

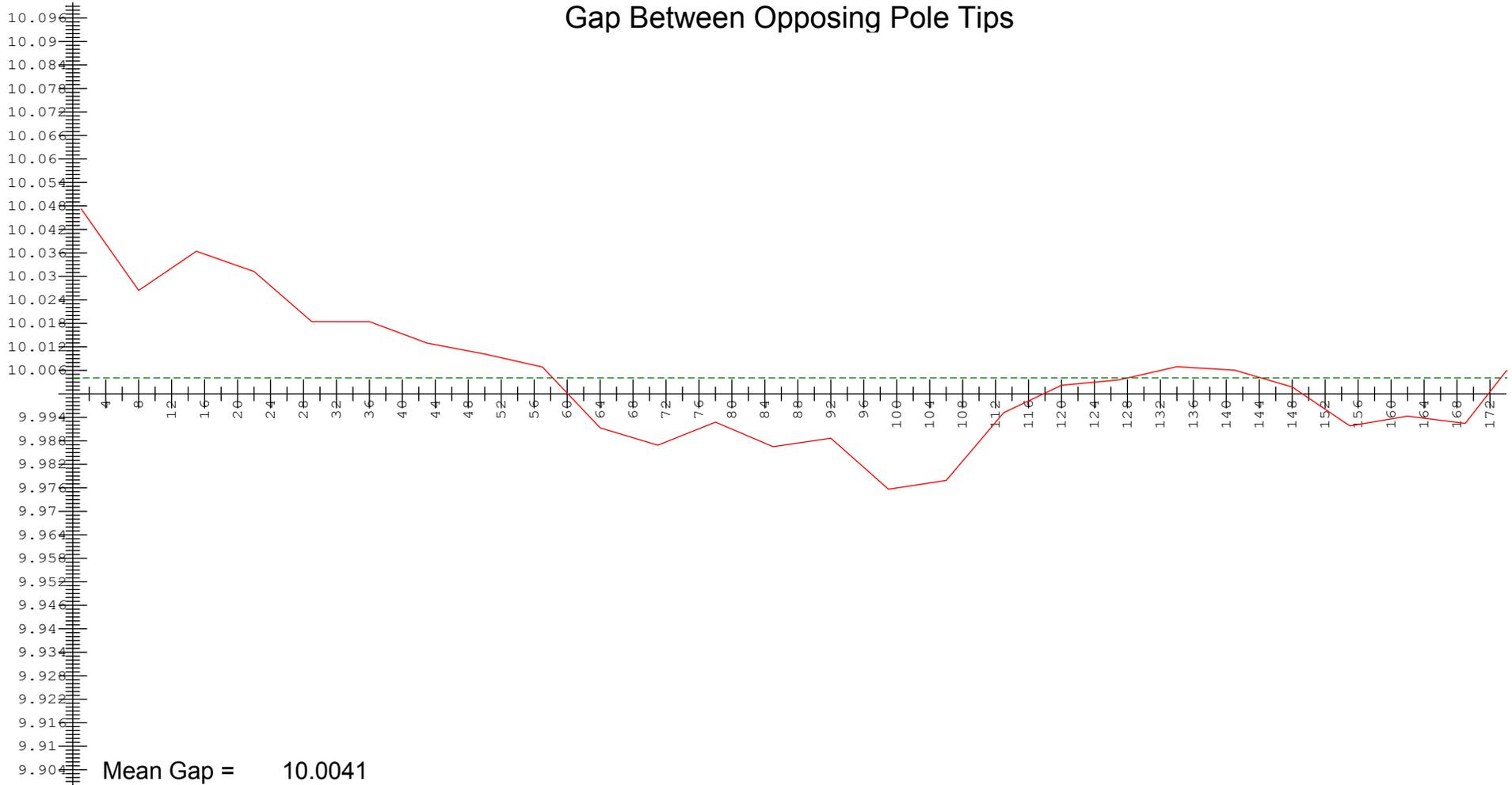
Minimum Effective Gap = 9.973

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 = 10</p> <p style="margin: 0;">Gap Reading = 10.0000 US Encoder = 10.0001 DS Encoder = 10.0000</p>	<p style="margin: 0;">05-FEB-2018</p> <p style="margin: 0;">S/N = 005</p> <p style="margin: 0;">D/S= 0001</p> <p style="margin: 0;">Run= 04</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 = 10

Gap Reading = 10.0000 US Encoder = 10.0001 DS Encoder = 10.0000

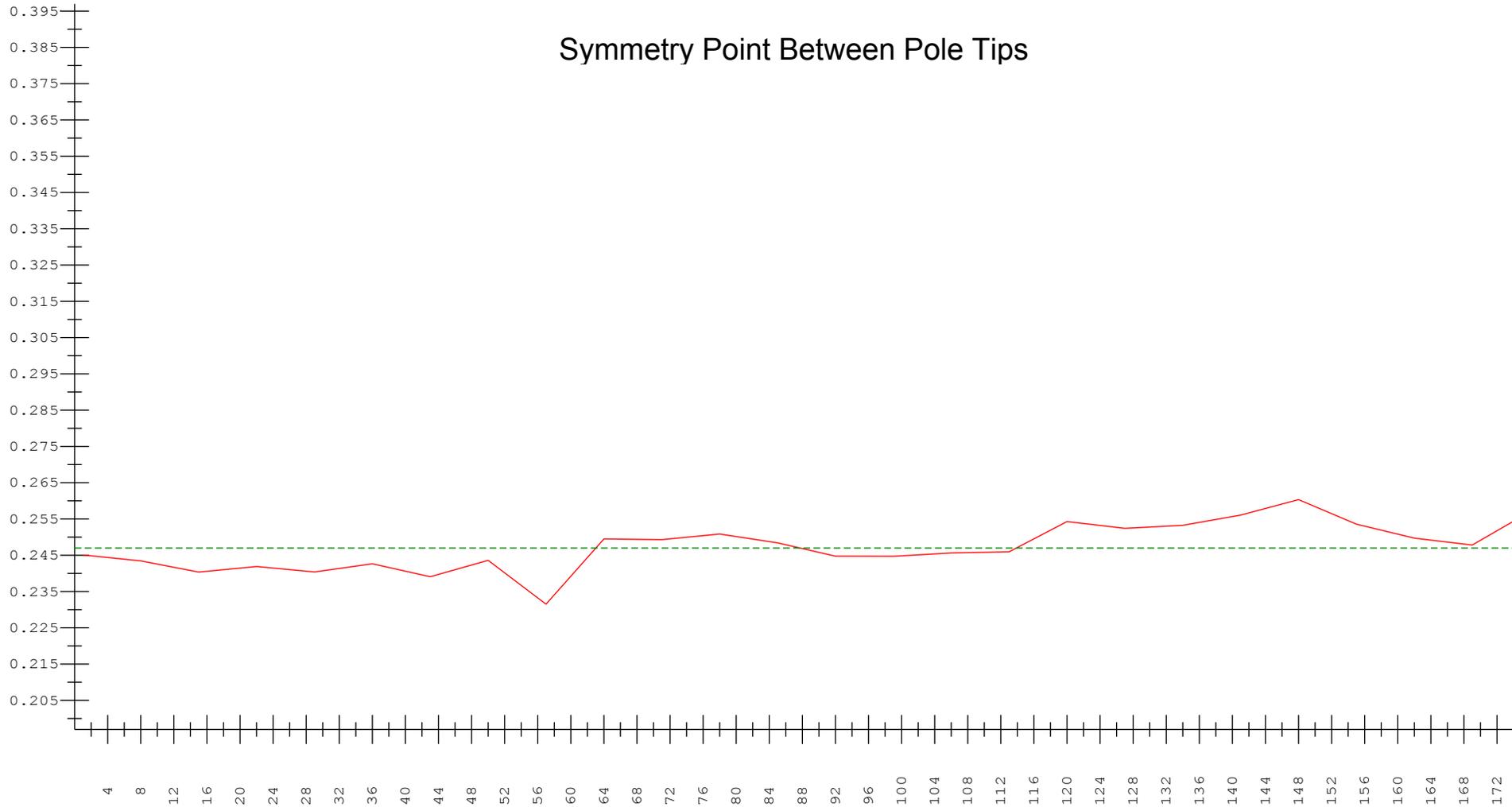
05-FEB-2018

S/N = 005

D/S = 0001

Run = 04

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2470

Step Between Measured Pole Tips = 7

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

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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	5.2510	5.2503	5.2485	5.2478
Bottom	-4.7711	-4.7640	-4.7461	-4.7389

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2490	-4.7551	10.0041	0.2470

Additional Calculated Values

Bottom Pole #1 Z Value	979.331
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.010
Minimum Effective Gap	9.973
Reference Block Gap	6.808

Dimensions in mm



LCLS II - SXR Undulator

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