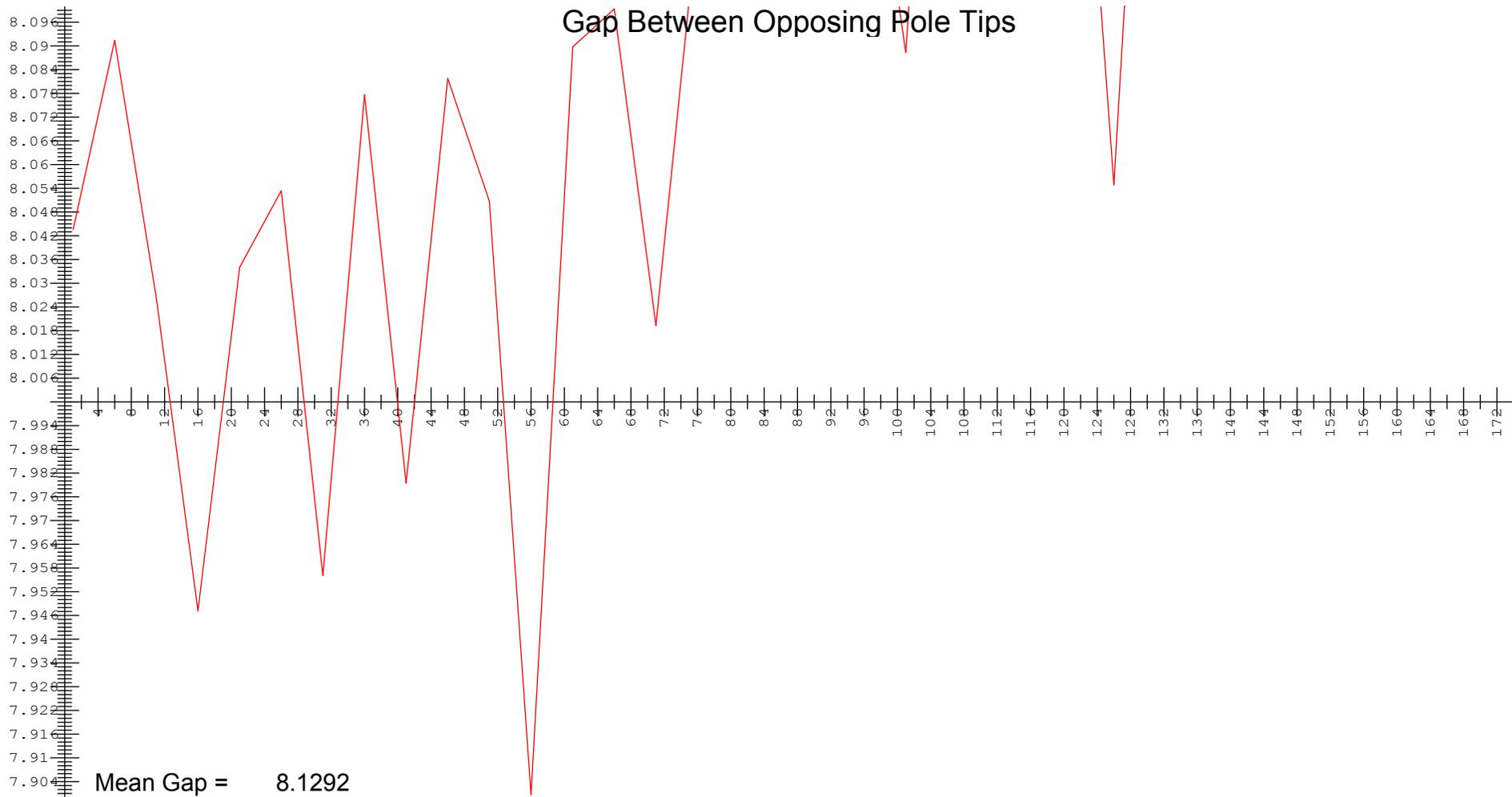


Minimum Effective Gap = 7.893

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 5

Regression Line Through Points = Dimensions in mm

	<h2>LCLS II - SXR Undulator</h2> <p>Nominal Gap = 8</p>			<p>25-JAN-2018 S/N = 006 D/S = 0001 Run = 11</p>
	Gap Reading = 8.1503	US Encoder = 7.9999	DS Encoder = 8.3007	



Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 8

Gap Reading = 8.1503

US Encoder = 7.9999

DS Encoder = 8.3007

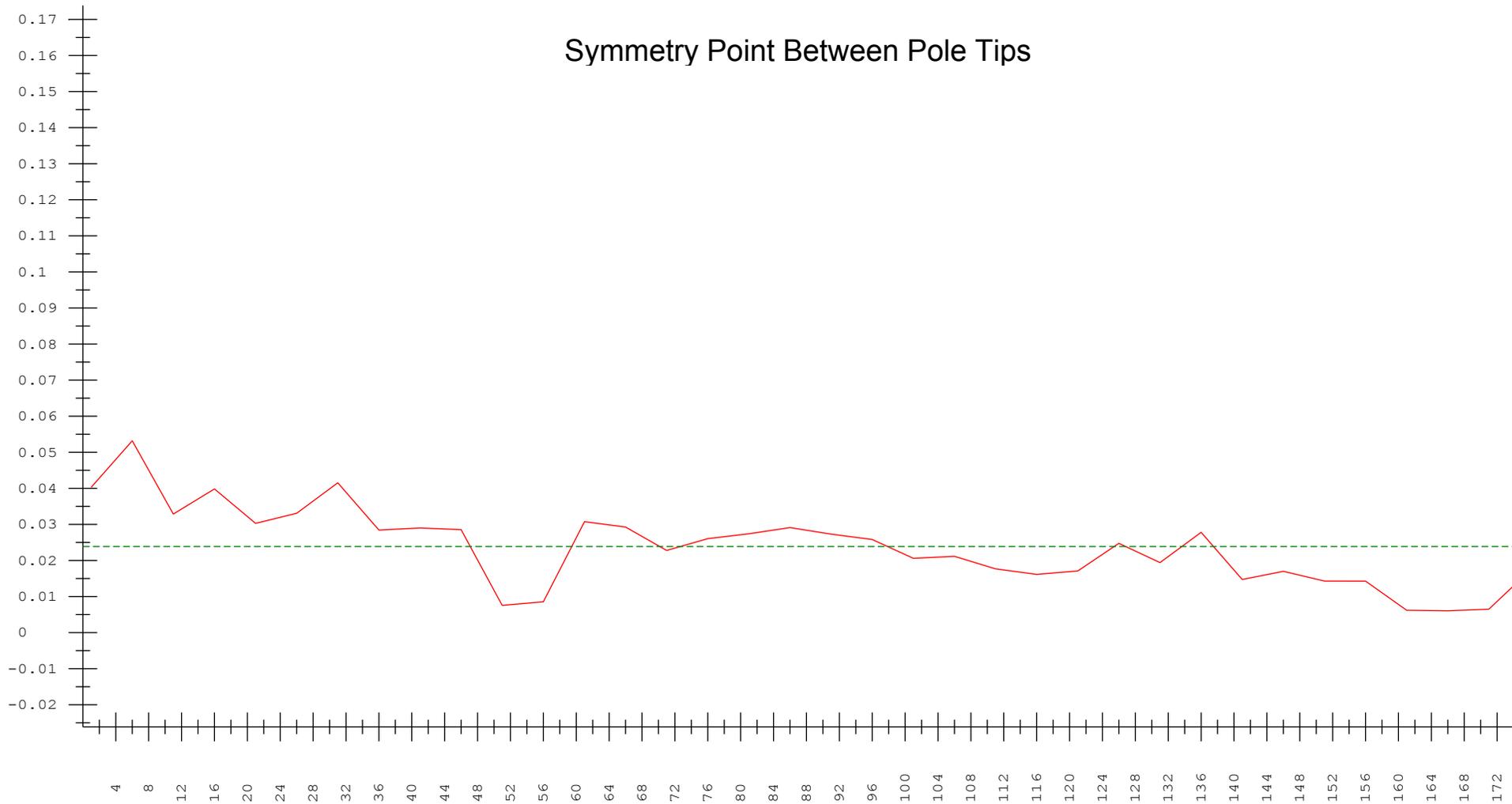
25-JAN-2018

S/N = 006

D/S = 0001

Run = 11

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0239

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 8

Gap Reading = 8.1503

US Encoder = 7.9999

DS Encoder = 8.3007

25-JAN-2018

S/N = 006

D/S= 0001

Run= 11

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	4.0217	4.0517	4.1273	4.1580
Bottom	-3.9468	-3.9888	-4.0950	-4.1382

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.0884	-4.0407	8.1292	0.0239

Additional Calculated Values

Bottom Pole #1 Z Value	979.299
Top Jaw Pitch (mrad)	0.040
Bottom Jaw Pitch(mrad)	-0.057
Minimum Effective Gap	7.893
Reference Block Gap	6.809

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 8

Gap Reading = 8.1503

US Encoder = 7.9999

DS Encoder = 8.3007

25-JAN-2018

S/N = 006

D/S= 0001

Run= 11