

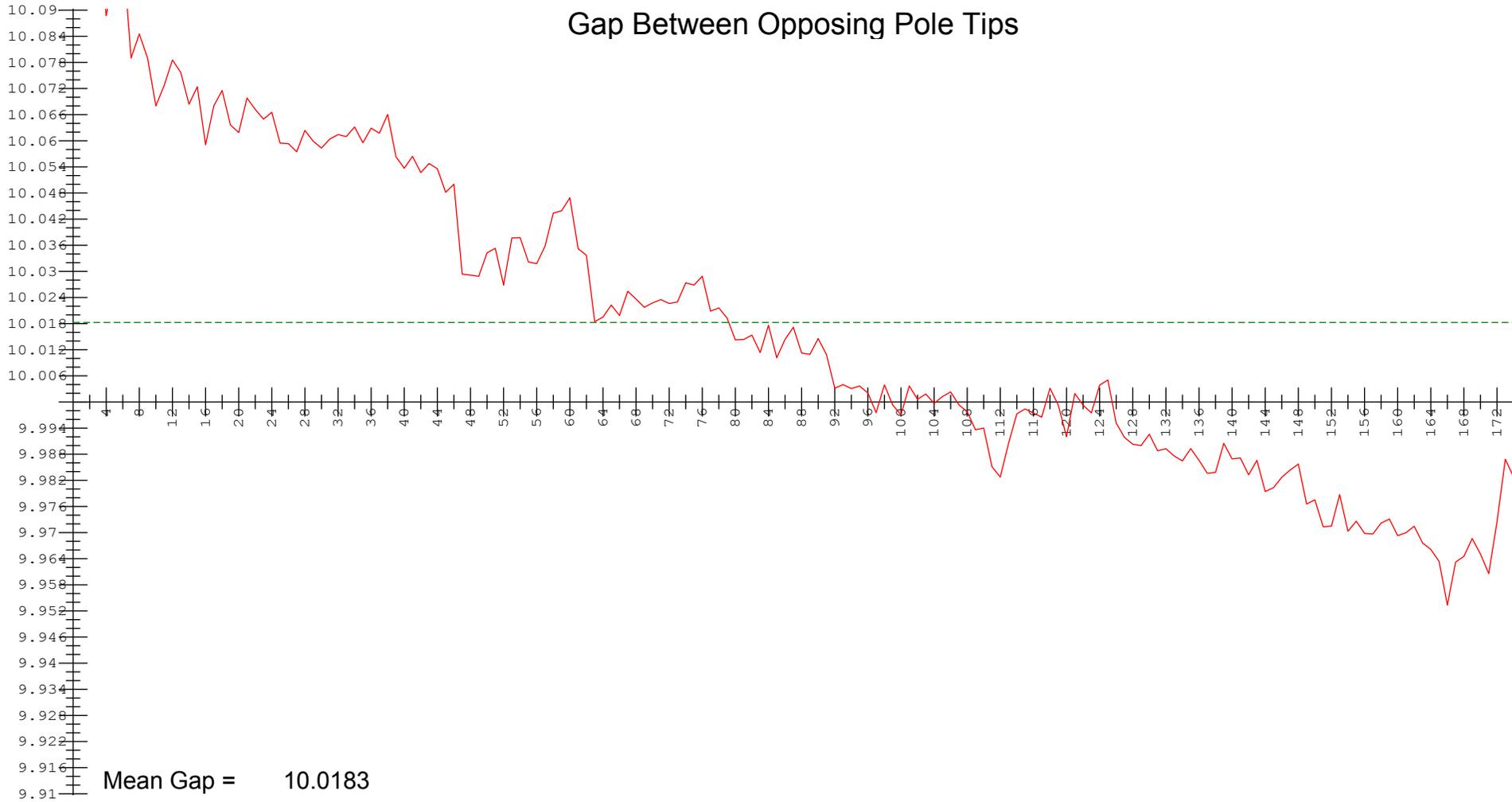
Minimum Effective Gap = 9.951

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 1

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;">07-MAR-2018</p> <p style="margin: 0;">S/N = 007</p> <p style="margin: 0;">D/S = 0001</p> <p style="margin: 0;">Run = 4</p>
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Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

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

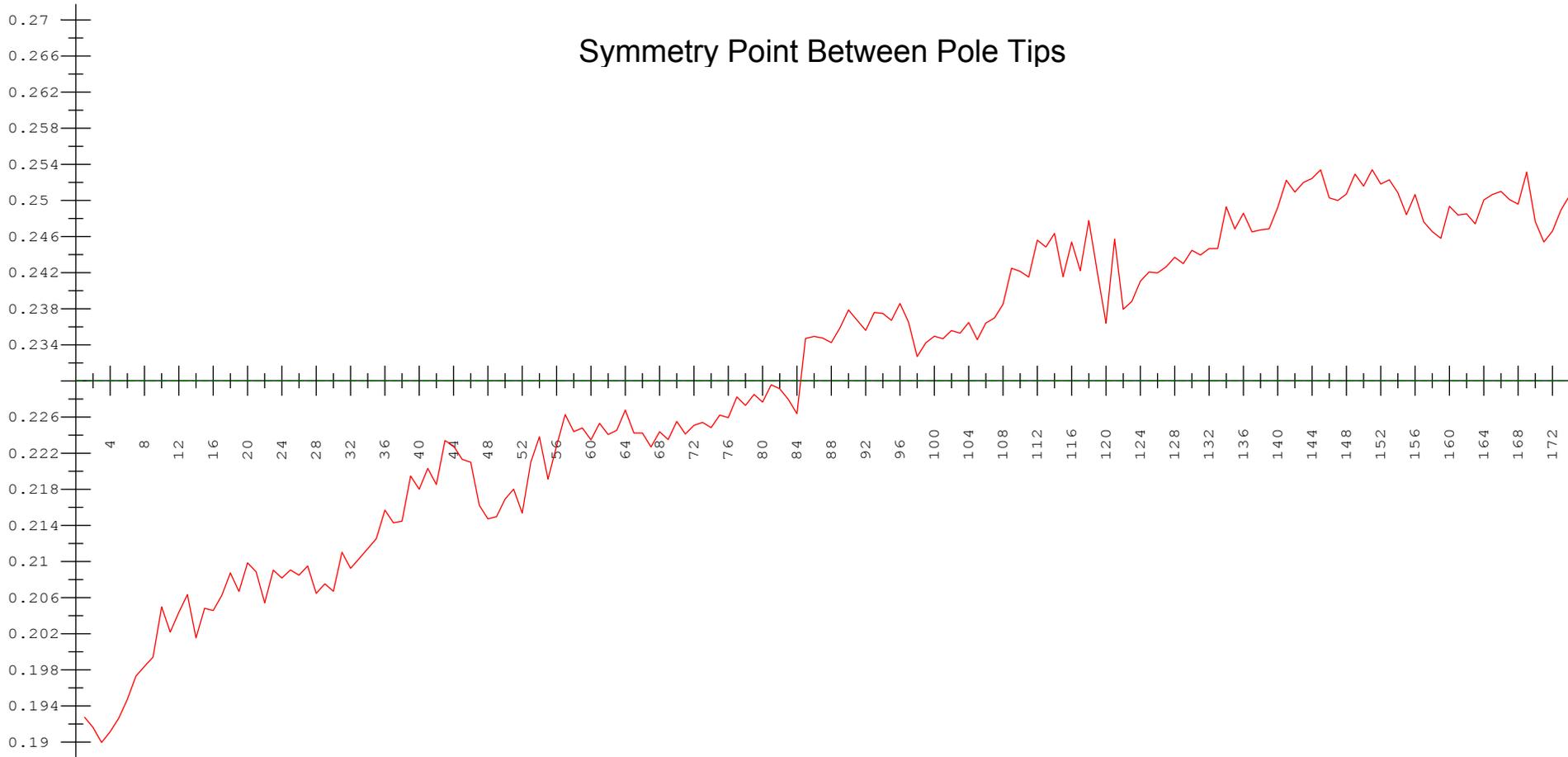
07-MAR-2018

S/N = 007

D/S = 0001

Run = 4

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2300

Step Between Measured Pole Tips = 1

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	5.2415	5.2405	5.2378	5.2368
Bottom	-4.8378	-4.8120	-4.7468	-4.7204
Gap	10.0794			9.9571
Taper				-0.1223

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2392	-4.7791	10.0183	0.2300

Additional Calculated Values

Bottom Pole #1 Z Value	979.176
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.035
Minimum Effective Gap	9.951
Reference Block Gap	6.804

Dimensions in mm



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