

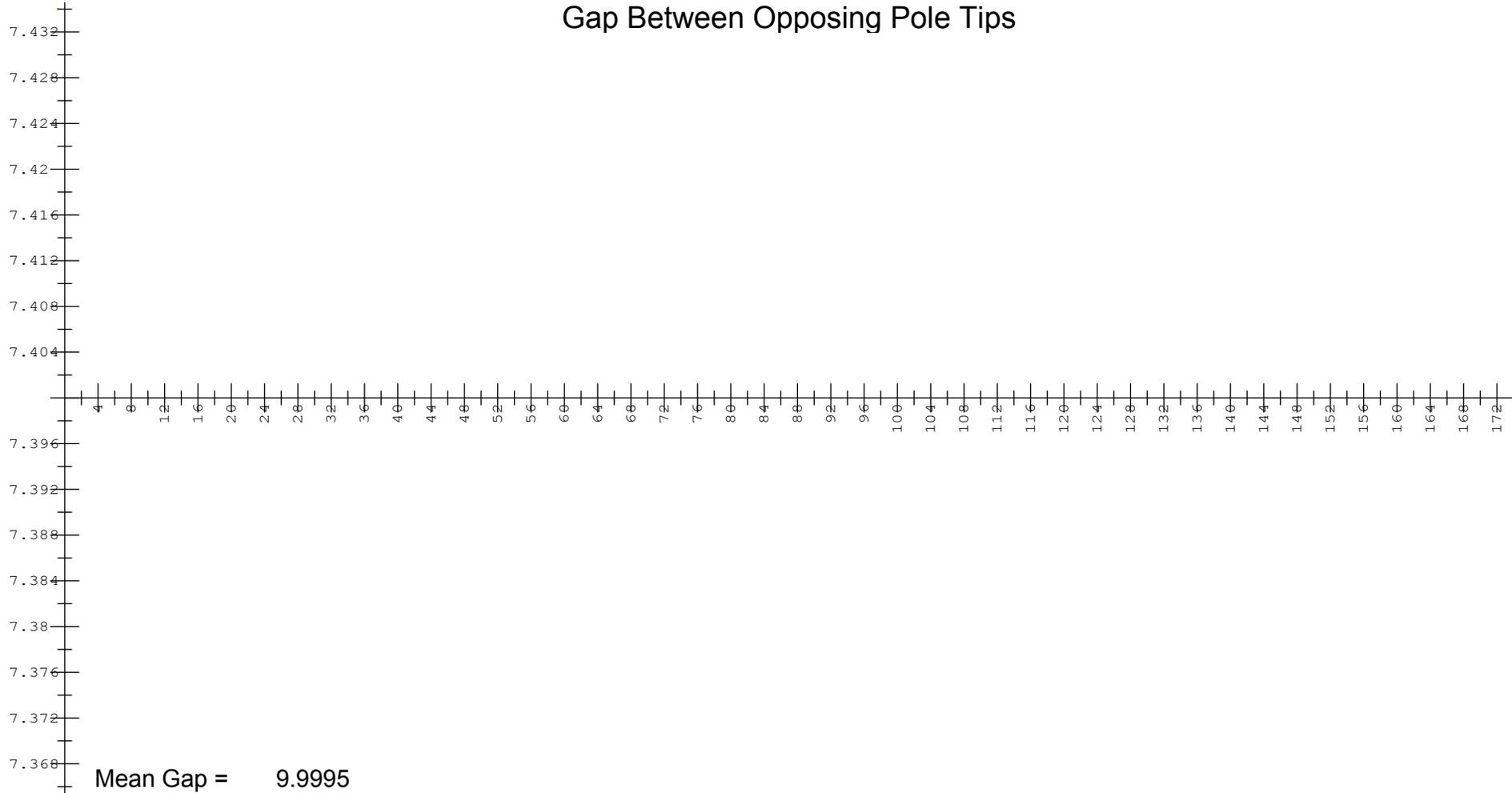
Minimum Effective Gap = 9.968

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 5

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

	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 7.4</p> <p style="margin: 0;">Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000</p>	<p style="margin: 0;">08-MAR-2018</p> <p style="margin: 0;">S/N = 007</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 = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 7.4

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

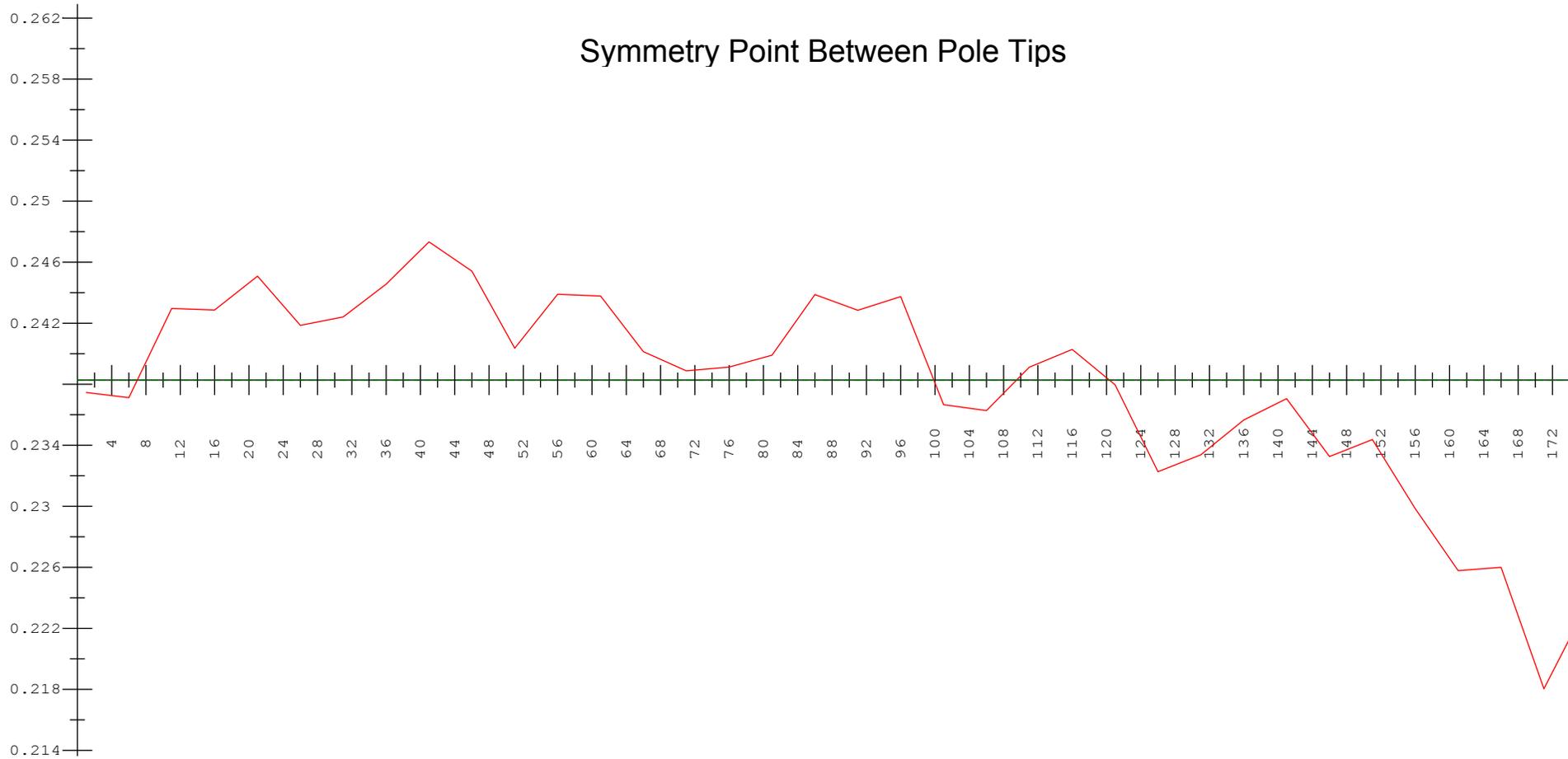
08-MAR-2018

S/N = 007

D/S = 0001

Run = 5

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2383

Step Between Measured Pole Tips = 5

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	5.2479	5.2435	5.2326	5.2282
Bottom	-4.7548	-4.7581	-4.7663	-4.7696
Gap	10.0027			9.9978
Taper				-0.0049

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2380	-4.7615	9.9995	0.2383

Additional Calculated Values

Bottom Pole #1 Z Value	979.176
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	-0.004
Minimum Effective Gap	9.968
Reference Block Gap	6.804

Dimensions in mm



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