

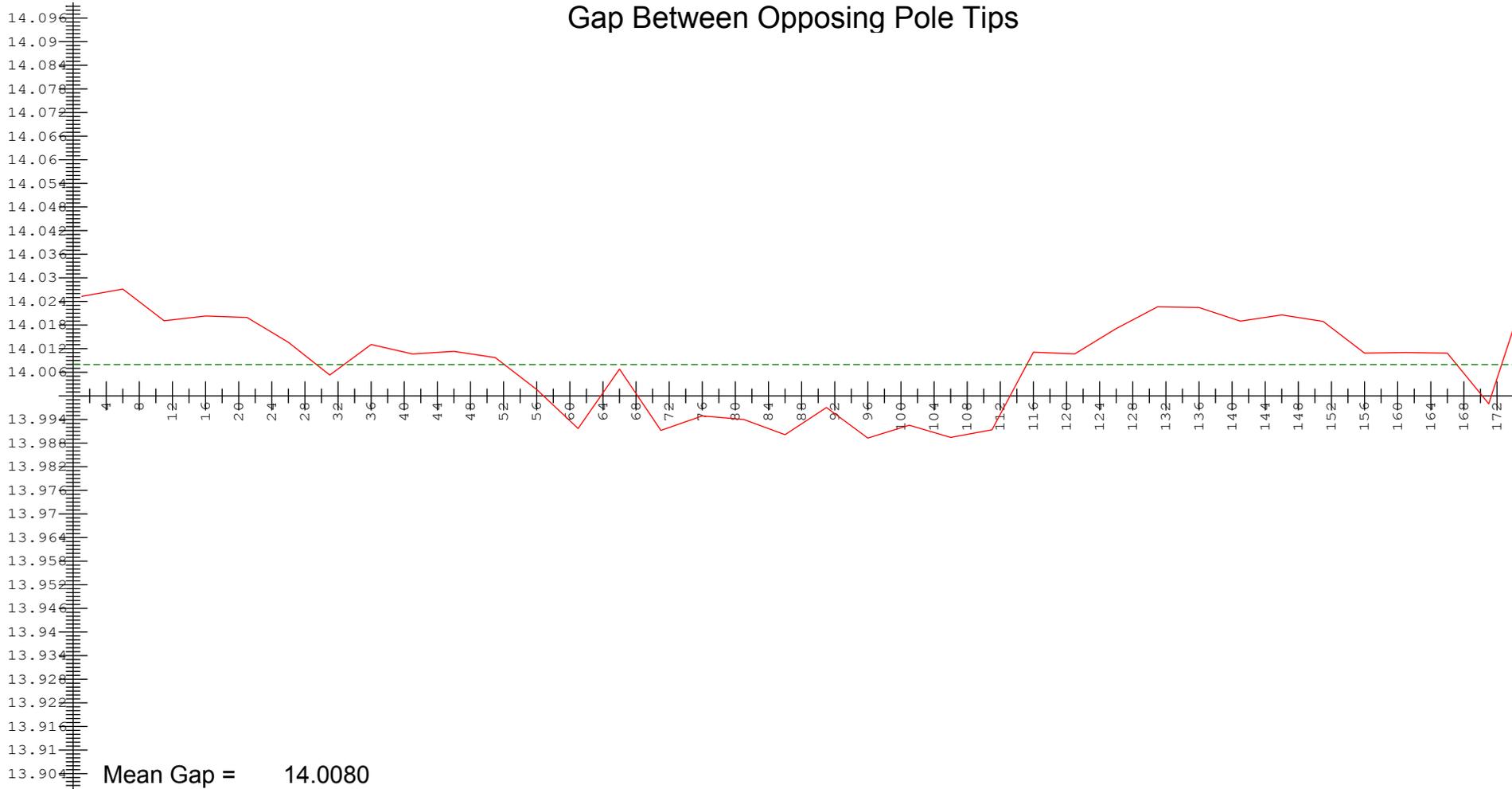
Minimum Effective Gap = 13.975

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 = 14</p> <p style="margin: 0;">Gap Reading = 14.0000 US Encoder = 14.0001 DS Encoder = 14.0000</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 = 14

Gap Reading = 14.0000 US Encoder = 14.0001 DS Encoder = 14.0000

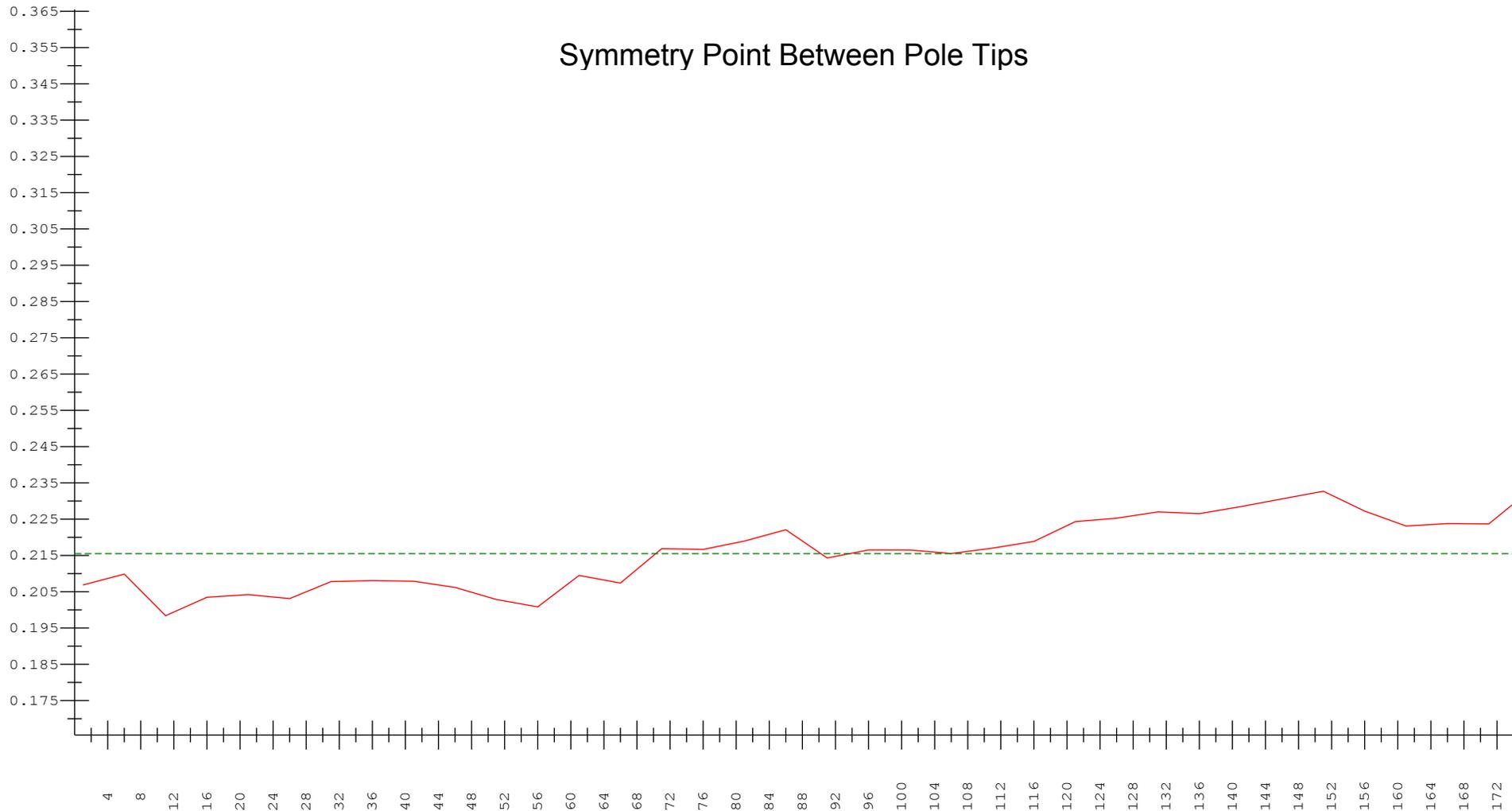
05-FEB-2018

S/N = 005

D/S = 0001

Run = 06

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2155

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 14

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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	7.2063	7.2123	7.2273	7.2334
Bottom	-6.8035	-6.7969	-6.7801	-6.7733

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.2195	-6.7885	14.0080	0.2155

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	13.975
Reference Block Gap	6.808

Dimensions in mm



LCLS II - SXR Undulator

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