

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

Regression Line Through Points =
 Dimensions in mm



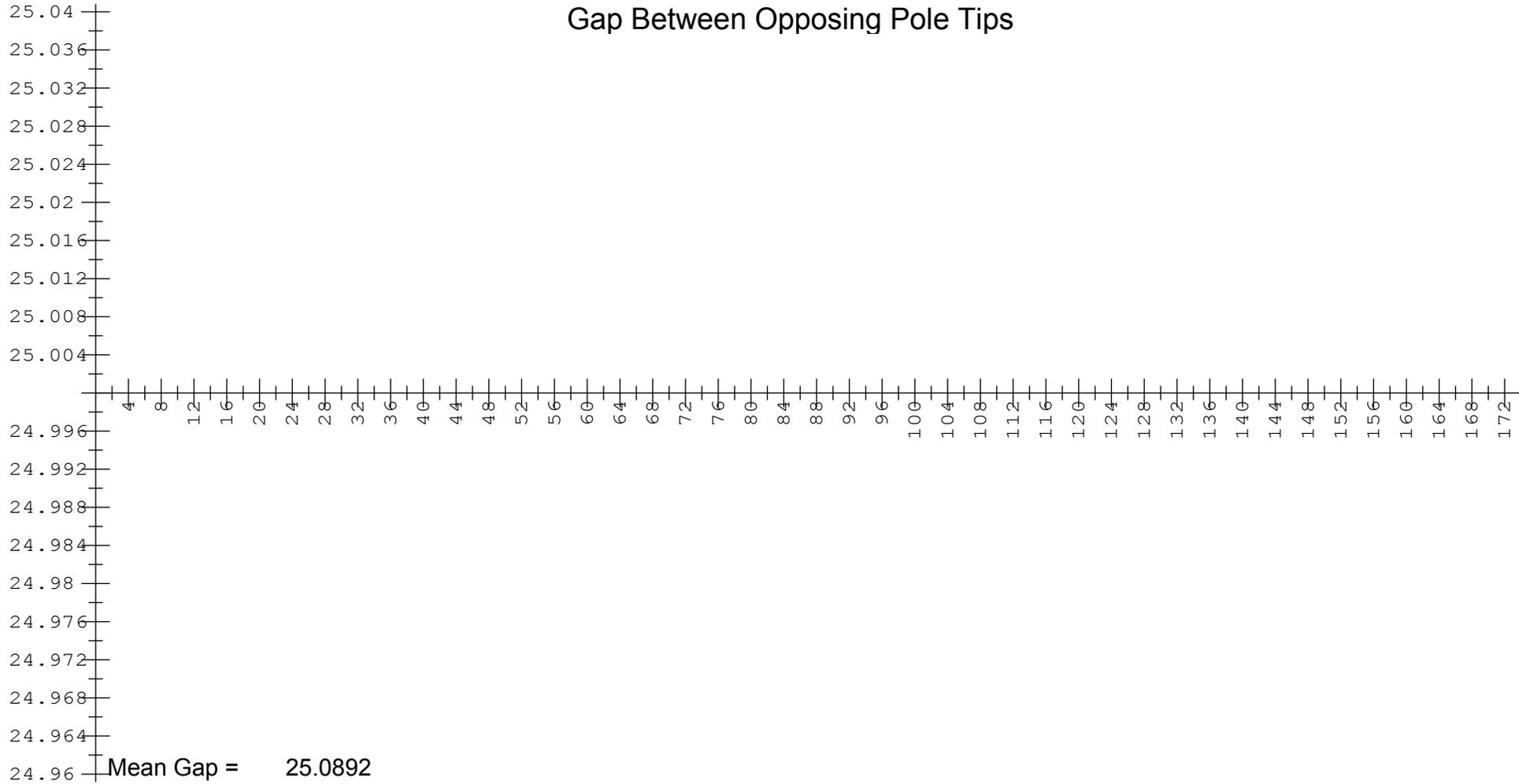
LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000

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

04-APR-2019
 S/N = 002
 D/S = 0001
 Run = 11

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

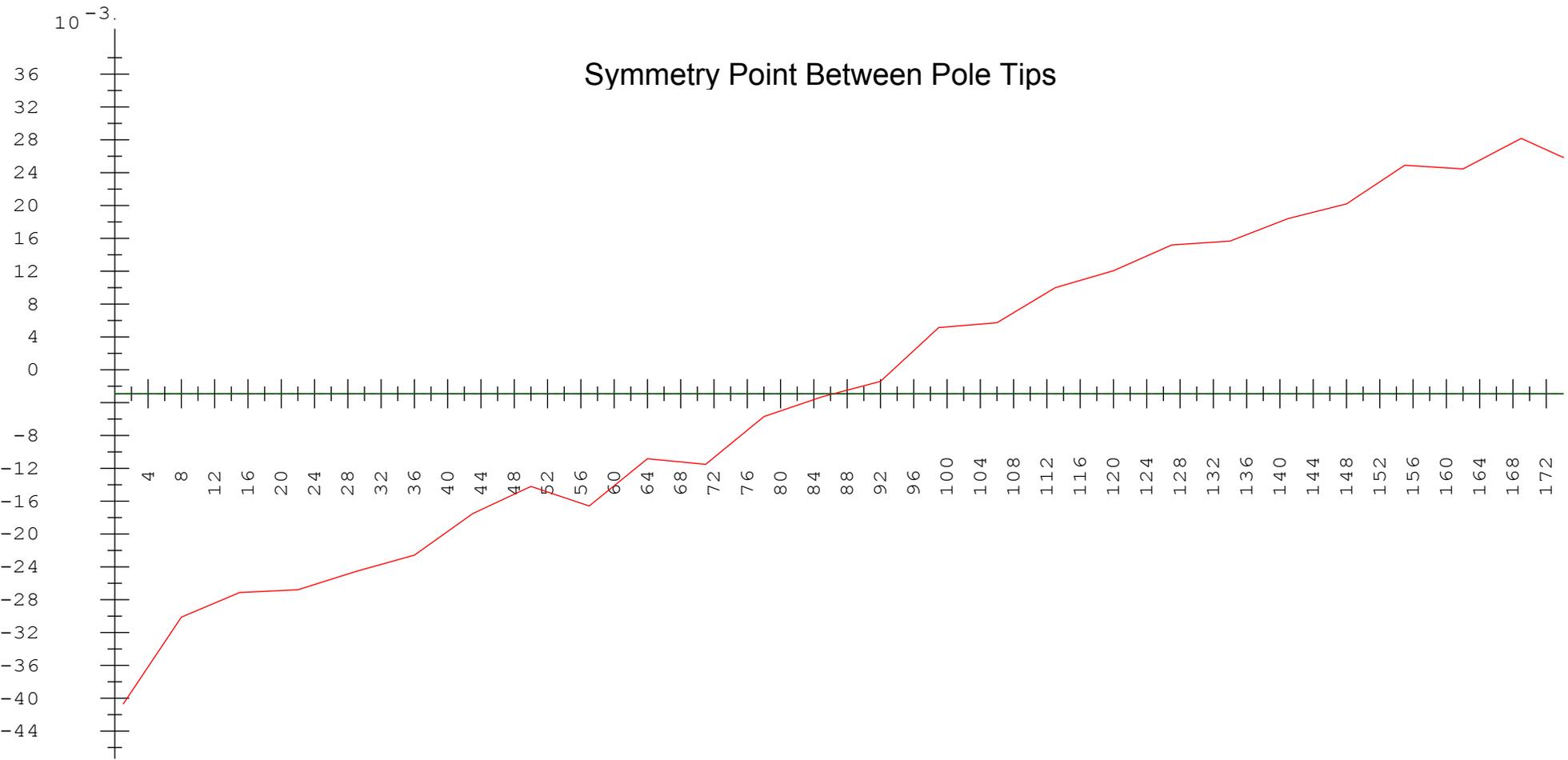
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Mean Symmetry Value = -0.0029

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	12.5187	12.5290	12.5553	12.5659
Bottom	-12.5884	-12.5701	-12.5237	-12.5048
Gap	25.1071			25.0708
Taper				-0.0363

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.5417	-12.5475	25.0892	-0.0029

Additional Calculated Values

Bottom Pole #1 Z Value	980.303
Top Jaw Pitch (mrad)	0.014
Bottom Jaw Pitch(mrad)	0.025
Minimum Effective Gap	24.997
Reference Block Gap	6.810

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