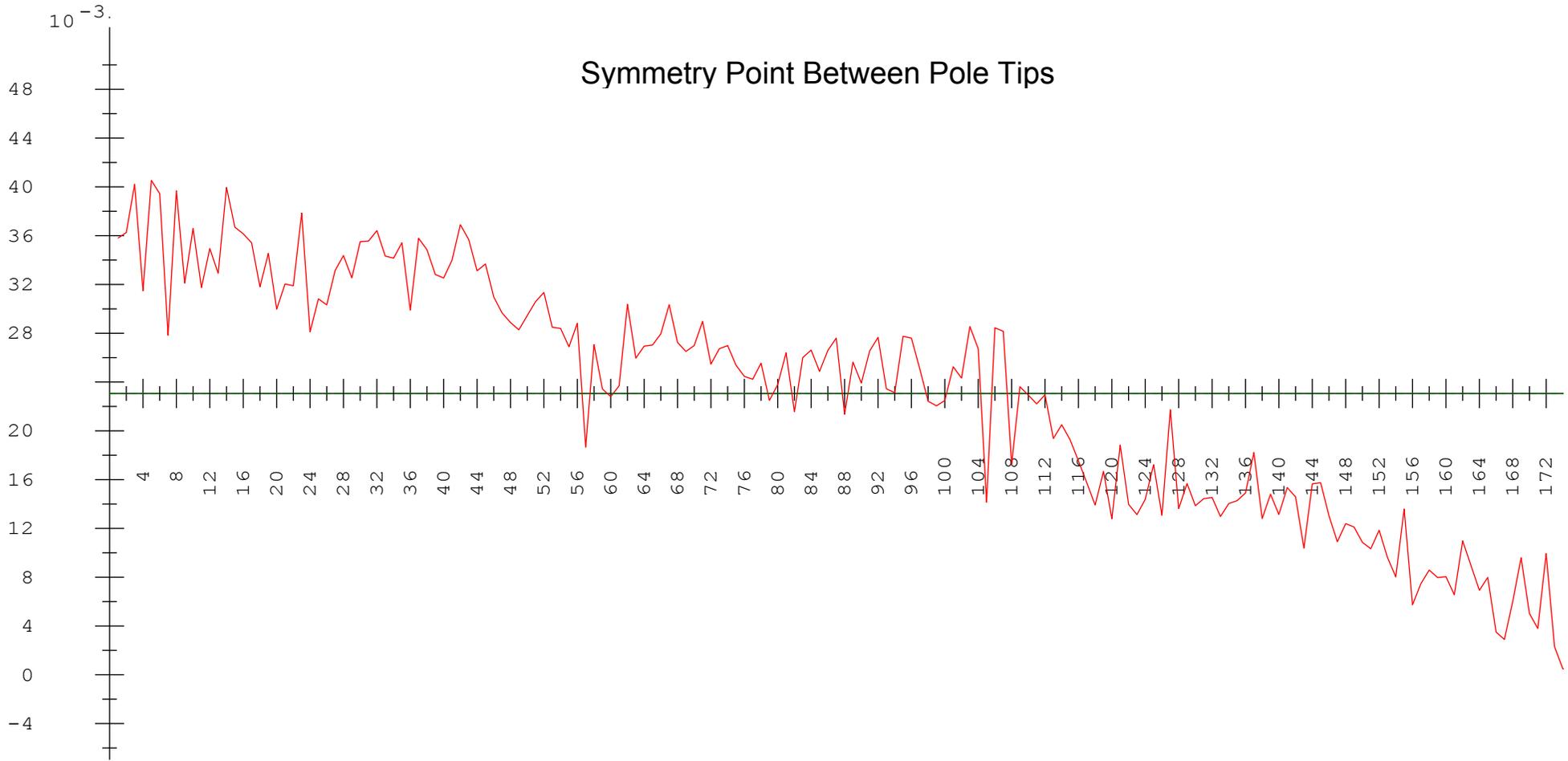
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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0231

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	5.0350	5.0623	5.1314	5.1594
Bottom	-4.9575	-4.9986	-5.1025	-5.1447
Gap	9.9925			10.3041
Taper				0.3116

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0972	-5.0511	10.1483	0.0231

Additional Calculated Values

Bottom Pole #1 Z Value	979.421
Top Jaw Pitch (mrad)	0.037
Bottom Jaw Pitch(mrad)	-0.055
Minimum Effective Gap	9.979
Reference Block Gap	6.806

Dimensions in mm



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