

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 7

Regression Line Through Points =
 Dimensions in mm



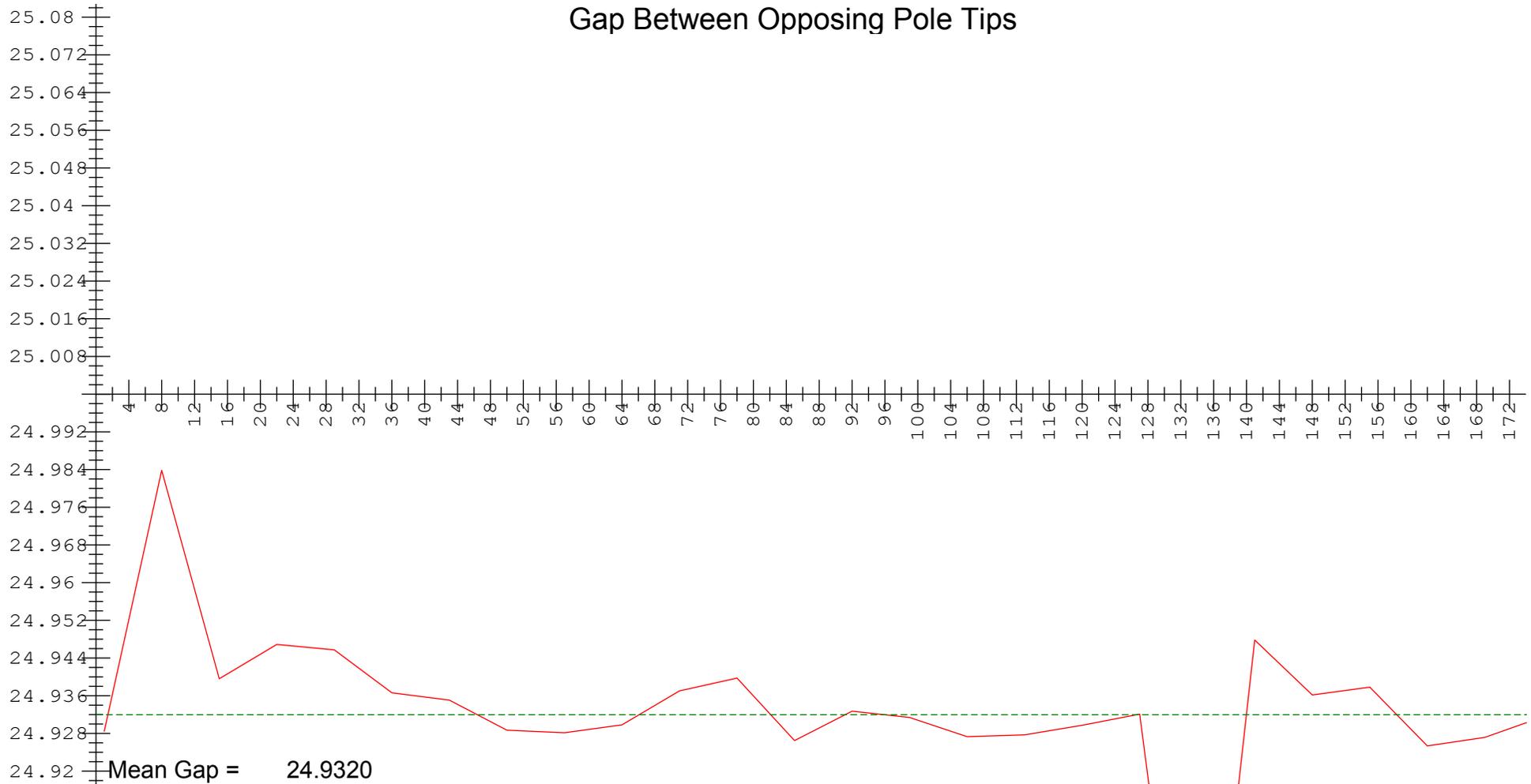
LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000

Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000

13-SEP-2018
 S/N = 001
 D/S = 0004
 Run = 12

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

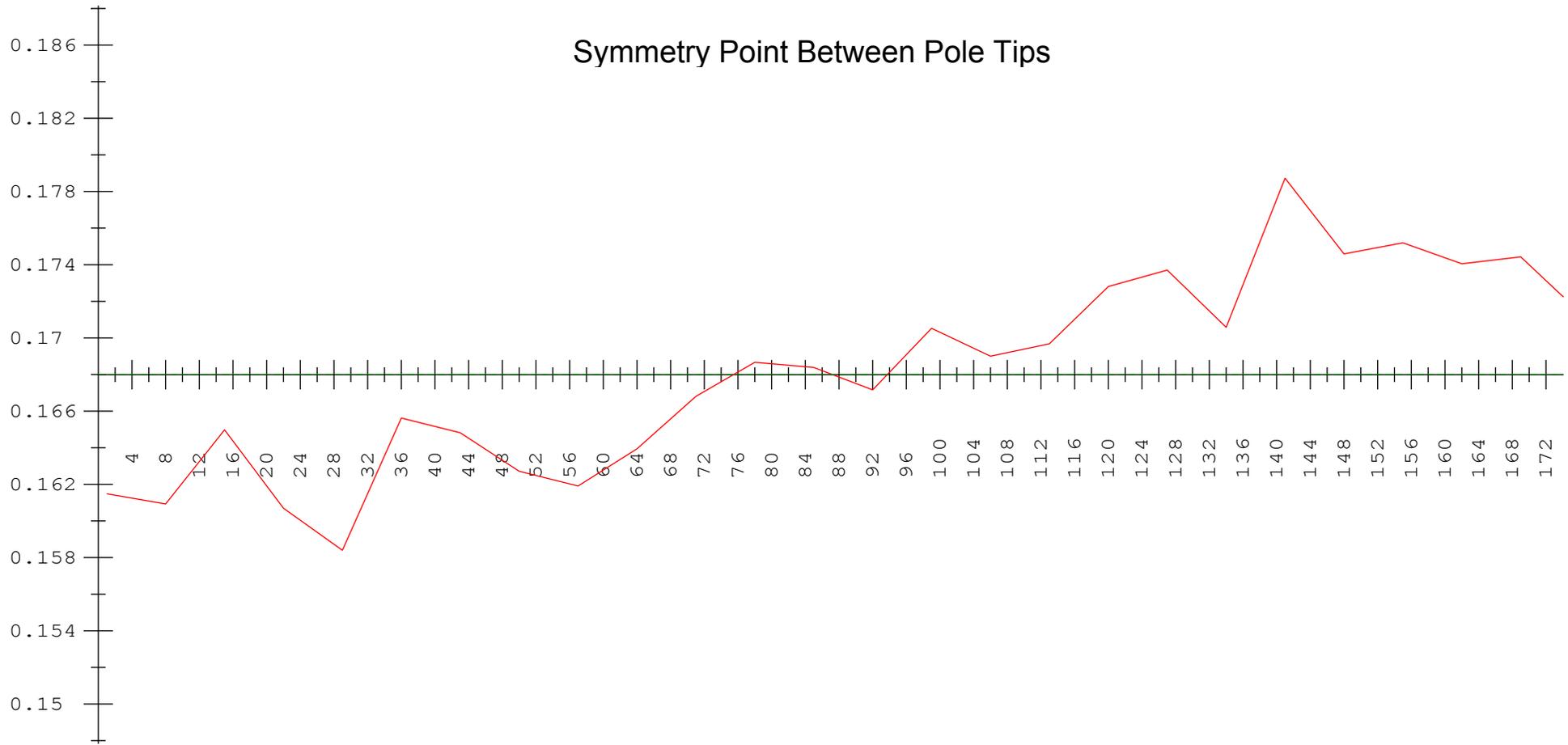


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1680

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	12.6326	12.6332	12.6349	12.6356
Bottom	-12.3123	-12.3060	-12.2901	-12.2836
Gap	24.9448			24.9193
Taper				-0.0256

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.6340	-12.2980	24.9320	0.1680

Additional Calculated Values

Bottom Pole #1 Z Value	979.975
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.008
Minimum Effective Gap	24.838
Reference Block Gap	6.807

Dimensions in mm



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