

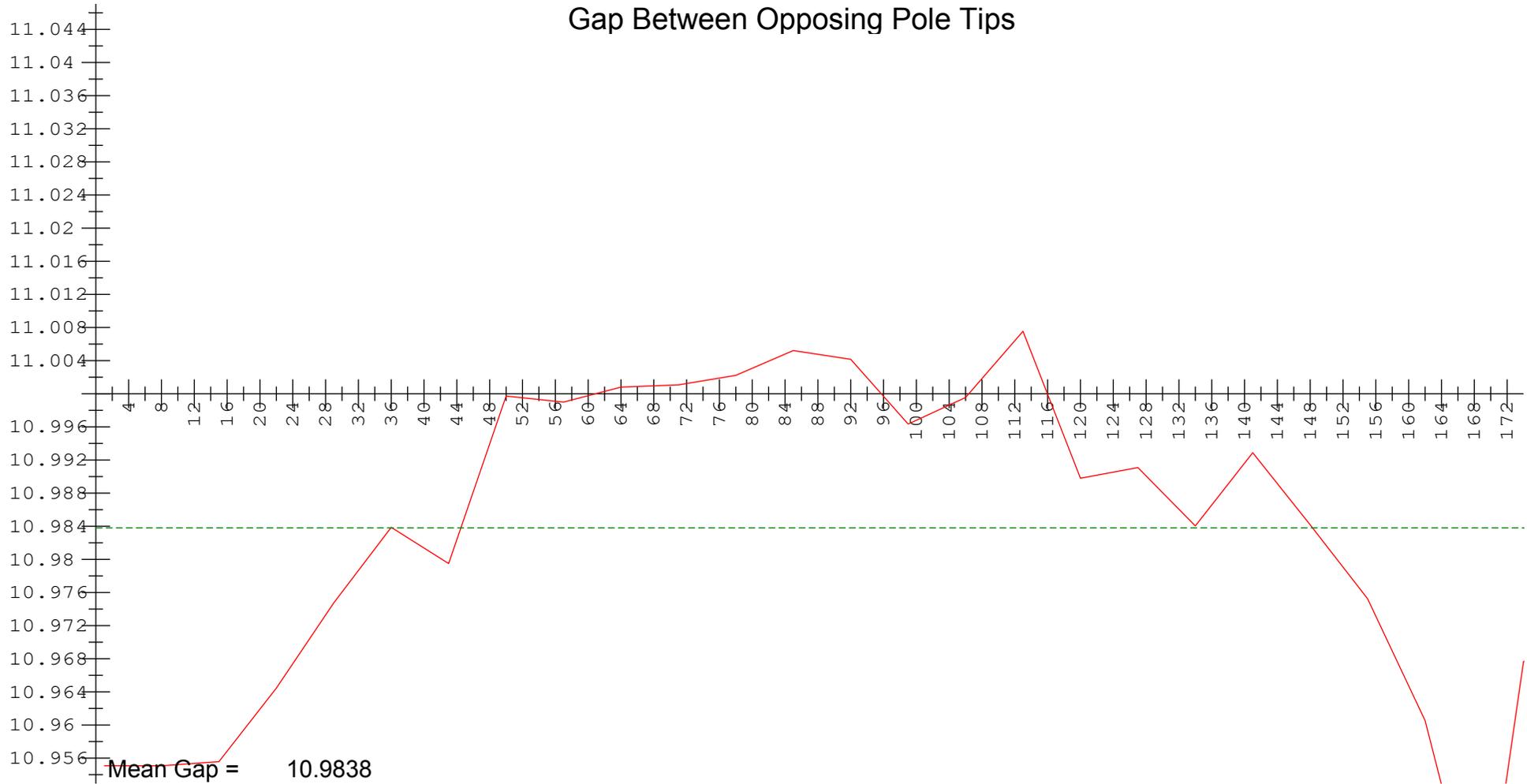
Minimum Effective Gap = 10.933

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

Regression Line Through Points = -----
 Dimensions in mm

	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 11 Nominal Taper = 0.000</p> <p style="margin: 0;">Gap Reading = 11.0001 US Encoder = 11.0001 DS Encoder = 11.0001</p>	<p style="margin: 0;">11-FEB-2019</p> <p style="margin: 0;">S/N = 020</p> <p style="margin: 0;">D/S = 0001</p> <p style="margin: 0;">Run = 5</p>
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Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

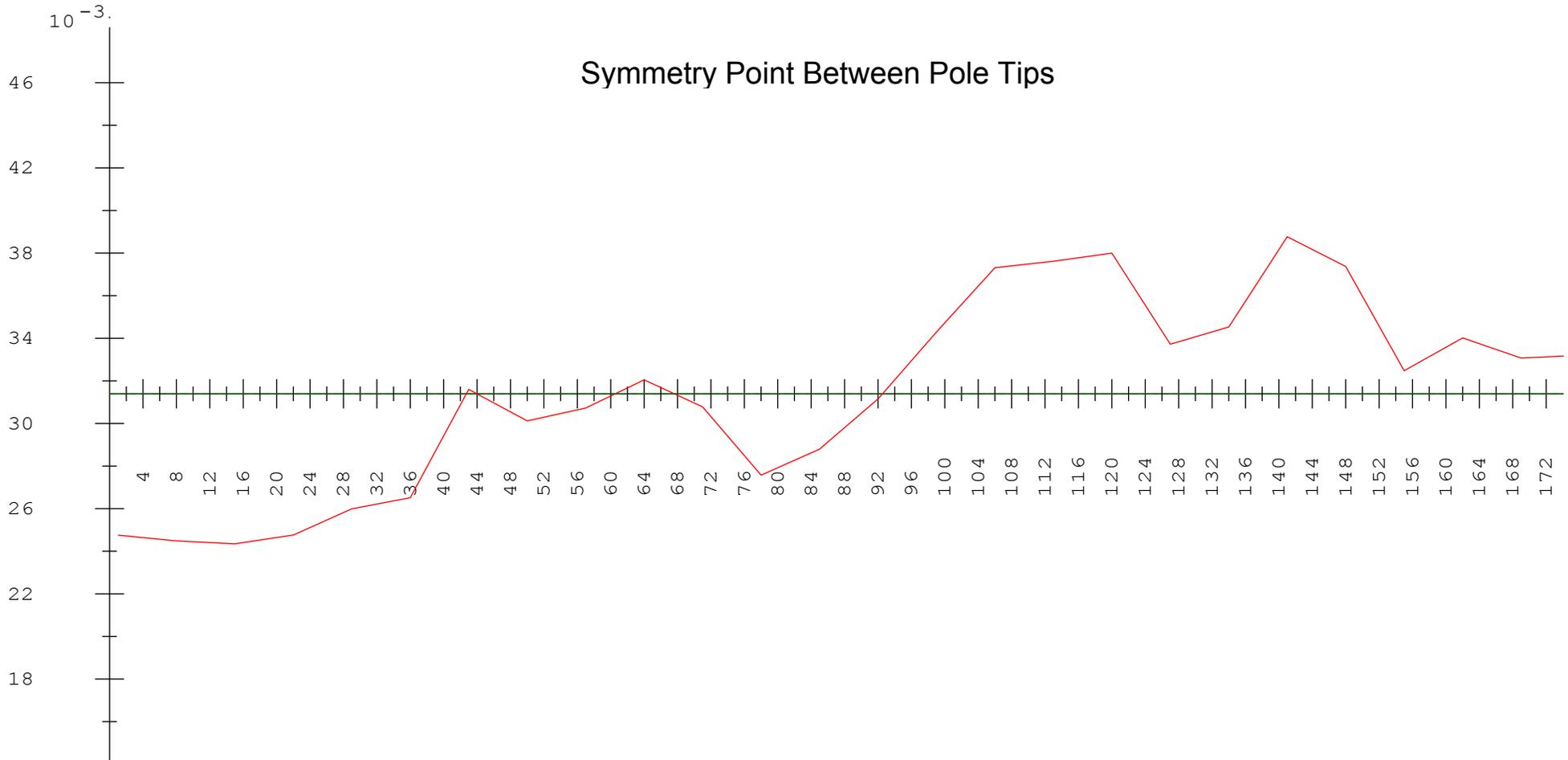


LCLS II - SXR Undulator

Nominal Gap = 11 Nominal Taper = 0.000
 Gap Reading = 11.0001 US Encoder = 11.0001 DS Encoder = 11.0001

11-FEB-2019
 S/N = 020
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 Run = 5

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0314

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	5.5165	5.5193	5.5266	5.5295
Bottom	-5.4653	-5.4631	-5.4574	-5.4551
Gap	10.9818			10.9846
Taper				0.0028

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.5233	-5.4605	10.9838	0.0314

Additional Calculated Values

Bottom Pole #1 Z Value	980.504
Top Jaw Pitch (mrad)	0.004
Bottom Jaw Pitch(mrad)	0.003
Minimum Effective Gap	10.933
Reference Block Gap	6.811

Dimensions in mm



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