

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

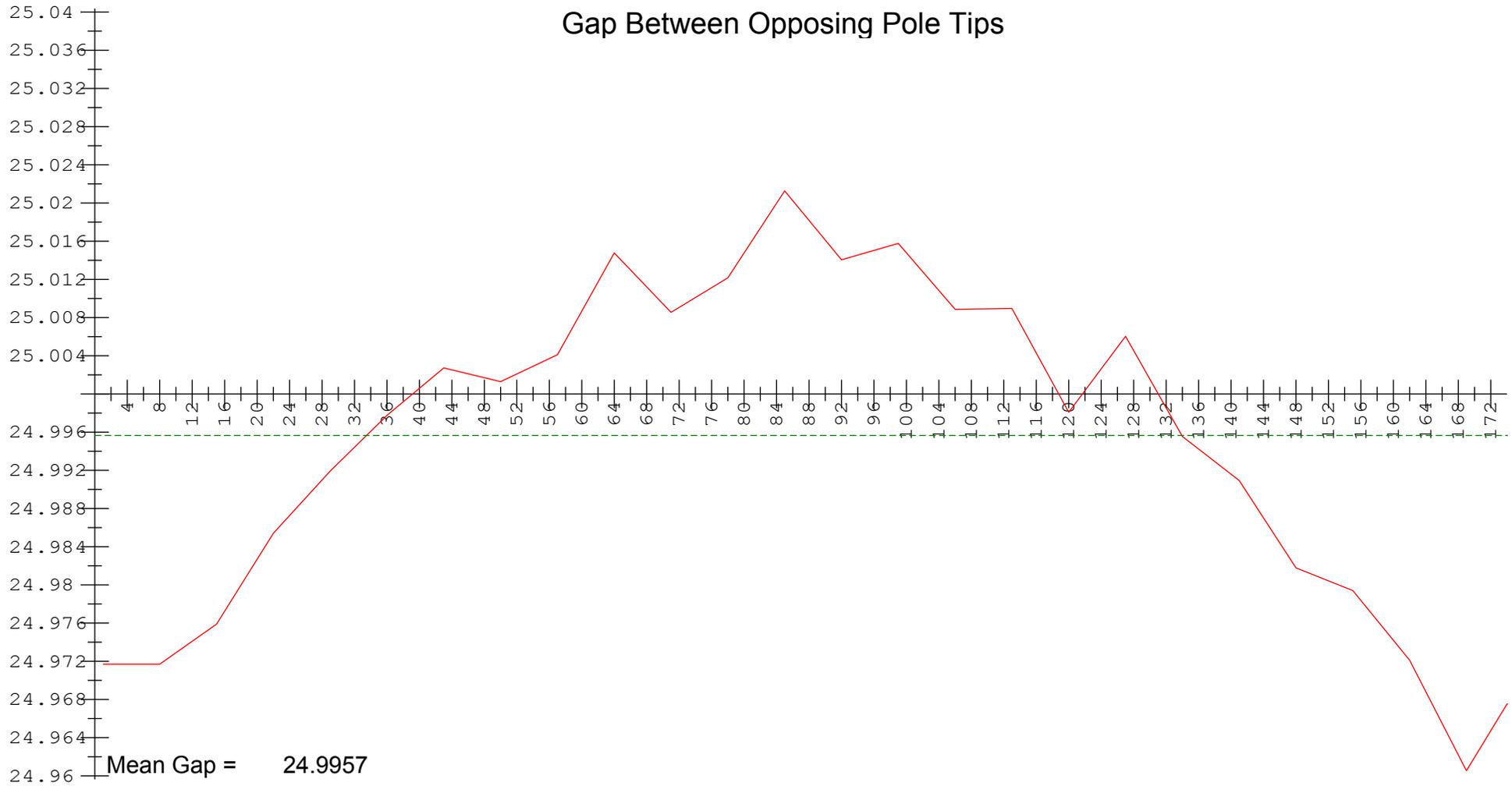
21-AUG-2018

S/N = 014

D/S = 0001

Run = 12

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

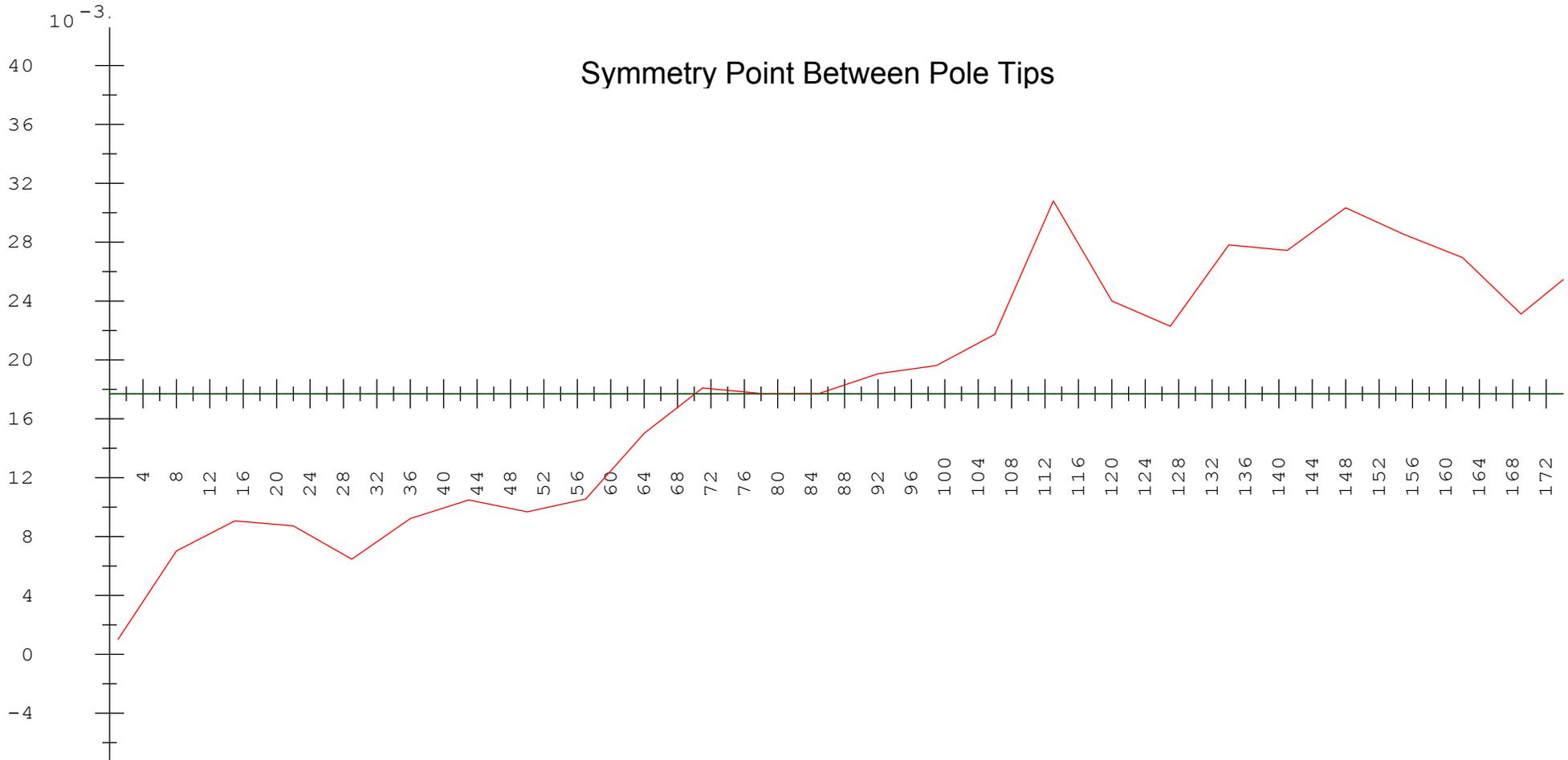


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0177

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	12.5043	12.5091	12.5211	12.5260
Bottom	-12.4943	-12.4878	-12.4713	-12.4646
Gap	24.9986			24.9906
Taper				-0.0080

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.5155	-12.4801	24.9957	0.0177

Additional Calculated Values

Bottom Pole #1 Z Value	979.941
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	0.009
Minimum Effective Gap	24.944
Reference Block Gap	6.806

Dimensions in mm



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