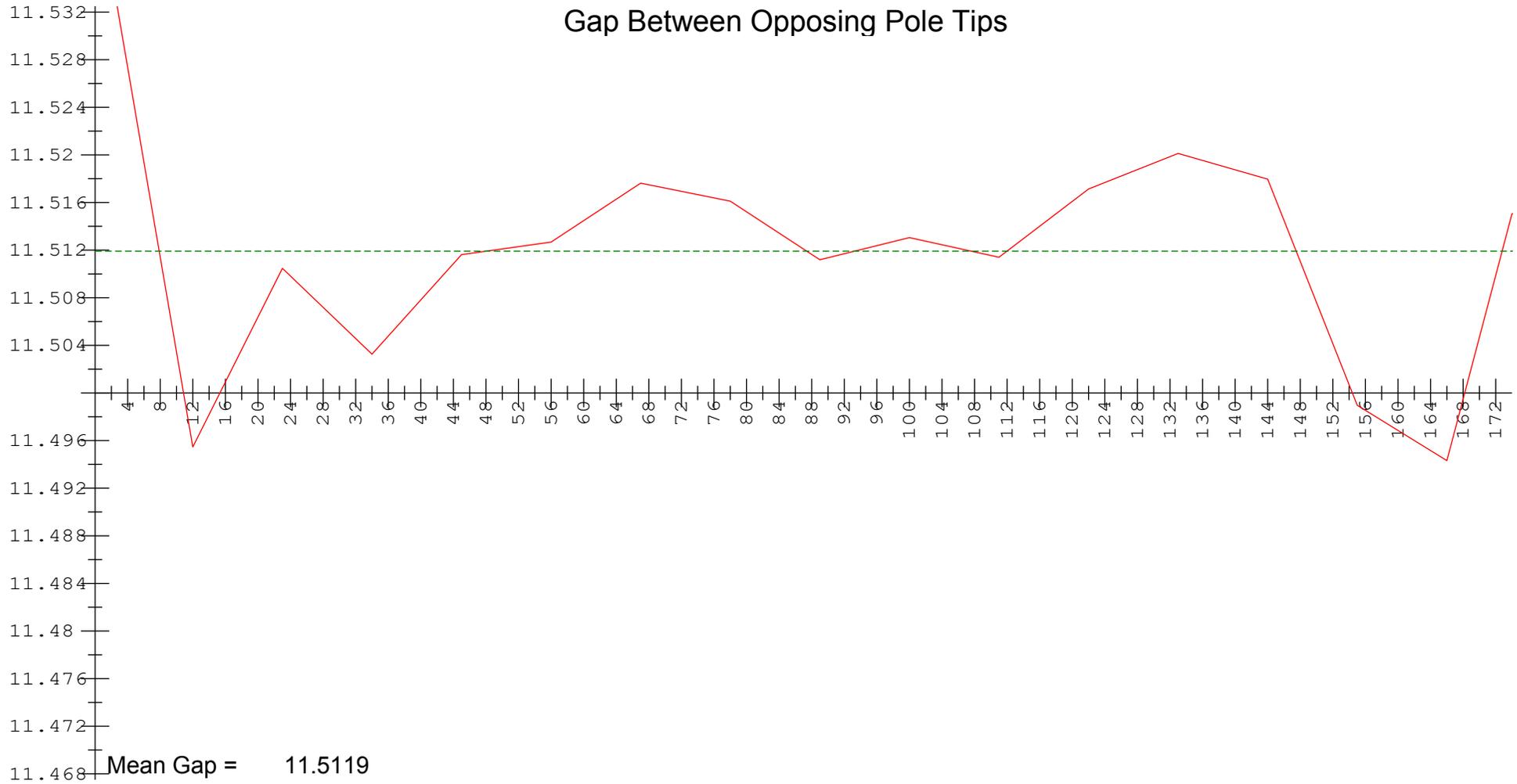


Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 11

Regression Line Through Points = -----
 Dimensions in mm

 <p>SLAC NATIONAL ACCELERATOR LABORATORY METROLOGY</p>	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 11.5 Nominal Taper = 0.000</p> <p style="margin: 0;">Gap Reading = 11.5000 US Encoder = 11.5000 DS Encoder = 11.5000</p>	<p style="margin: 0;">07-JUN-2018</p> <p style="margin: 0;">S/N = 011</p> <p style="margin: 0;">D/S = 0001</p> <p style="margin: 0;">Run = 7</p>
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Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 11

Dimensions in mm

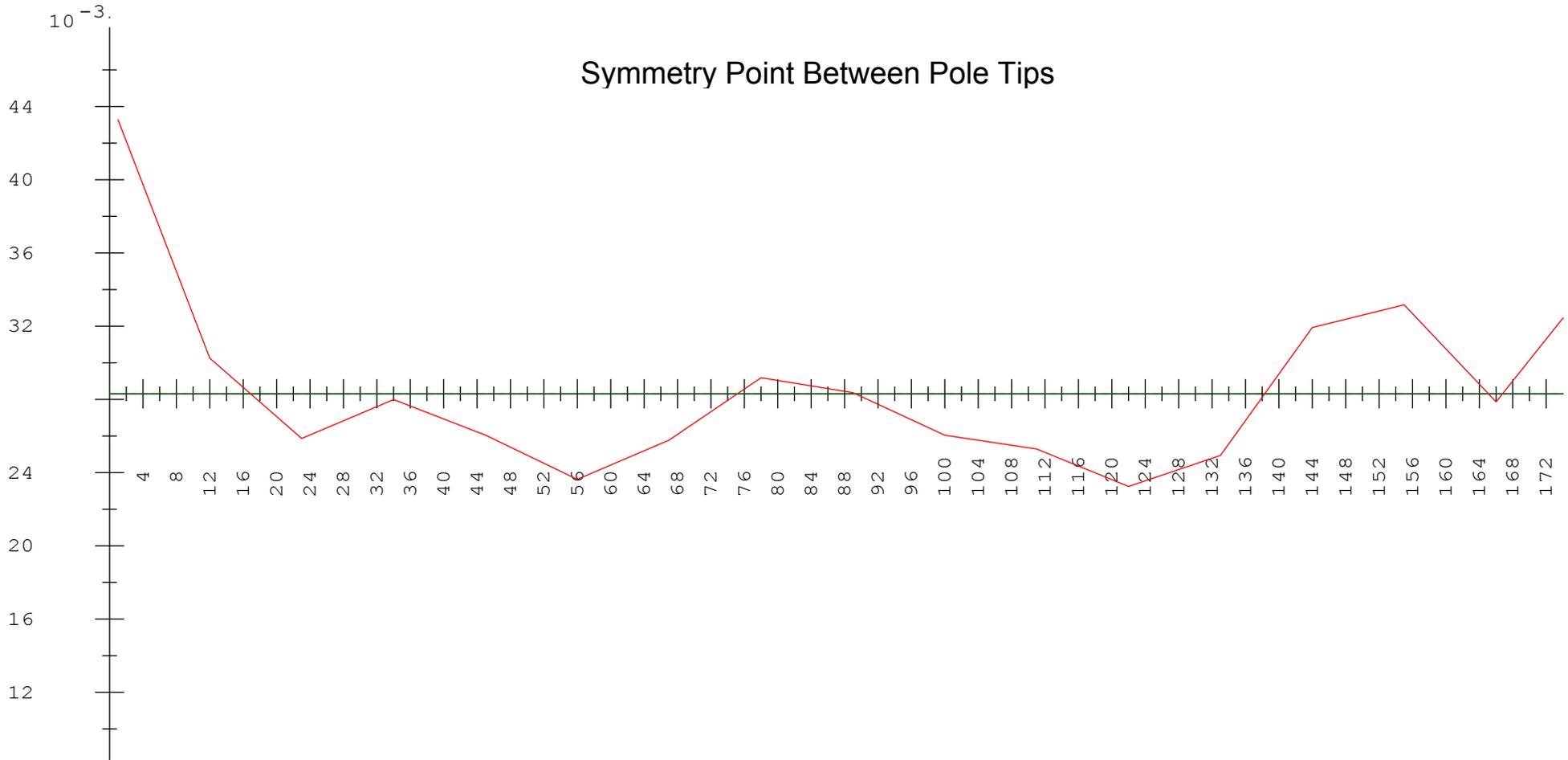


LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000
 Gap Reading = 11.5000 US Encoder = 11.5000 DS Encoder = 11.5000

07-JUN-2018
 S/N = 011
 D/S = 0001
 Run = 7

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0283

Step Between Measured Pole Tips = 11

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000
 Gap Reading = 11.5000 US Encoder = 11.5000 DS Encoder = 11.5000

07-JUN-2018
 S/N = 011
 D/S = 0001
 Run = 7

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	5.7873	5.7861	5.7832	5.7820
Bottom	-5.7281	-5.7279	-5.7272	-5.7269
Gap	11.5154			11.5089
Taper				-0.0065

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.7843	-5.7277	11.5119	0.0283

Additional Calculated Values

Bottom Pole #1 Z Value	979.744
Top Jaw Pitch (mrad)	-0.002
Bottom Jaw Pitch(mrad)	0.000
Minimum Effective Gap	11.491
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000
 Gap Reading = 11.5000 US Encoder = 11.5000 DS Encoder = 11.5000

07-JUN-2018
 S/N = 011
 D/S= 0001
 Run= 7