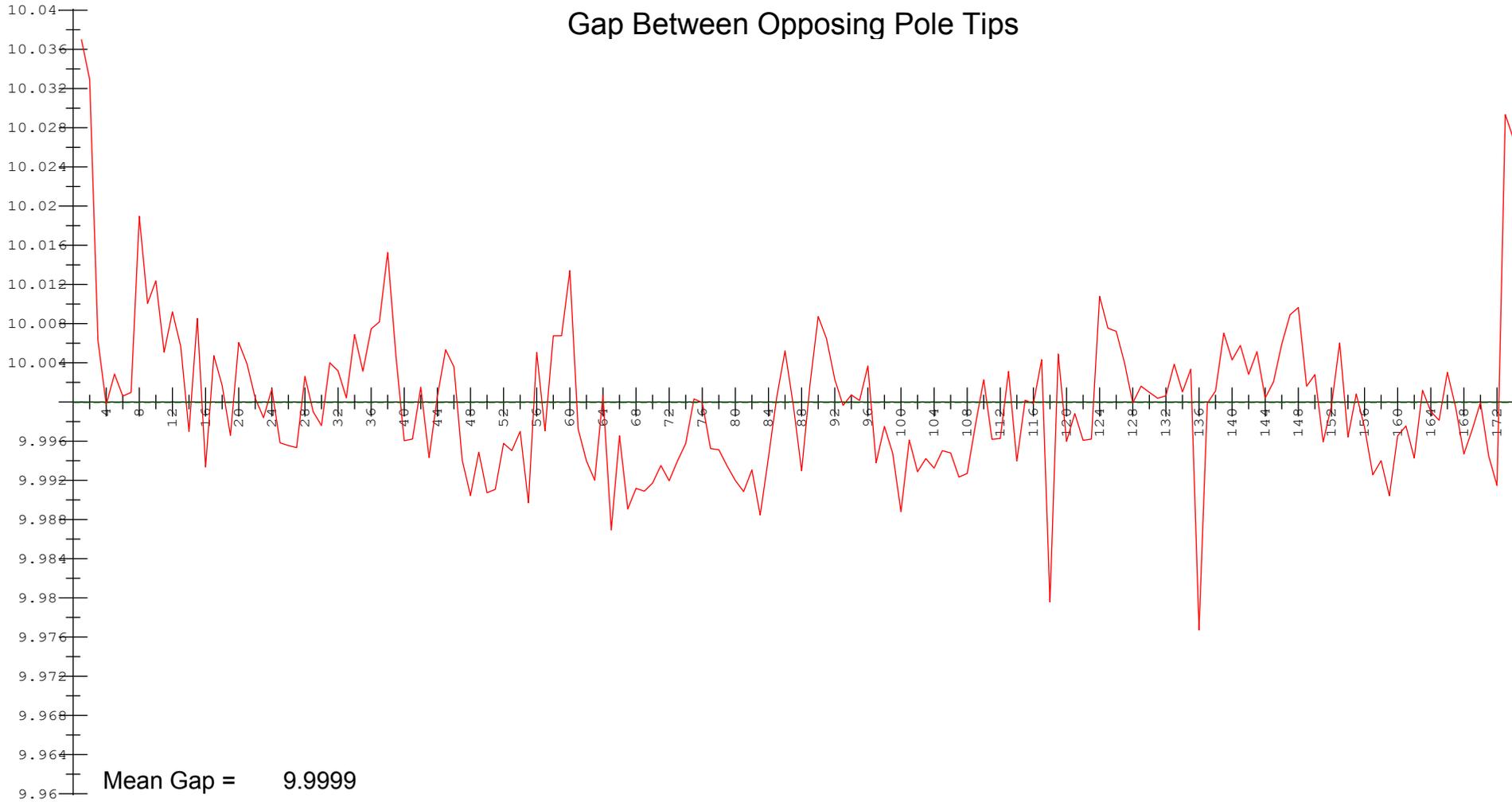


Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 1

Regression Line Through Points =
 Dimensions in mm

	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 10</p> <p style="margin: 0;">Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000</p>	<p style="margin: 0;">12-MAR-2018</p> <p style="margin: 0;">S/N = 007</p> <p style="margin: 0;">D/S = 0001</p> <p style="margin: 0;">Run = 22</p>
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Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

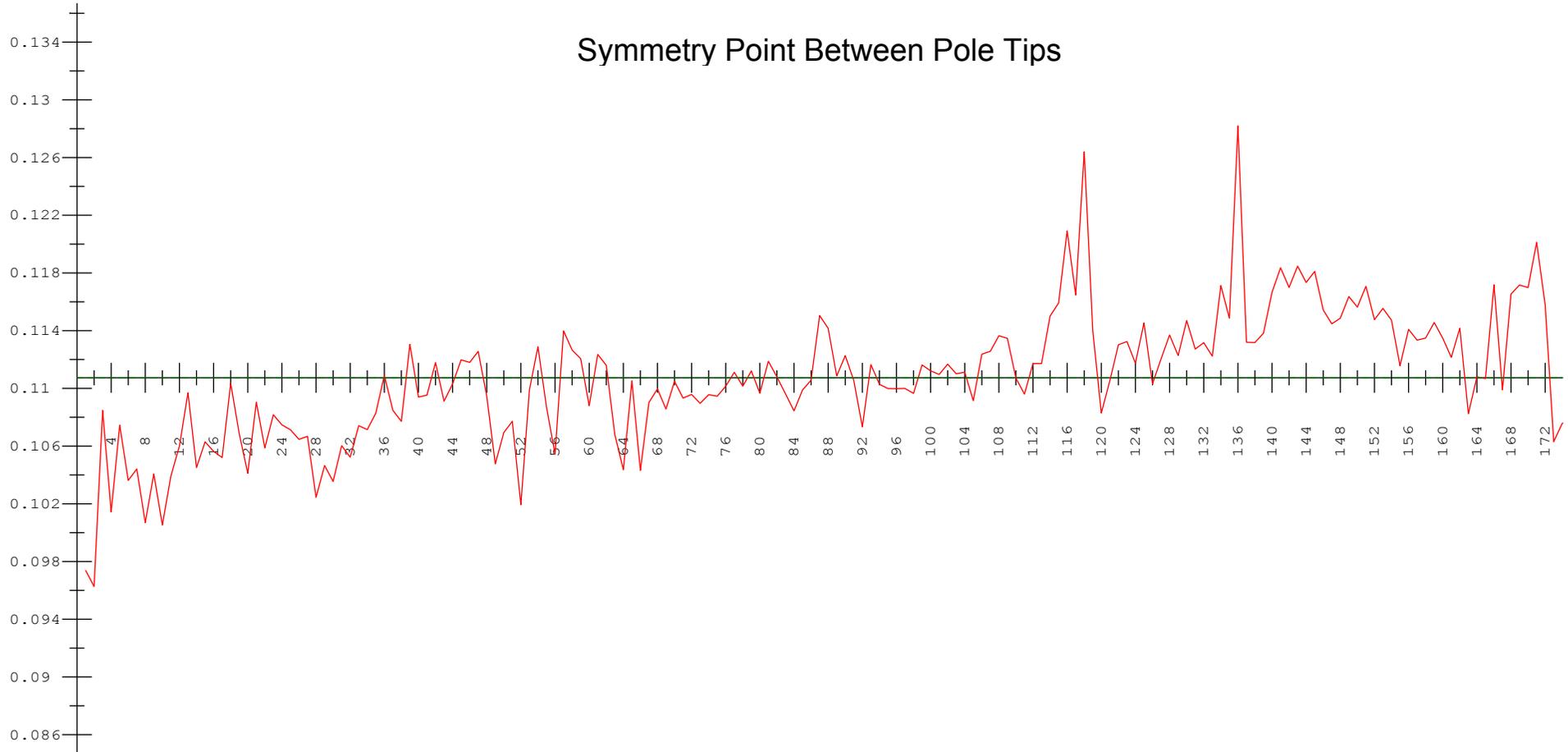
12-MAR-2018

S/N = 007

D/S = 0001

Run = 22

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1107

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

12-MAR-2018

S/N = 007

D/S = 0001

Run = 22

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	5.1060	5.1080	5.1133	5.1155
Bottom	-4.8957	-4.8928	-4.8857	-4.8828
Gap	10.0016			9.9983
Taper				-0.0034

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1107	-4.8892	9.9999	0.1107

Additional Calculated Values

Bottom Pole #1 Z Value	979.180
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.004
Minimum Effective Gap	9.960
Reference Block Gap	6.811

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

12-MAR-2018
S/N = 007
D/S= 0001
Run= 22