

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points =

Dimensions in mm

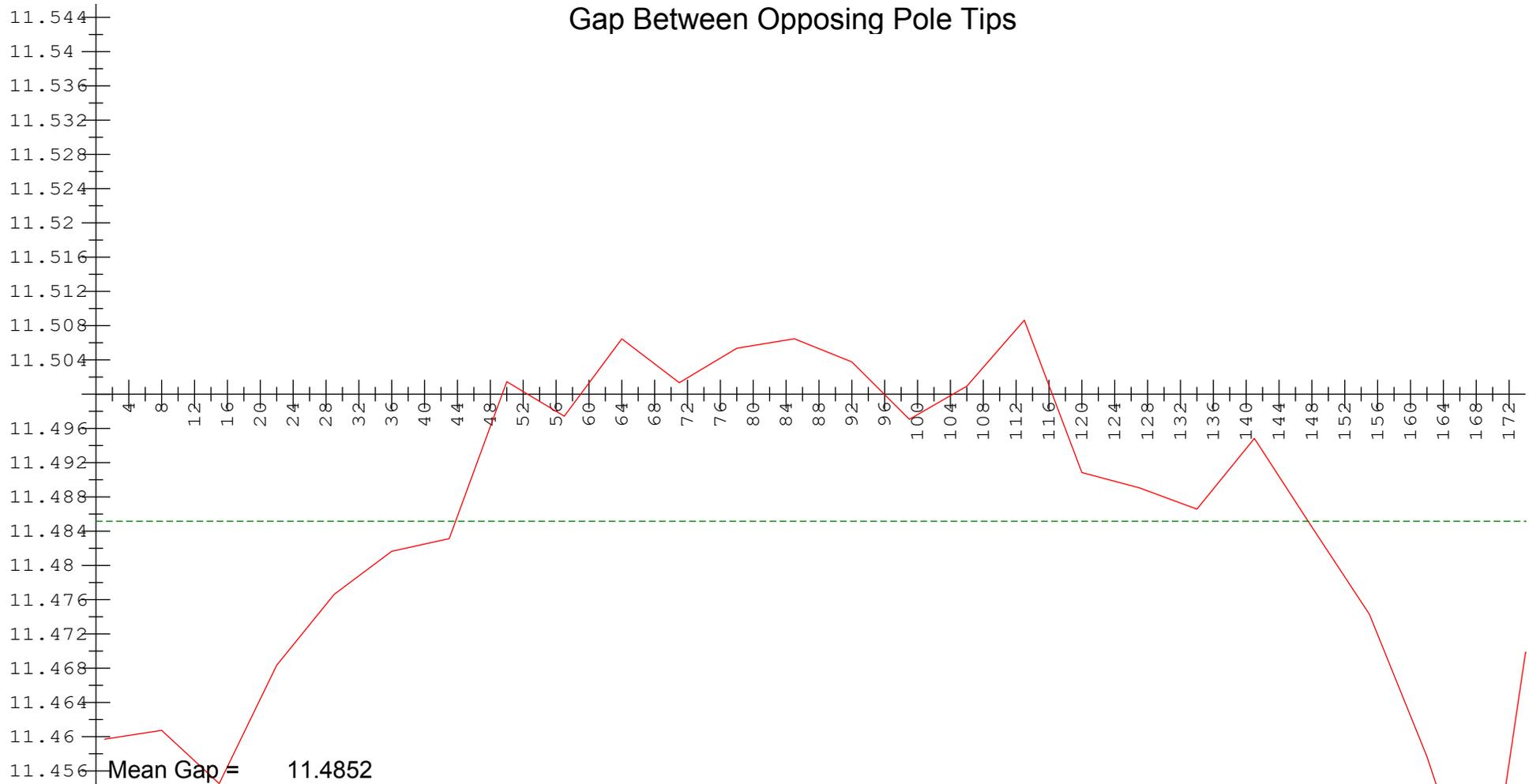


LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000
 Gap Reading = 11.5001 US Encoder = 11.5001 DS Encoder = 11.5001

11-FEB-2019
 S/N = 020
 D/S = 0001
 Run = 6

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

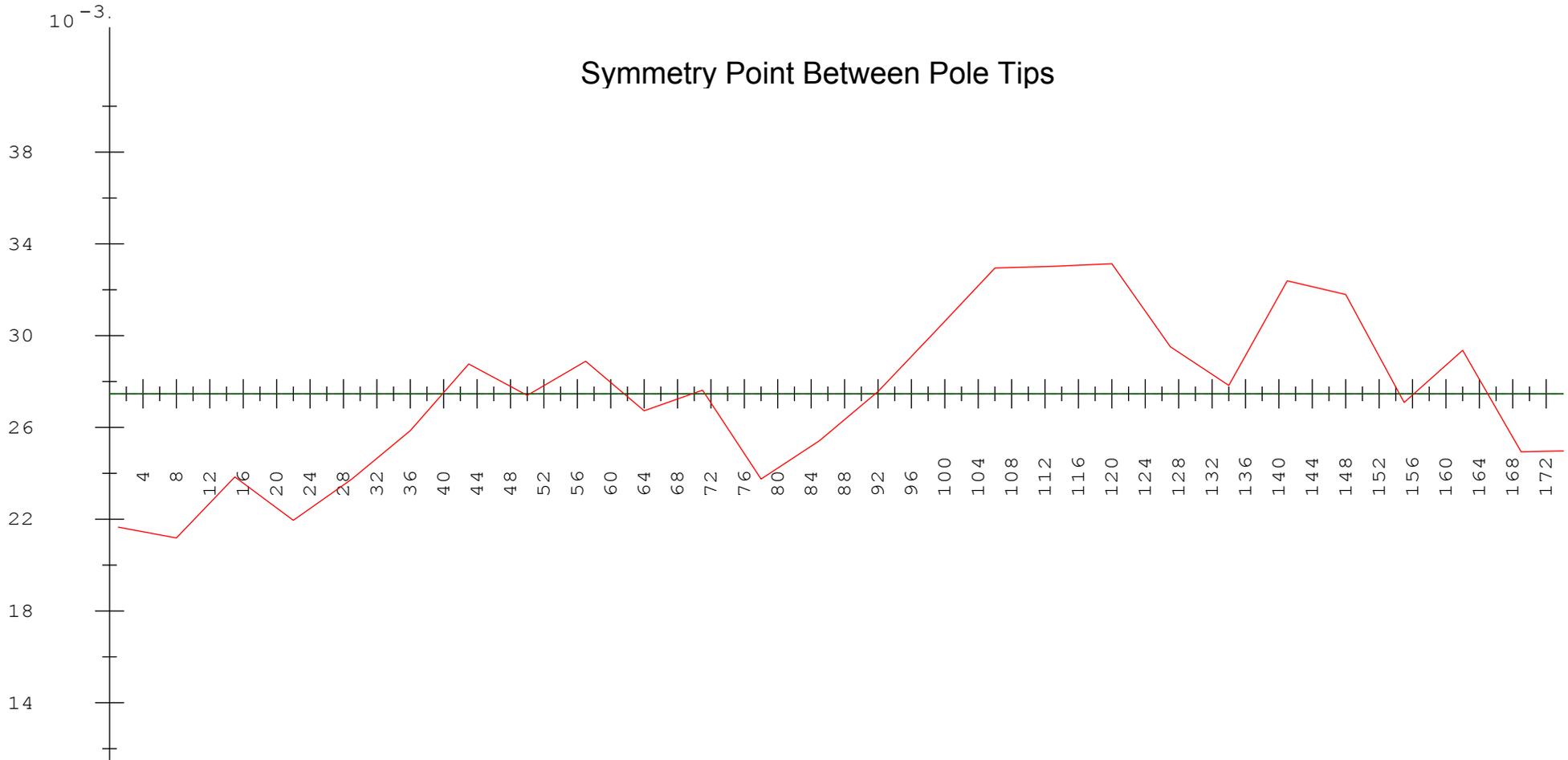


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0275

Step Between Measured Pole Tips = 7

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	5.7662	5.7677	5.7715	5.7730
Bottom	-5.7180	-5.7167	-5.7133	-5.7119
Gap	11.4843			11.4849
Taper				0.0006

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.7700	-5.7151	11.4852	0.0275

Additional Calculated Values

Bottom Pole #1 Z Value	980.504
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.002
Minimum Effective Gap	11.437
Reference Block Gap	6.811

Dimensions in mm



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