

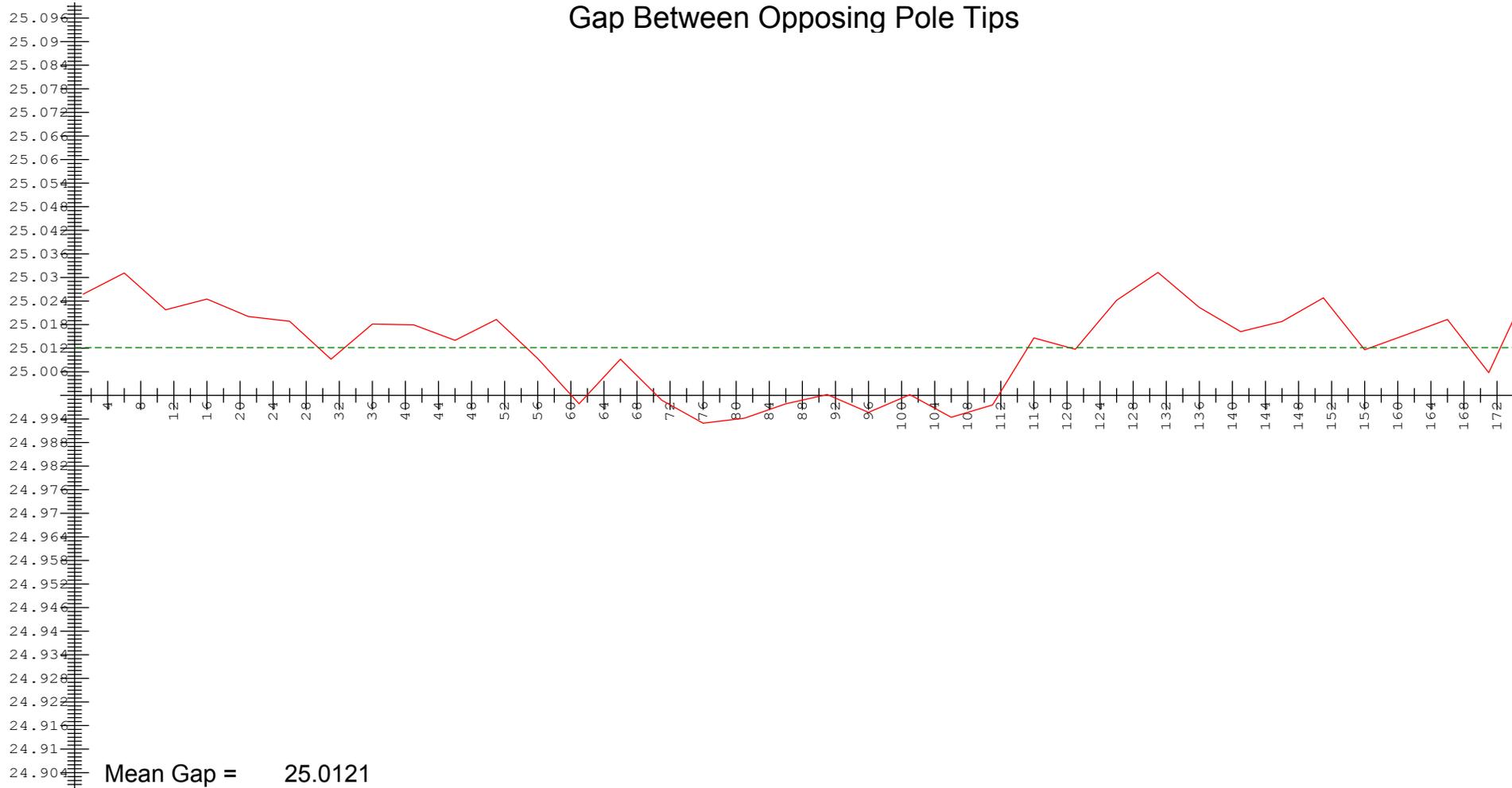
Minimum Effective Gap = 24.979

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

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

 NATIONAL ACCELERATOR LABORATORY METROLOGY	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 25</p> <p style="margin: 0;">Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000</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 = 06</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 = 25

Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000

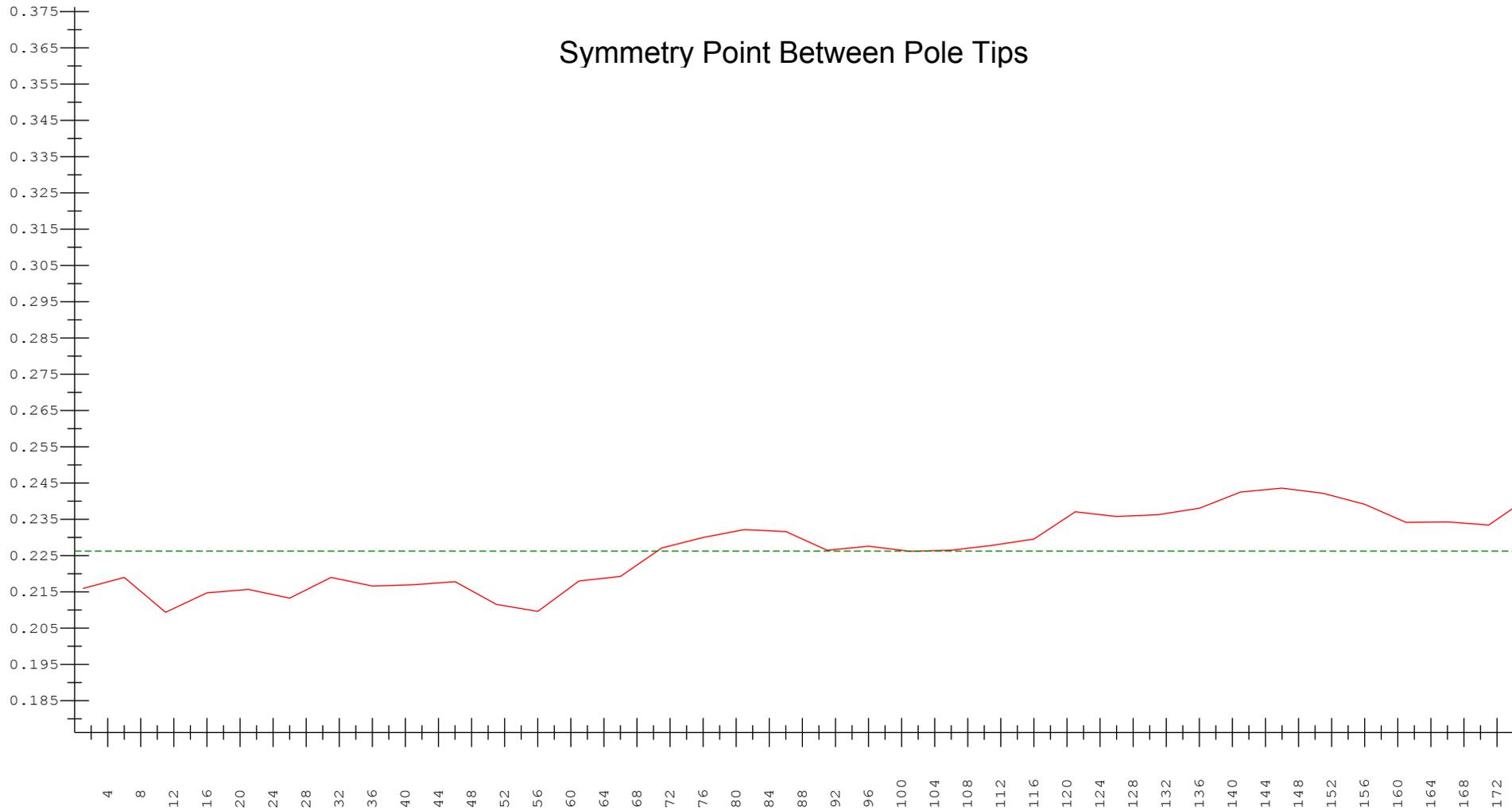
05-FEB-2018

S/N = 005

D/S = 0001

Run = 06

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2262

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

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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	12.7186	12.7247	12.7403	12.7466
Bottom	-12.2954	-12.2886	-12.2712	-12.2641

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.7323	-12.2798	25.0121	0.2262

Additional Calculated Values

Bottom Pole #1 Z Value	979.331
Top Jaw Pitch (mrad)	0.008
Bottom Jaw Pitch(mrad)	0.009
Minimum Effective Gap	24.979
Reference Block Gap	6.808

Dimensions in mm



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