

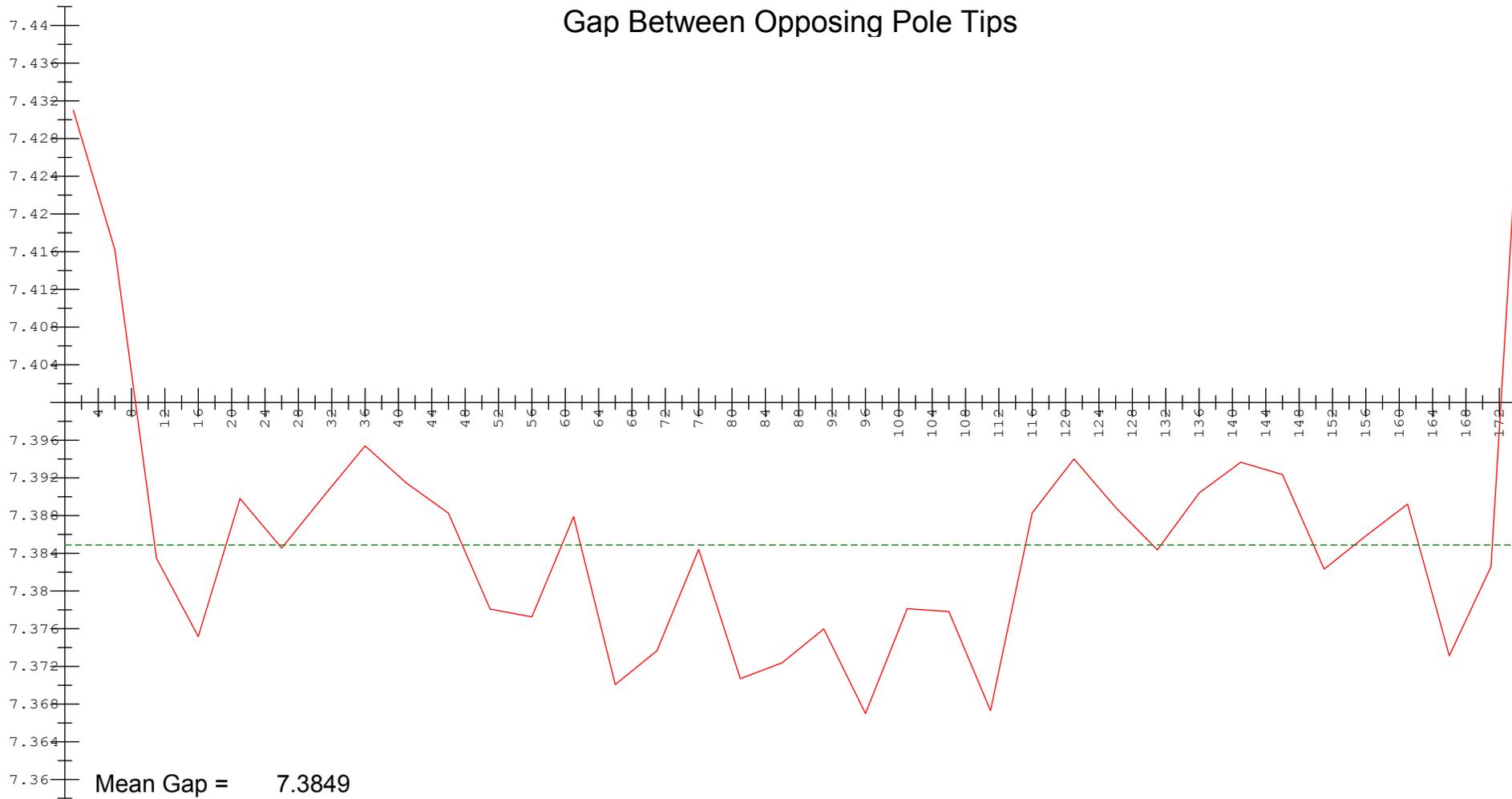
Minimum Effective Gap = 7.357

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 = 7.4</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 = 6</p>
---	---	--

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 7.4

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

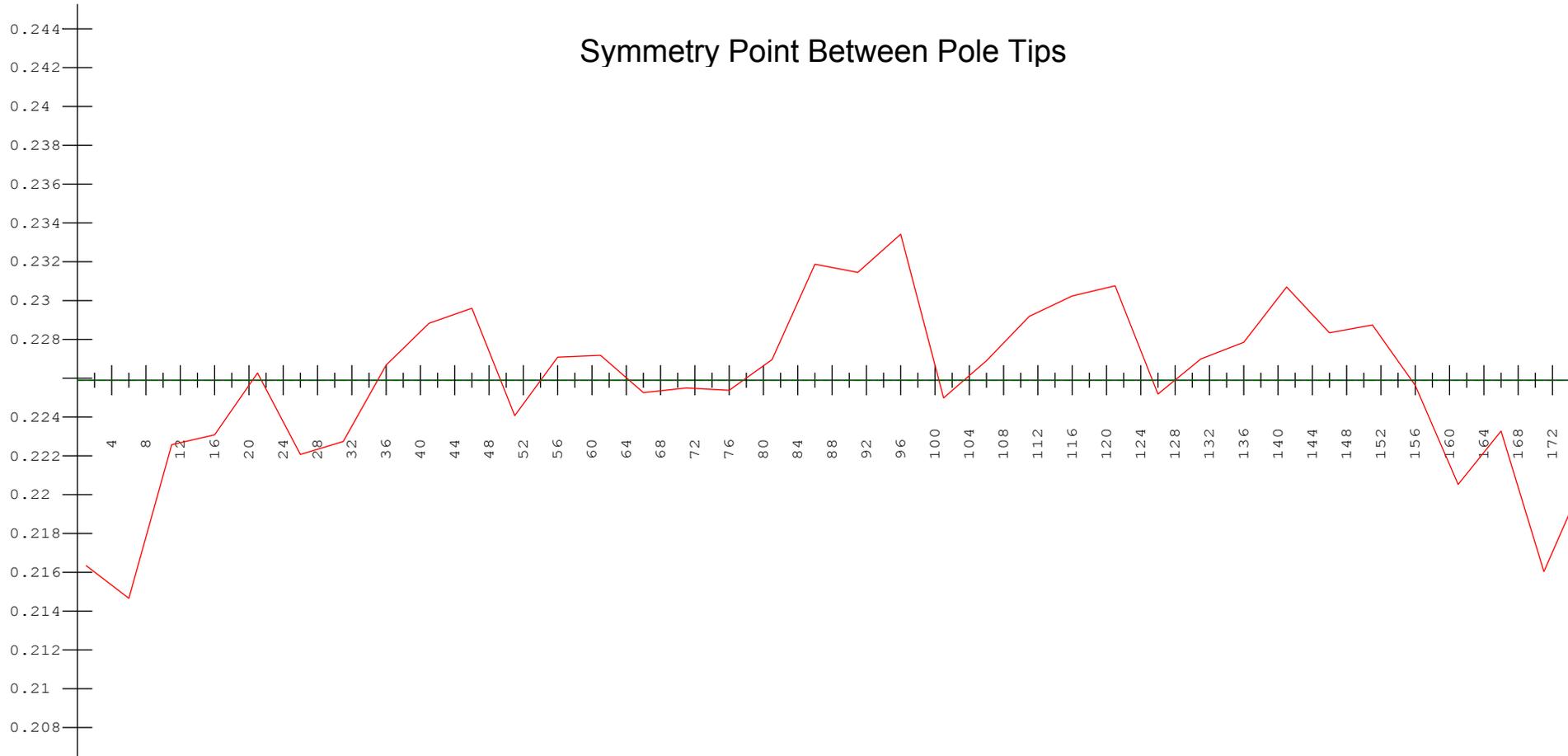
08-MAR-2018

S/N = 007

D/S = 0001

Run = 6

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2259

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 7.4

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

08-MAR-2018

S/N = 007

D/S = 0001

Run = 6

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	3.9187	3.9187	3.9187	3.9187
Bottom	-3.4698	-3.4687	-3.4660	-3.4649
Gap	7.3885			7.3836
Taper				-0.0050

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.9183	-3.4665	7.3849	0.2259

Additional Calculated Values

Bottom Pole #1 Z Value	979.176
Top Jaw Pitch (mrad)	0.000
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	7.357
Reference Block Gap	6.804

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 7.4

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

08-MAR-2018

S/N = 007

D/S= 0001

Run= 6