

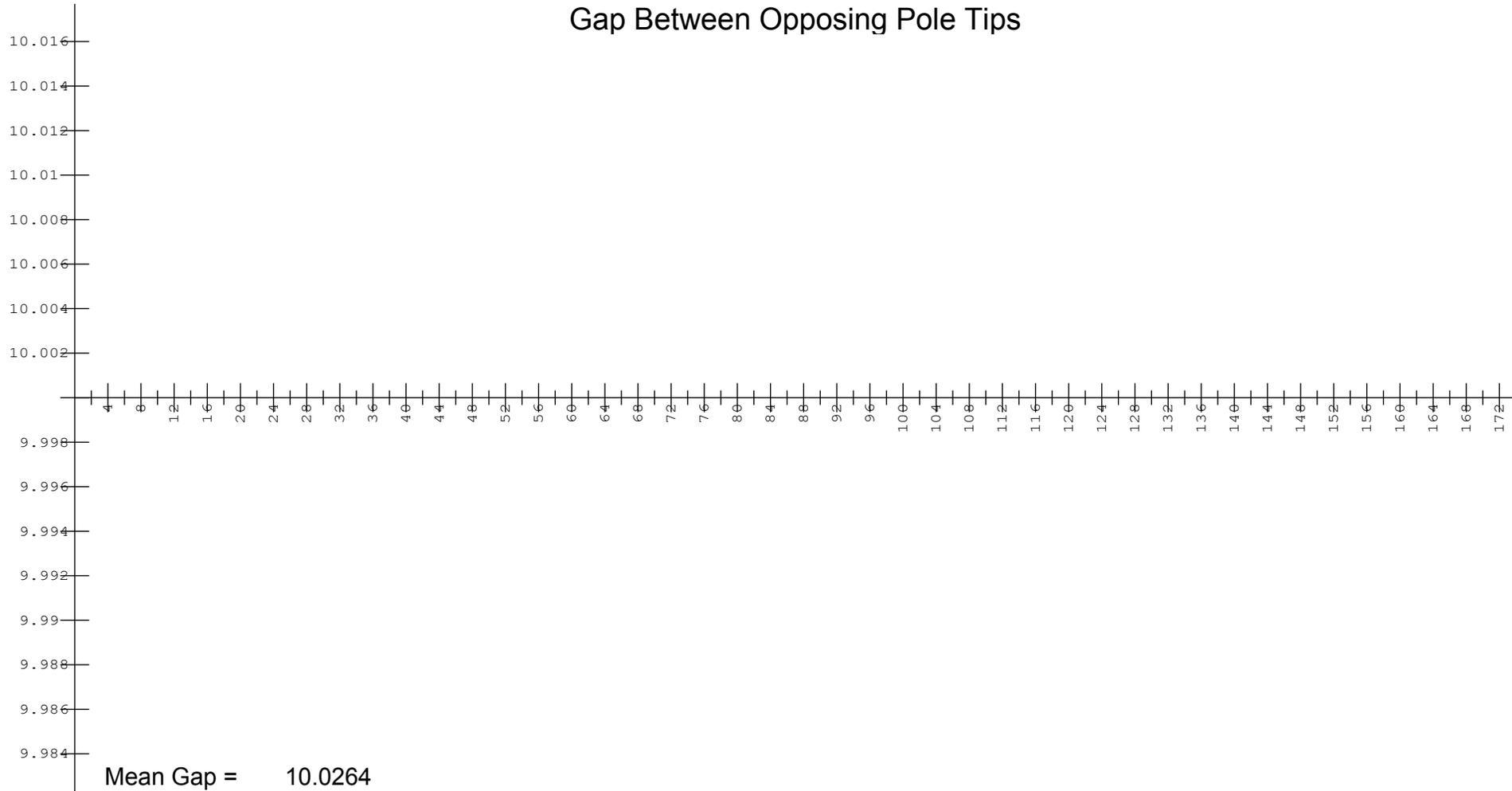
Minimum Effective Gap = 10.017

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 117

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

	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 10</p> <p style="margin: 0;">Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000</p>	<p style="margin: 0;">13-MAR-2018</p> <p style="margin: 0;">S/N = 007</p> <p style="margin: 0;">D/S= 0001</p> <p style="margin: 0;">Run= 25</p>
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Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 117

Dimensions in mm



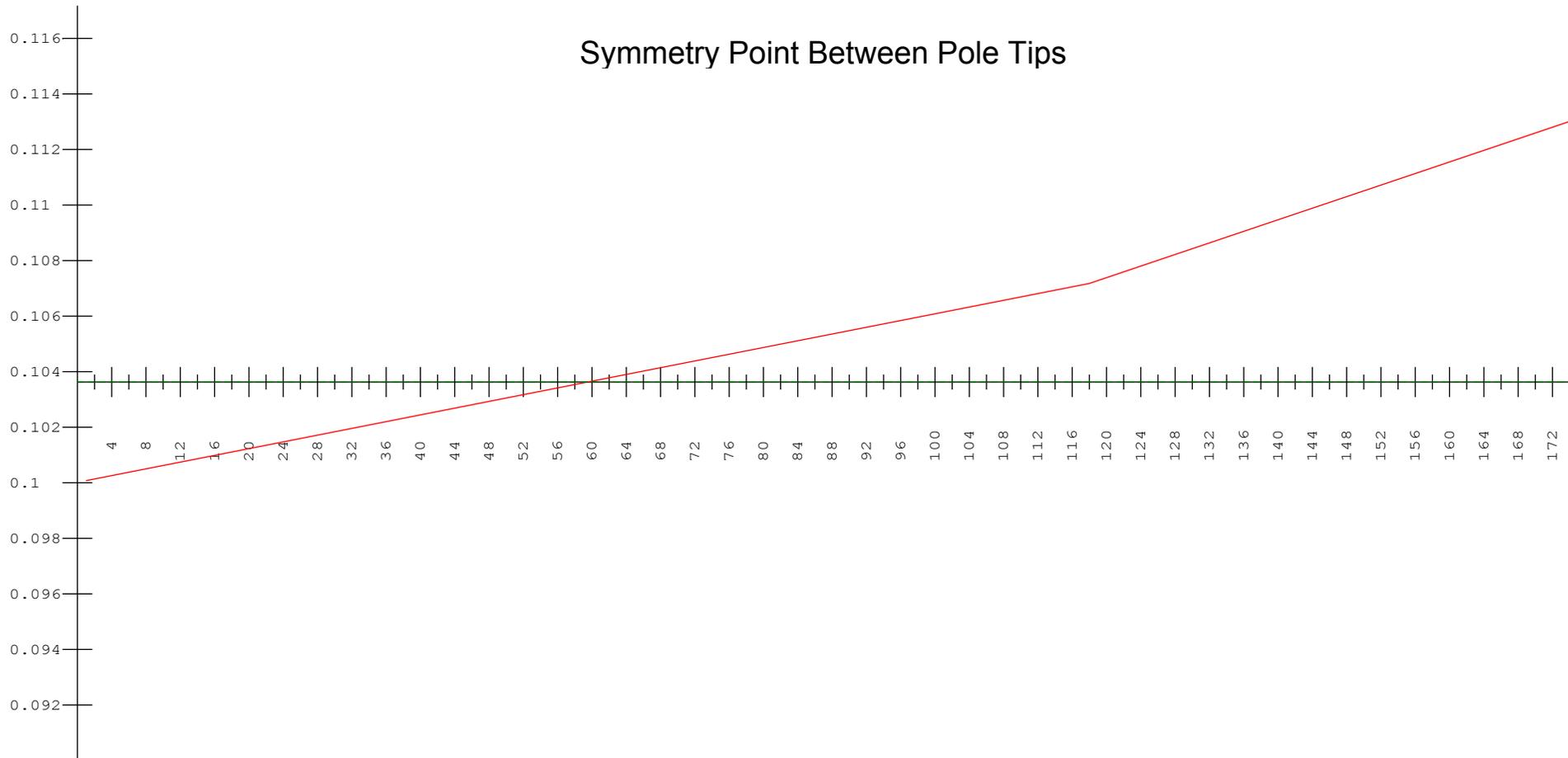
LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

13-MAR-2018
S/N = 007
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Run = 25

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1036

Step Between Measured Pole Tips = 117

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	5.1157	5.1174	5.1216	5.1233
Bottom	-4.9162	-4.9124	-4.9027	-4.8987
Gap	10.0319			10.0220
Taper				-0.0099

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1168	-4.9095	10.0264	0.1036

Additional Calculated Values

Bottom Pole #1 Z Value	979.180
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	10.017
Reference Block Gap	6.811

Dimensions in mm



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