

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 9

Nominal Taper = 0.000

Gap Reading = 9.0000

US Encoder = 9.0000

DS Encoder = 9.0000

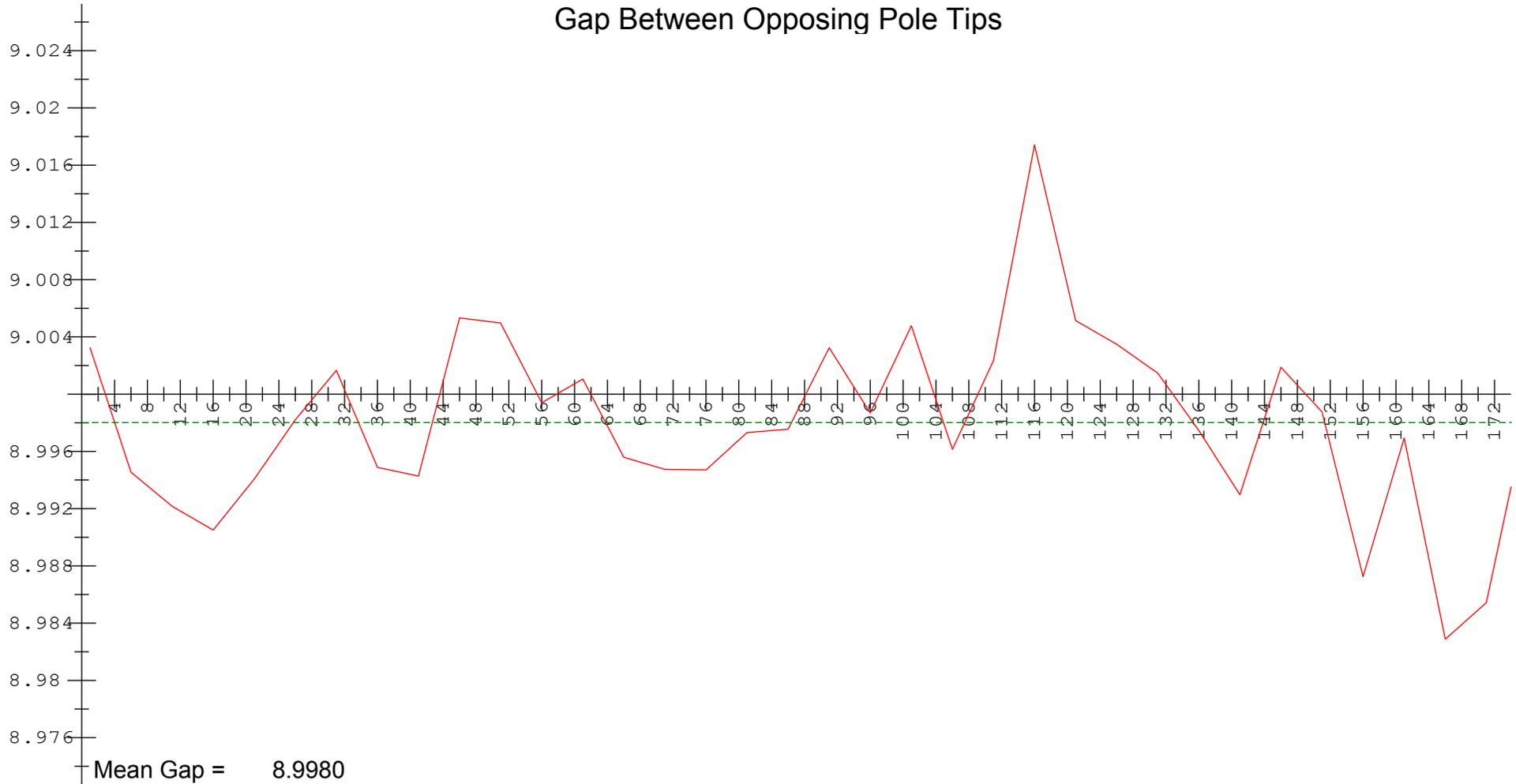
13-NOV-2018

S/N = 017

D/S = 0001

Run = 5

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

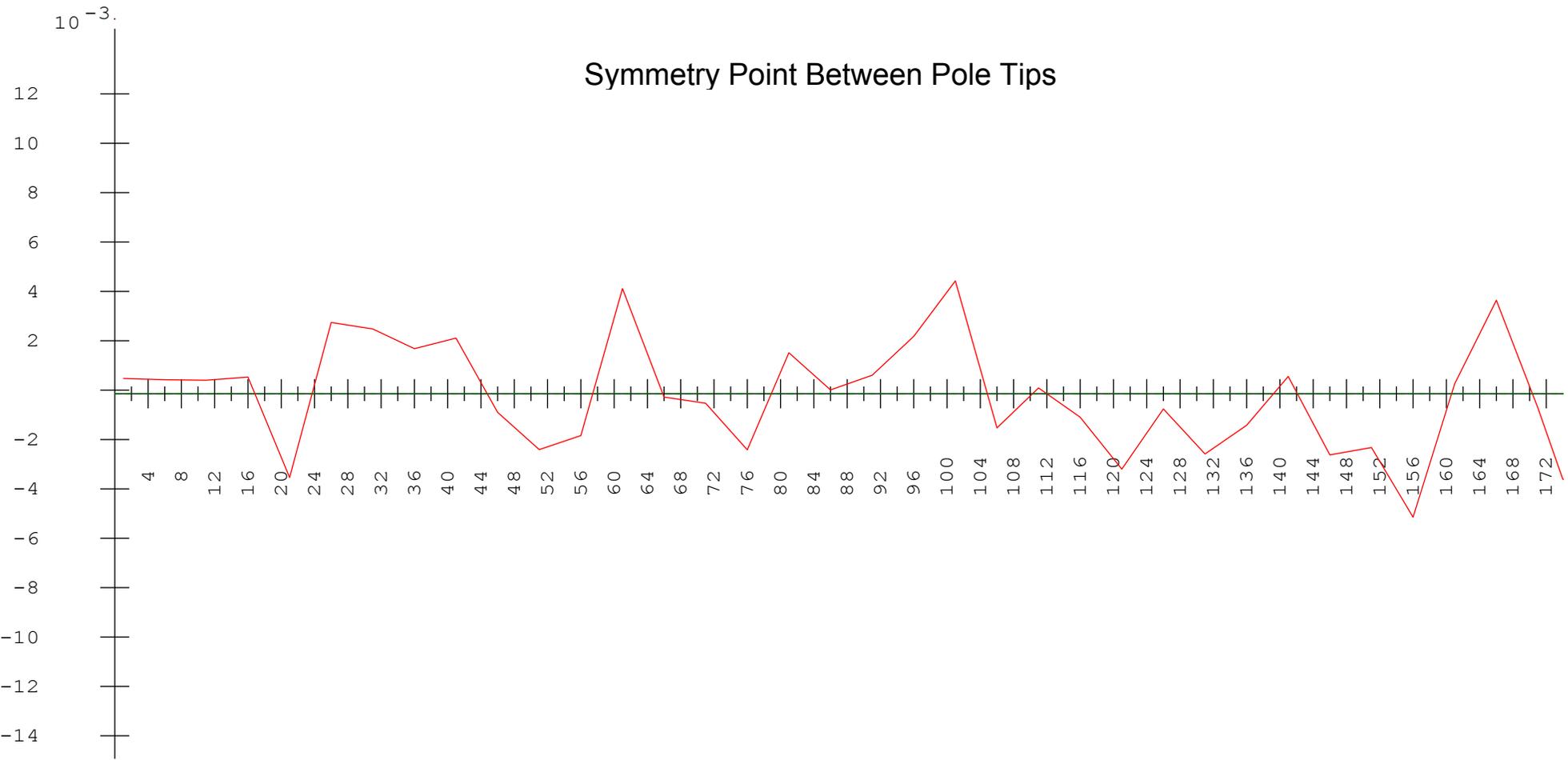
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 9 Nominal Taper = 0.000
 Gap Reading = 9.0000 US Encoder = 9.0000 DS Encoder = 9.0000

13-NOV-2018
 S/N = 017
 D/S = 0001
 Run = 5



Mean Symmetry Value = -0.0001

Step Between Measured Pole Tips = 5

Dimensions in mm

	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 9 Nominal Taper = 0.000</p> <p style="margin: 0;">Gap Reading = 9.0000 US Encoder = 9.0000 DS Encoder = 9.0000</p>	<p style="margin: 0;">13-NOV-2018</p> <p style="margin: 0;">S/N = 017</p> <p style="margin: 0;">D/S = 0001</p> <p style="margin: 0;">Run = 5</p>
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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	4.5005	4.4997	4.4977	4.4969
Bottom	-4.4987	-4.4989	-4.4994	-4.4997
Gap	8.9992			8.9966
Taper				-0.0026

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.4989	-4.4992	8.9980	-0.0001

Additional Calculated Values

Bottom Pole #1 Z Value	980.178
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.000
Minimum Effective Gap	8.976
Reference Block Gap	6.806

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