

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 = 12 Nominal Taper = 0.000

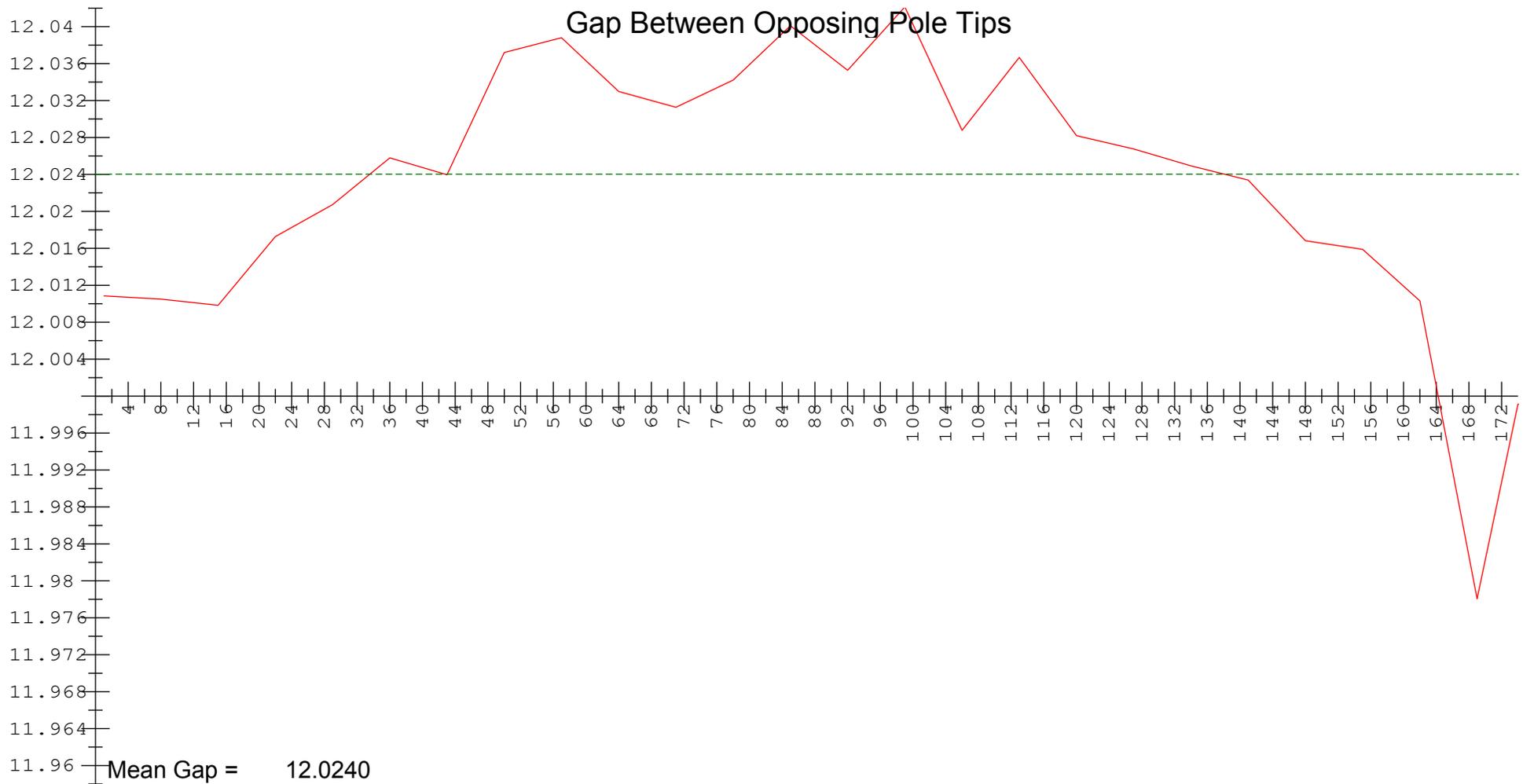
Gap Reading = 12.0001 US Encoder = 12.0001 DS Encoder = 12.0001

15-MAR-2019

S/N = 022

D/S = 0001

Run = 8



Step Between Measured Pole Tips = 7

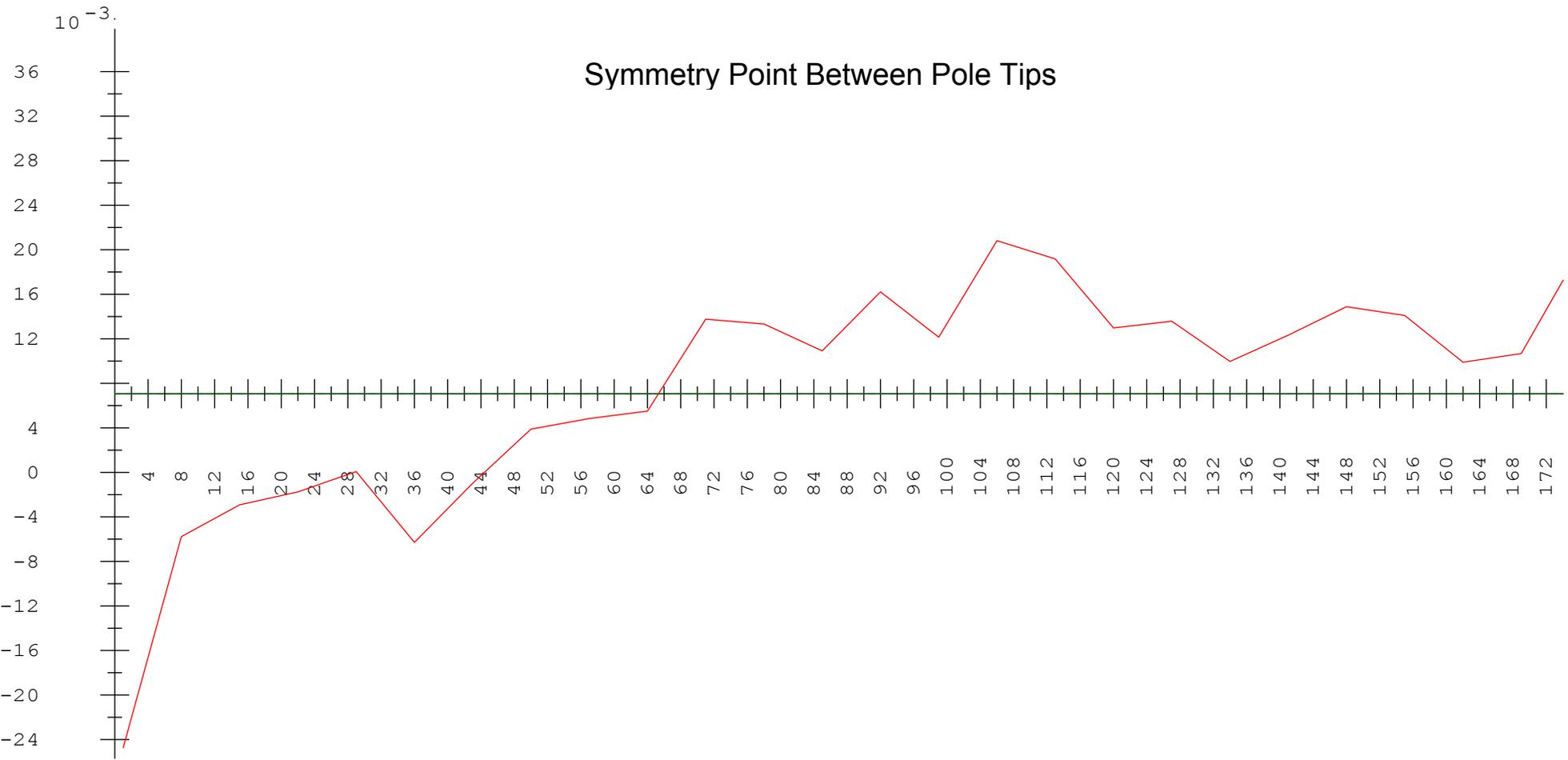
Dimensions in mm



LCLS II - SXR Undulator

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Mean Symmetry Value = 0.0071

Step Between Measured Pole Tips = 7

Dimensions in mm

 <p>SLAC NATIONAL ACCELERATOR LABORATORY METROLOGY</p>	<p>LCLS II - SXR Undulator</p> <p>Nominal Gap = 12 Nominal Taper = 0.000</p> <p>Gap Reading = 12.0001 US Encoder = 12.0001 DS Encoder = 12.0001</p>	<p>15-MAR-2019</p> <p>S/N = 022</p> <p>D/S = 0001</p> <p>Run = 8</p>
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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	6.0090	6.0134	6.0243	6.0288
Bottom	-6.0197	-6.0129	-5.9958	-5.9888
Gap	12.0287			12.0176
Taper				-0.0111

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.0191	-6.0049	12.0240	0.0071

Additional Calculated Values

Bottom Pole #1 Z Value	980.569
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	0.009
Minimum Effective Gap	11.959
Reference Block Gap	6.809

Dimensions in mm



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