

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points =

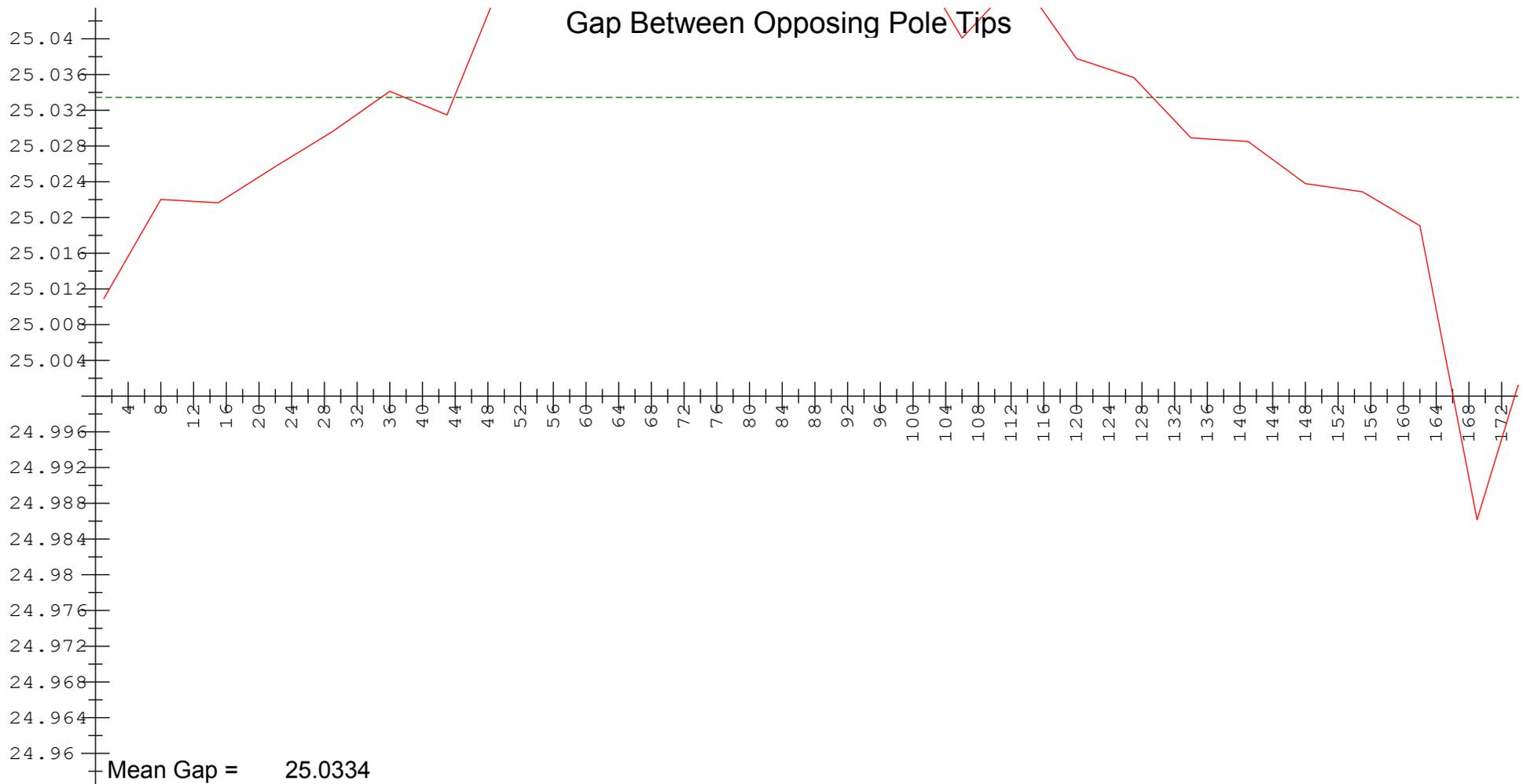
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000
 Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000

15-MAR-2019
 S/N = 022
 D/S = 0001
 Run = 13



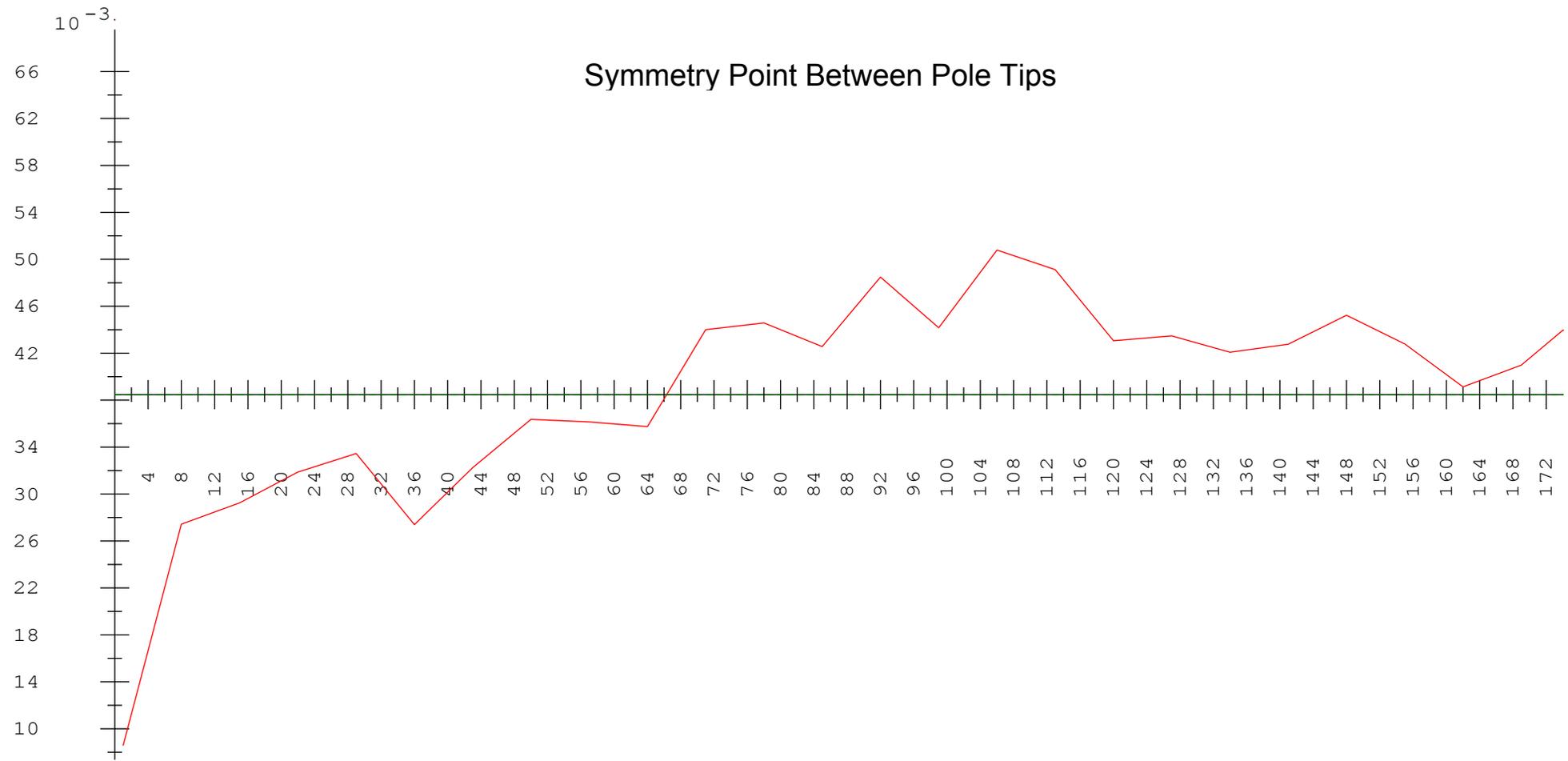
Step Between Measured Pole Tips = 7

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Mean Symmetry Value = 0.0385

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	12.5479	12.5509	12.5585	12.5615
Bottom	-12.4915	-12.4854	-12.4699	-12.4637
Gap	25.0394			25.0252
Taper				-0.0142

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.5552	-12.4783	25.0334	0.0385

Additional Calculated Values

Bottom Pole #1 Z Value	980.569
Top Jaw Pitch (mrad)	0.004
Bottom Jaw Pitch(mrad)	0.008
Minimum Effective Gap	24.966
Reference Block Gap	6.809

Dimensions in mm



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