

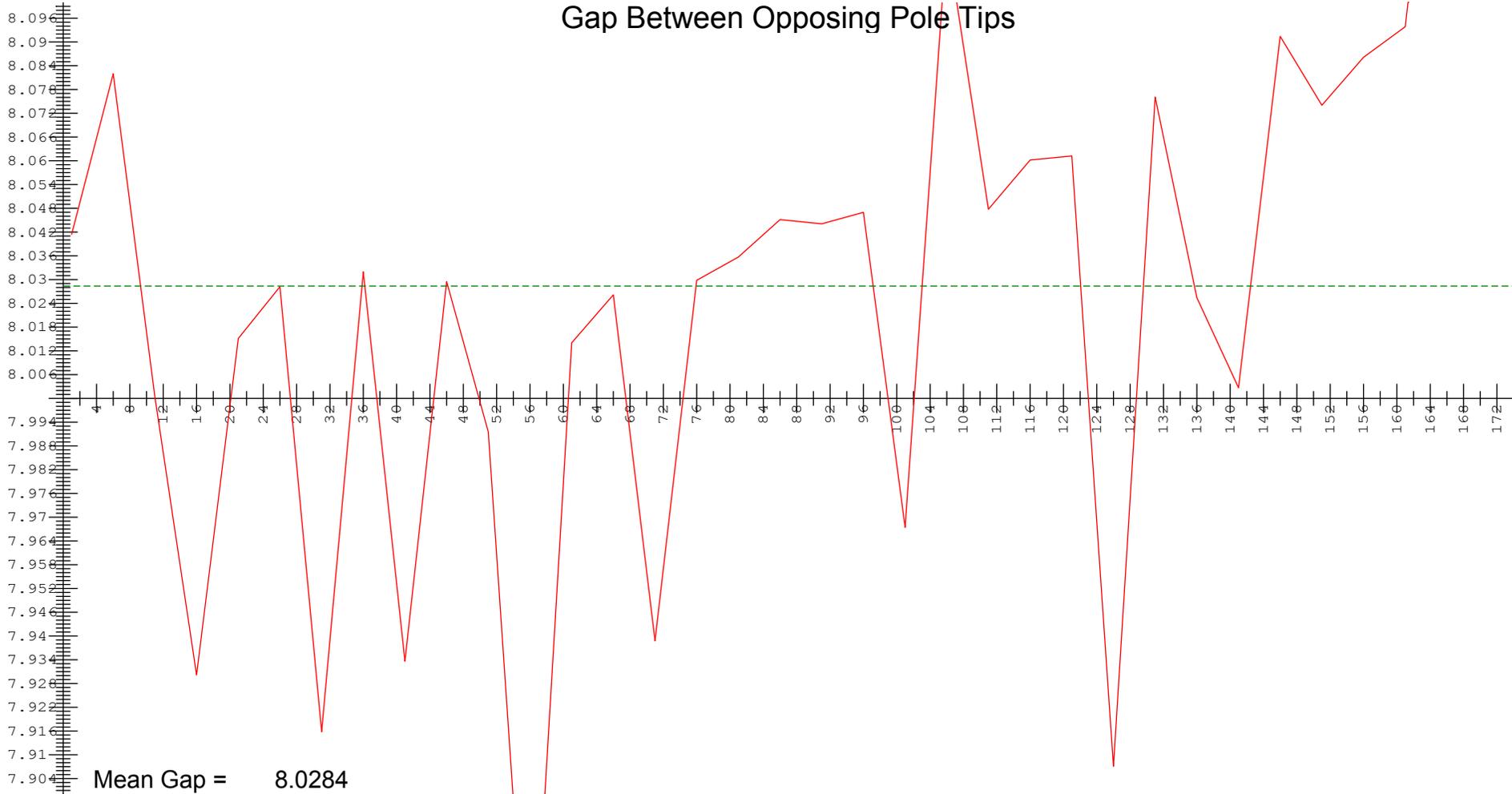
Minimum Effective Gap = 7.837

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;">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= 10</p>
Gap Reading = 8.0497	US Encoder = 7.9996	DS Encoder = 8.0998

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 8

Gap Reading = 8.0497

US Encoder = 7.9996

DS Encoder = 8.0998

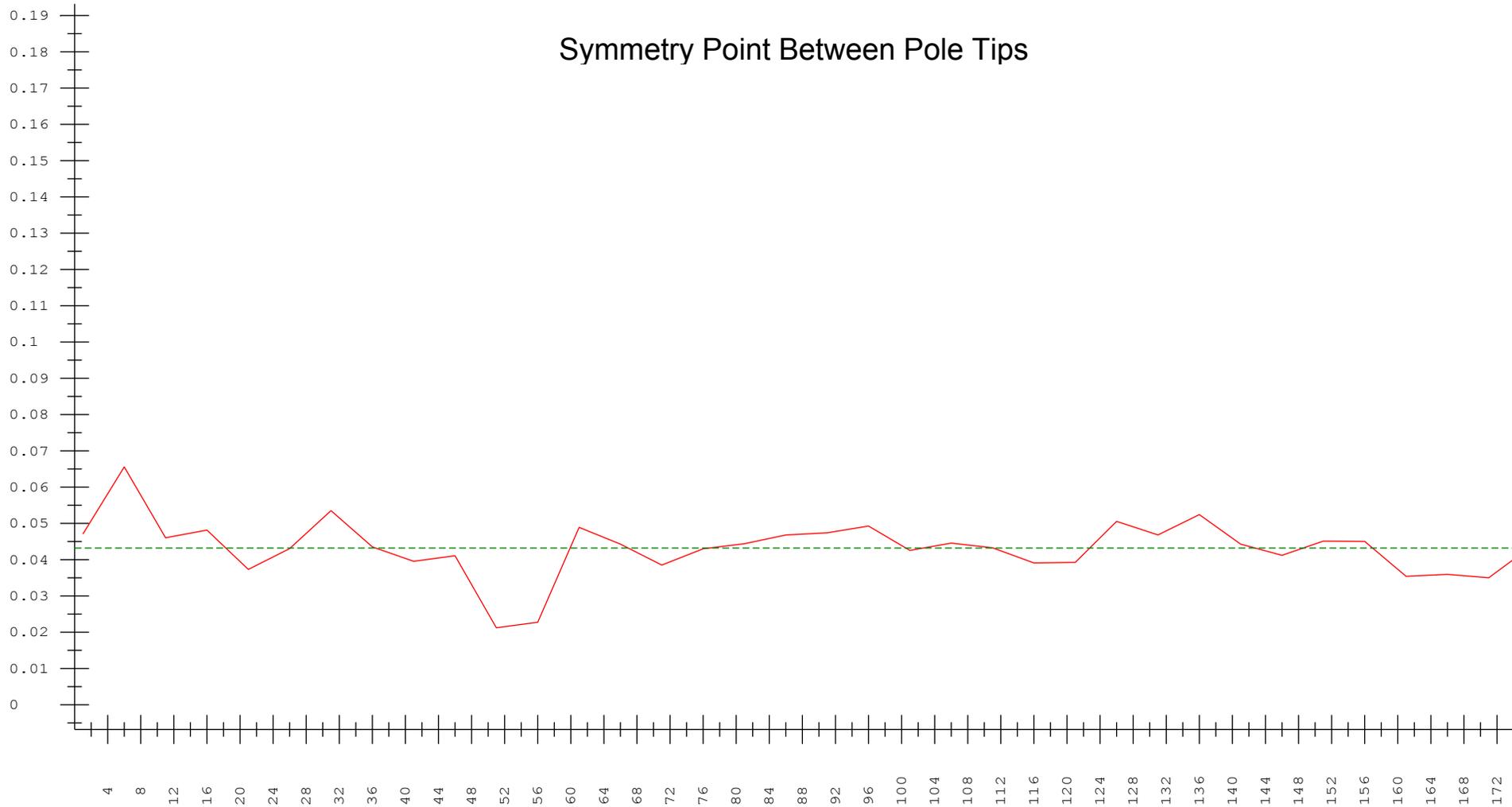
25-JAN-2018

S/N = 006

D/S = 0001

Run = 10

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0432

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 8

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DS Encoder = 8.0998

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	4.0285	4.0415	4.0745	4.0879
Bottom	-3.9377	-3.9527	-3.9907	-4.0061

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.0574	-3.9710	8.0284	0.0432

Additional Calculated Values

Bottom Pole #1 Z Value	979.299
Top Jaw Pitch (mrad)	0.018
Bottom Jaw Pitch(mrad)	-0.020
Minimum Effective Gap	7.837
Reference Block Gap	6.809

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 8

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