

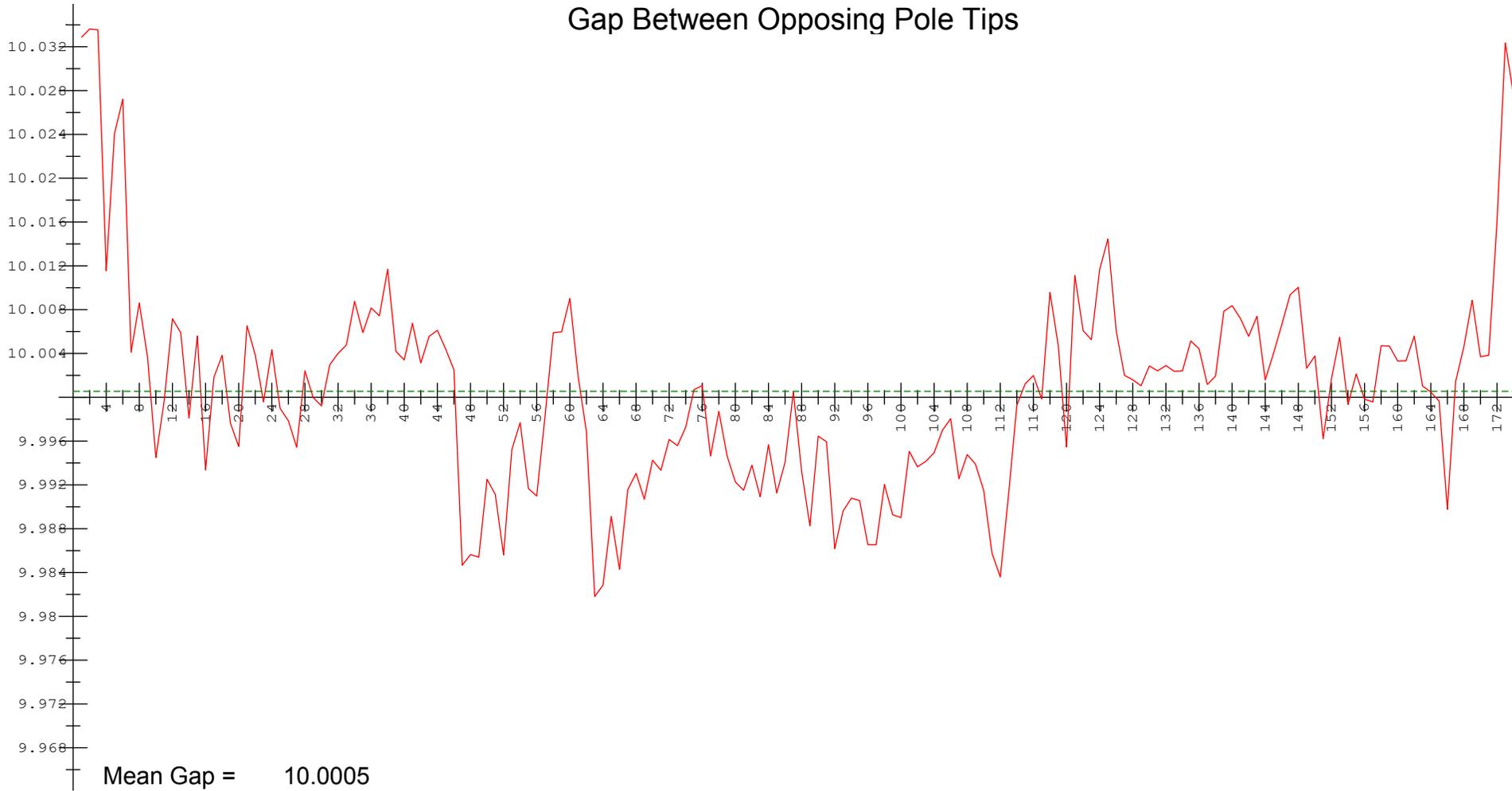
Minimum Effective Gap = 9.972

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;">08-MAR-2018</p> <p style="margin: 0;">S/N = 007</p> <p style="margin: 0;">D/S = 0001</p> <p style="margin: 0;">Run = 17</p>
---	--	---

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

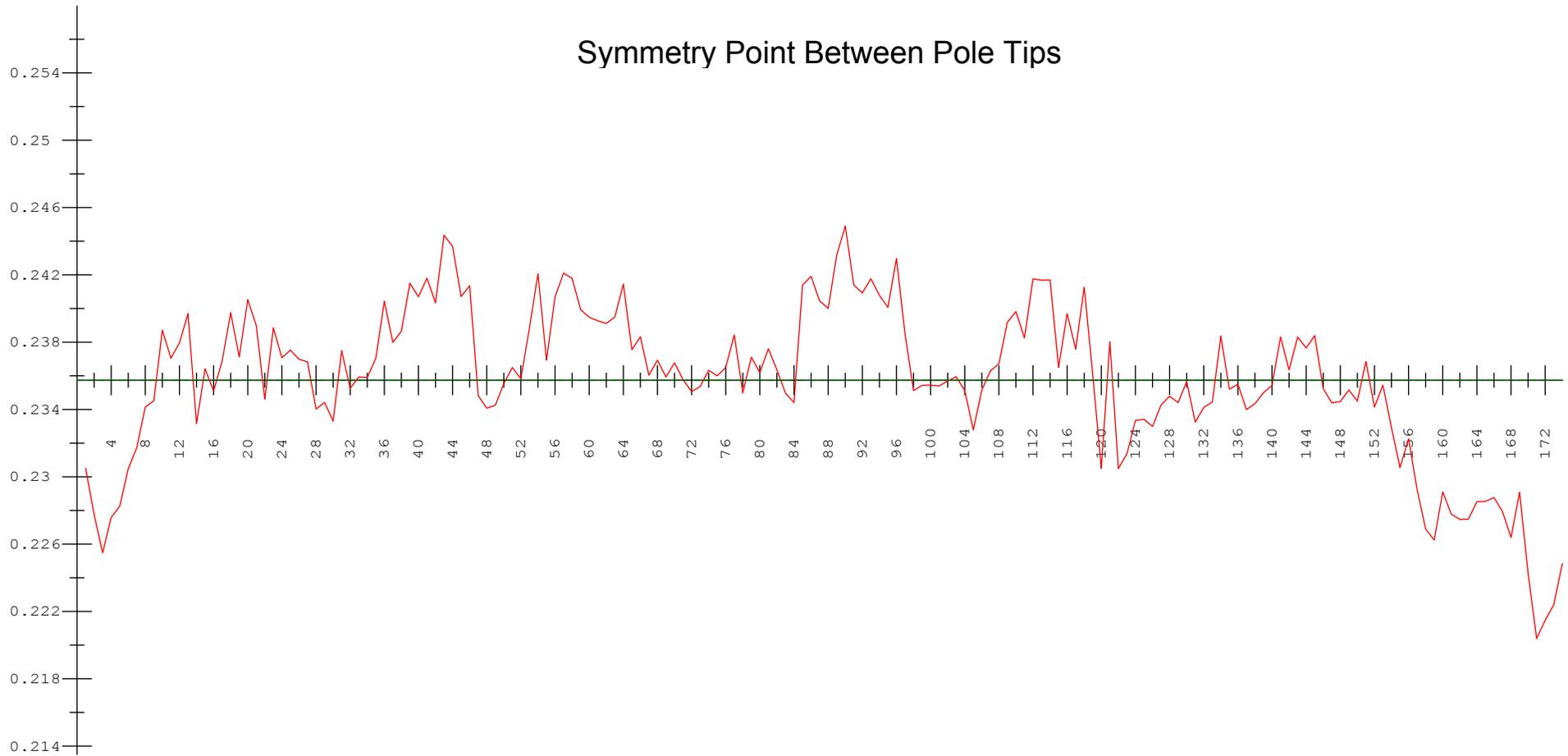
08-MAR-2018

S/N = 007

D/S = 0001

Run = 17

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2357

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

08-MAR-2018

S/N = 007

D/S = 0001

Run = 17

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	5.2391	5.2377	5.2343	5.2329
Bottom	-4.7615	-4.7628	-4.7662	-4.7676
Gap	10.0005			10.0006
Taper				0.0000

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2360	-4.7645	10.0005	0.2357

Additional Calculated Values

Bottom Pole #1 Z Value	979.176
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	-0.002
Minimum Effective Gap	9.972
Reference Block Gap	6.804

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

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

08-MAR-2018

S/N = 007

D/S= 0001

Run= 17