

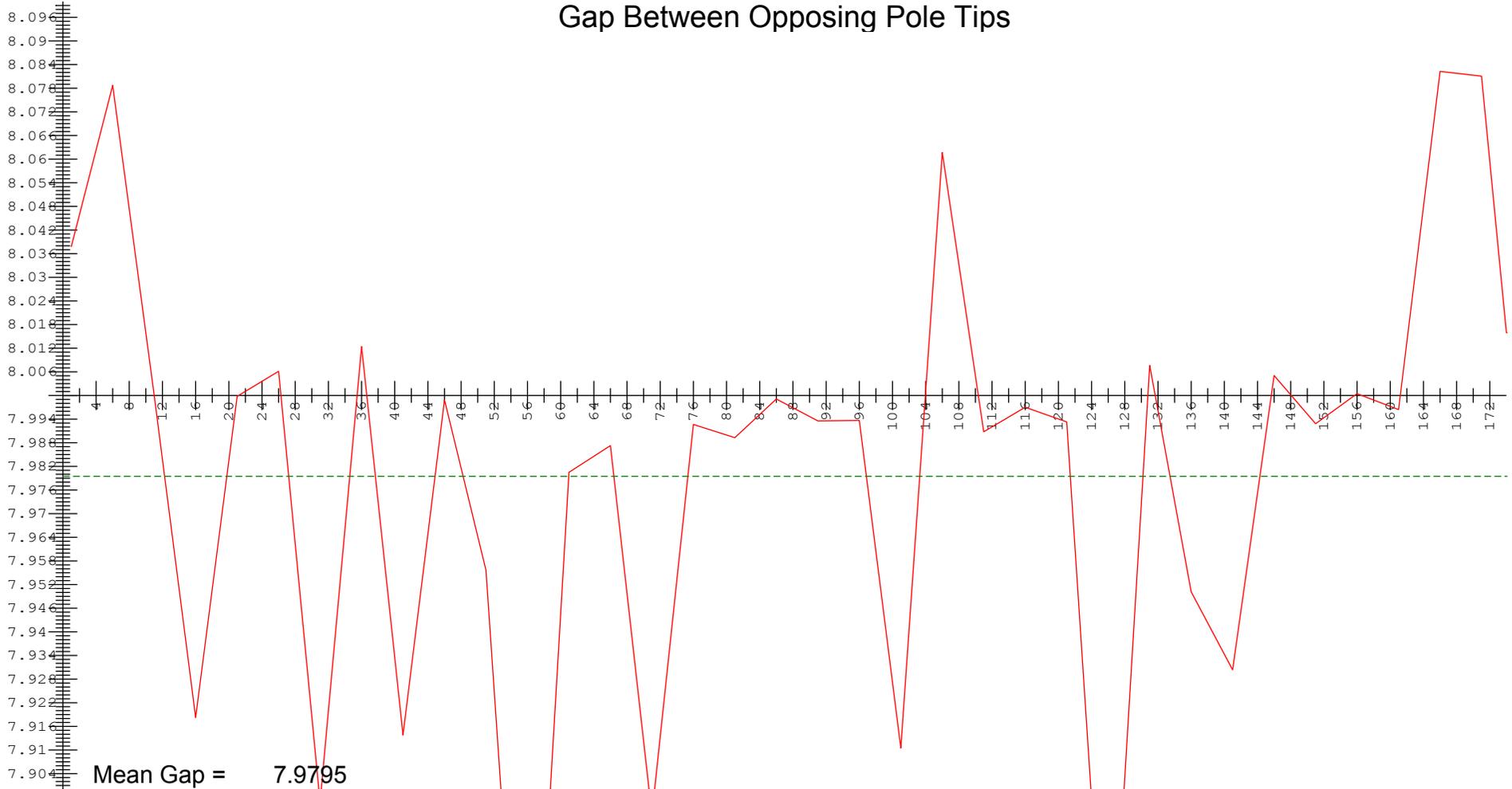
Minimum Effective Gap = 7.788

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 = 8</p> <p style="margin: 0;">Gap Reading = 8.0000 US Encoder = 8.0000 DS Encoder = 8.0000</p>	<p style="margin: 0;">25-JAN-2018</p> <p style="margin: 0;">S/N = 006</p> <p style="margin: 0;">D/S= 0001</p> <p style="margin: 0;">Run= 09</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 = 8

Gap Reading = 8.0000

US Encoder = 8.0000

DS Encoder = 8.0000

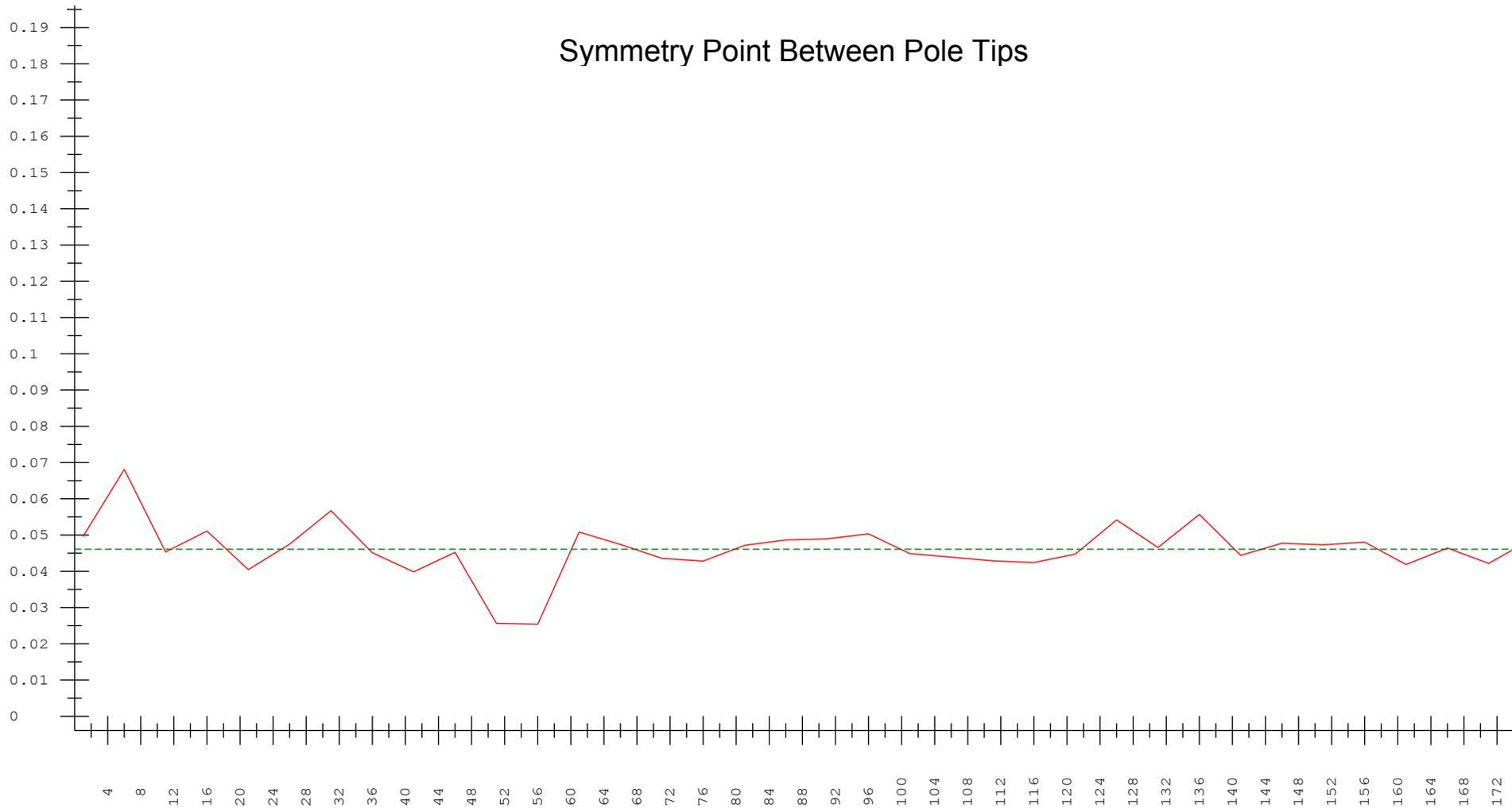
25-JAN-2018

S/N = 006

D/S = 0001

Run = 09

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0461

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 8

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US Encoder = 8.0000

DS Encoder = 8.0000

25-JAN-2018

S/N = 006

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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	4.0291	4.0323	4.0402	4.0434
Bottom	-3.9354	-3.9392	-3.9488	-3.9527

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.0358	-3.9437	7.9795	0.0461

Additional Calculated Values

Bottom Pole #1 Z Value	979.301
Top Jaw Pitch (mrad)	0.004
Bottom Jaw Pitch(mrad)	-0.005
Minimum Effective Gap	7.788
Reference Block Gap	6.810

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 8

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25-JAN-2018

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