

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

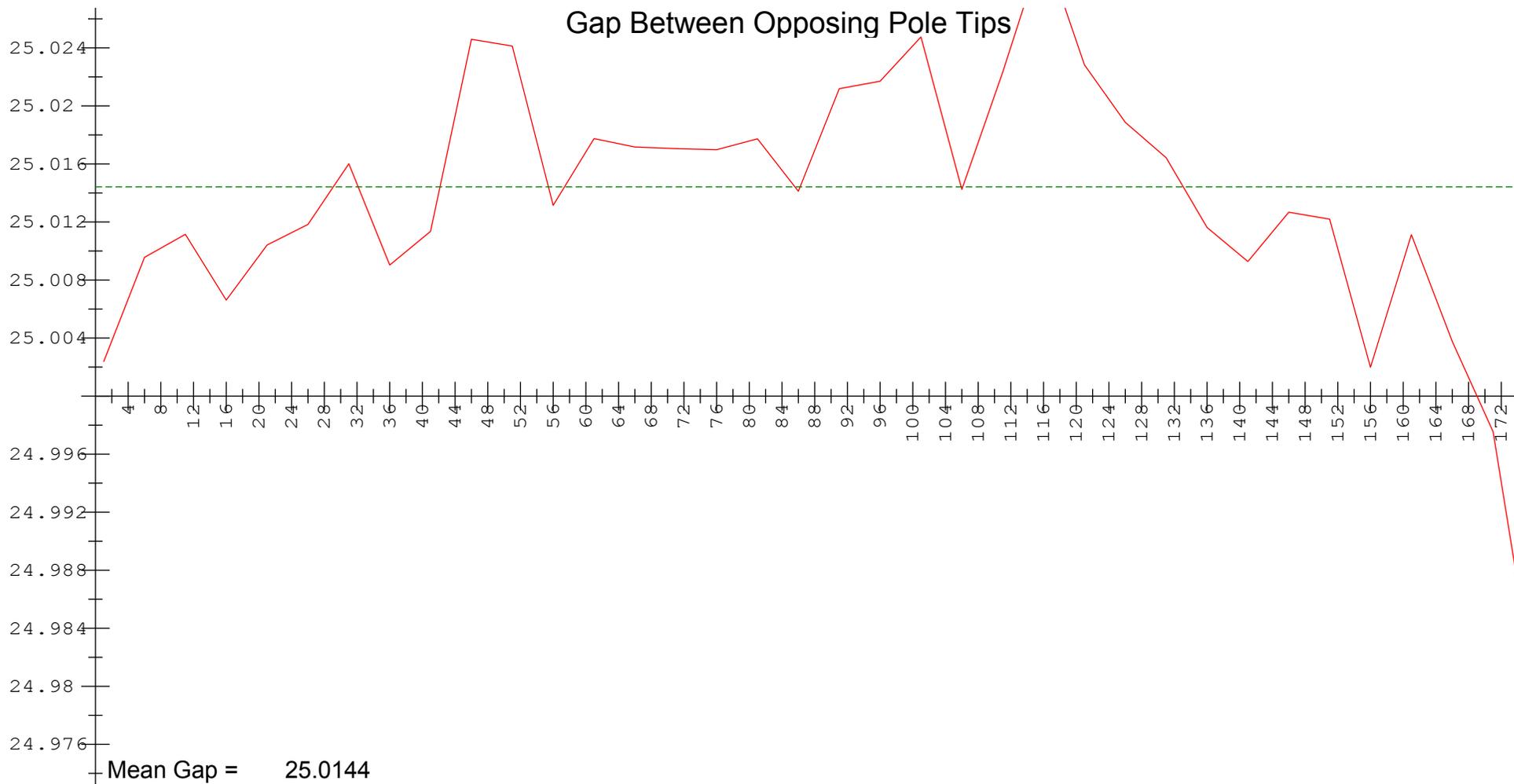
Nominal Gap = 25 Nominal Taper = 0.000
 Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000

13-NOV-2018

S/N = 017

D/S = 0001

Run = 14



Step Between Measured Pole Tips = 5

Dimensions in mm

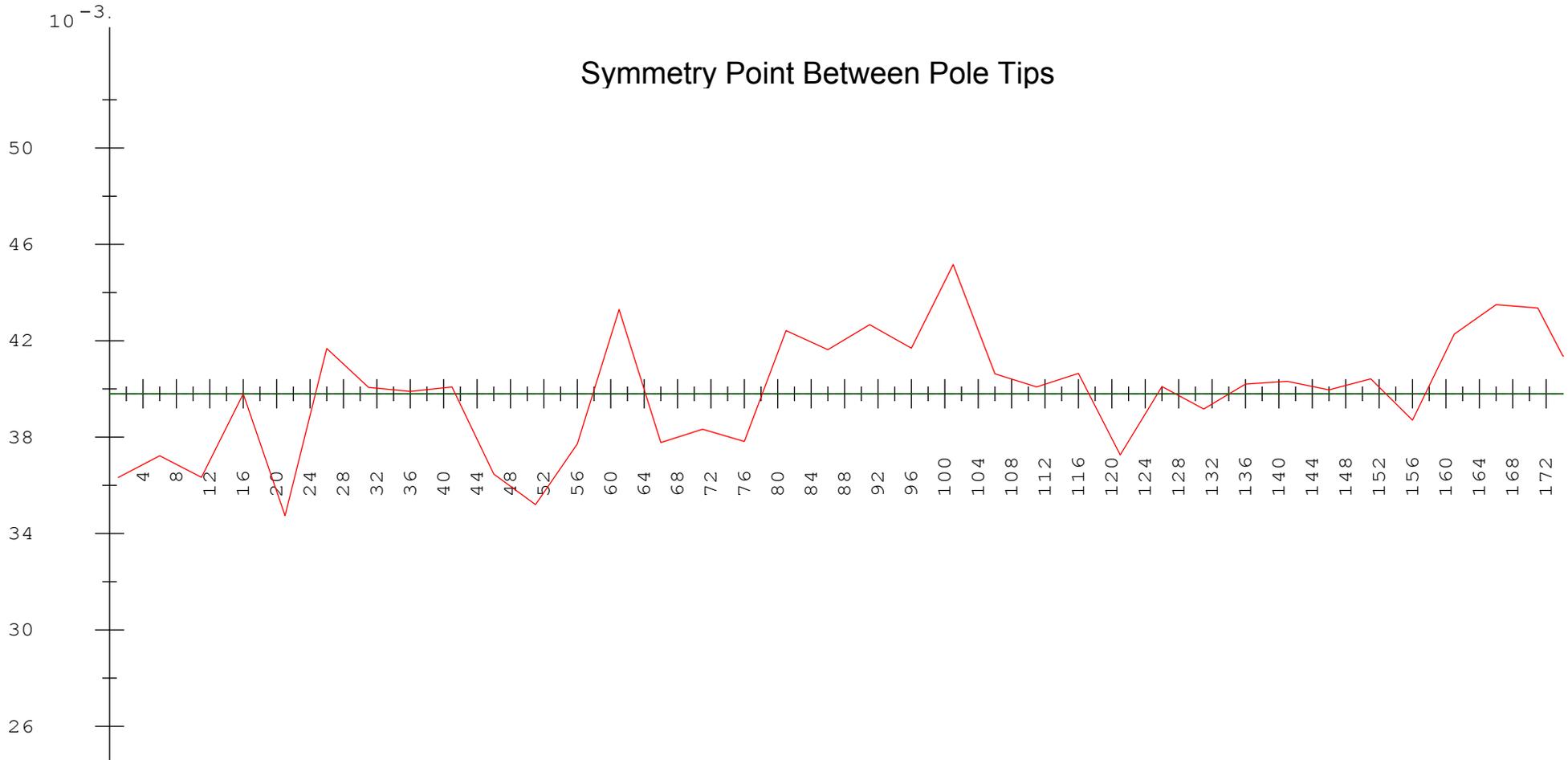


LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000
 Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000

13-NOV-2018
 S/N = 017
 D/S = 0001
 Run = 14

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0398

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000
 Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000

13-NOV-2018
 S/N = 017
 D/S = 0001
 Run = 14

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	12.5459	12.5462	12.5471	12.5474
Bottom	-12.4704	-12.4689	-12.4652	-12.4637
Gap	25.0163			25.0111
Taper				-0.0052

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.5470	-12.4674	25.0144	0.0398

Additional Calculated Values

Bottom Pole #1 Z Value	980.178
Top Jaw Pitch (mrad)	0.000
Bottom Jaw Pitch(mrad)	0.002
Minimum Effective Gap	24.987
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000
 Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000

13-NOV-2018
 S/N = 017
 D/S= 0001
 Run= 14