

Minimum Effective Gap = 24.994

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

Regression Line Through Points = Dimensions in mm

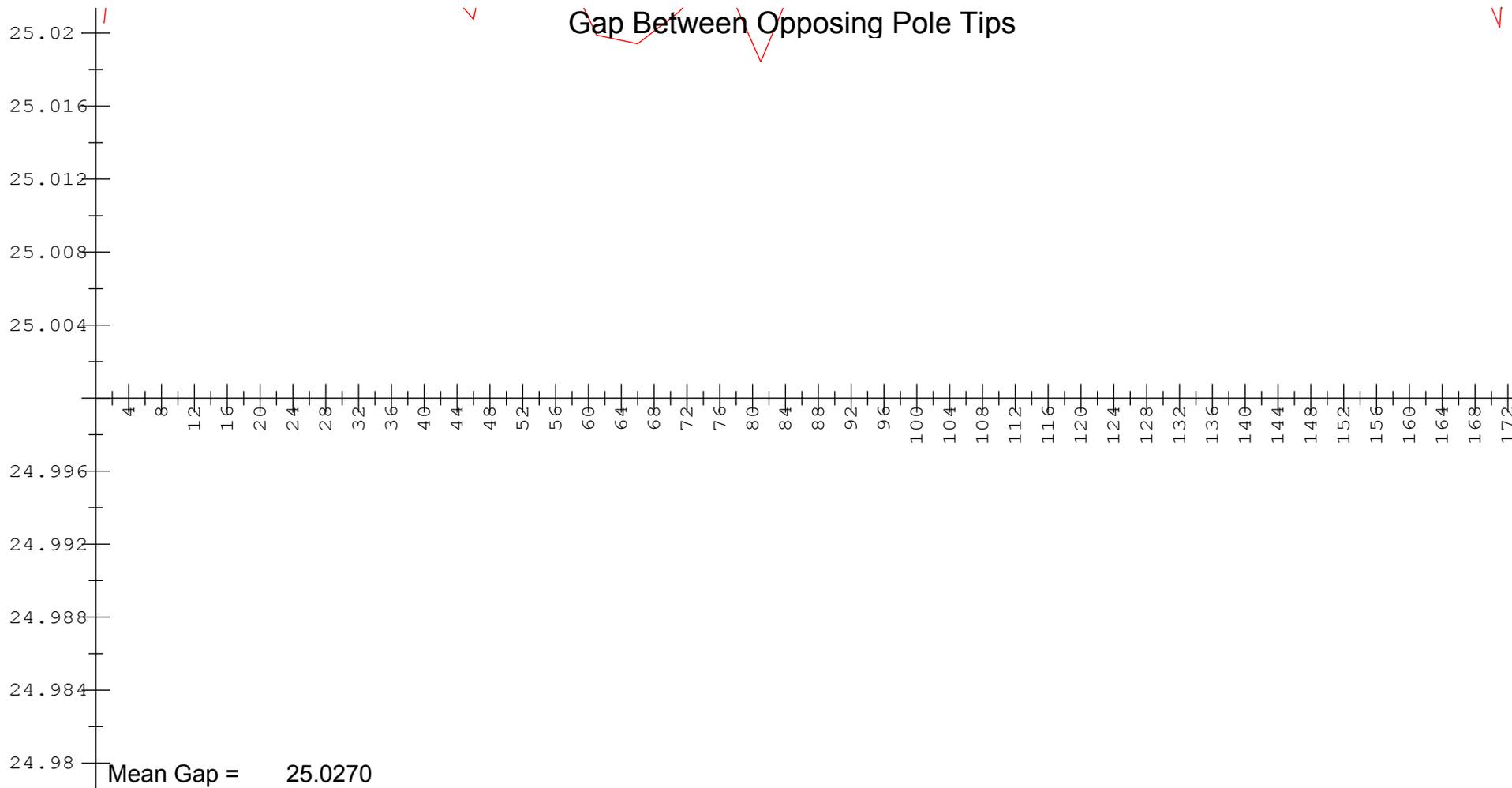


LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000

Gap Reading = 20.0007 US Encoder = 20.0009 DS Encoder = 20.0006

16-MAY-2018
S/N = 010
D/S = 0001
Run = 13



Step Between Measured Pole Tips = 5

Dimensions in mm



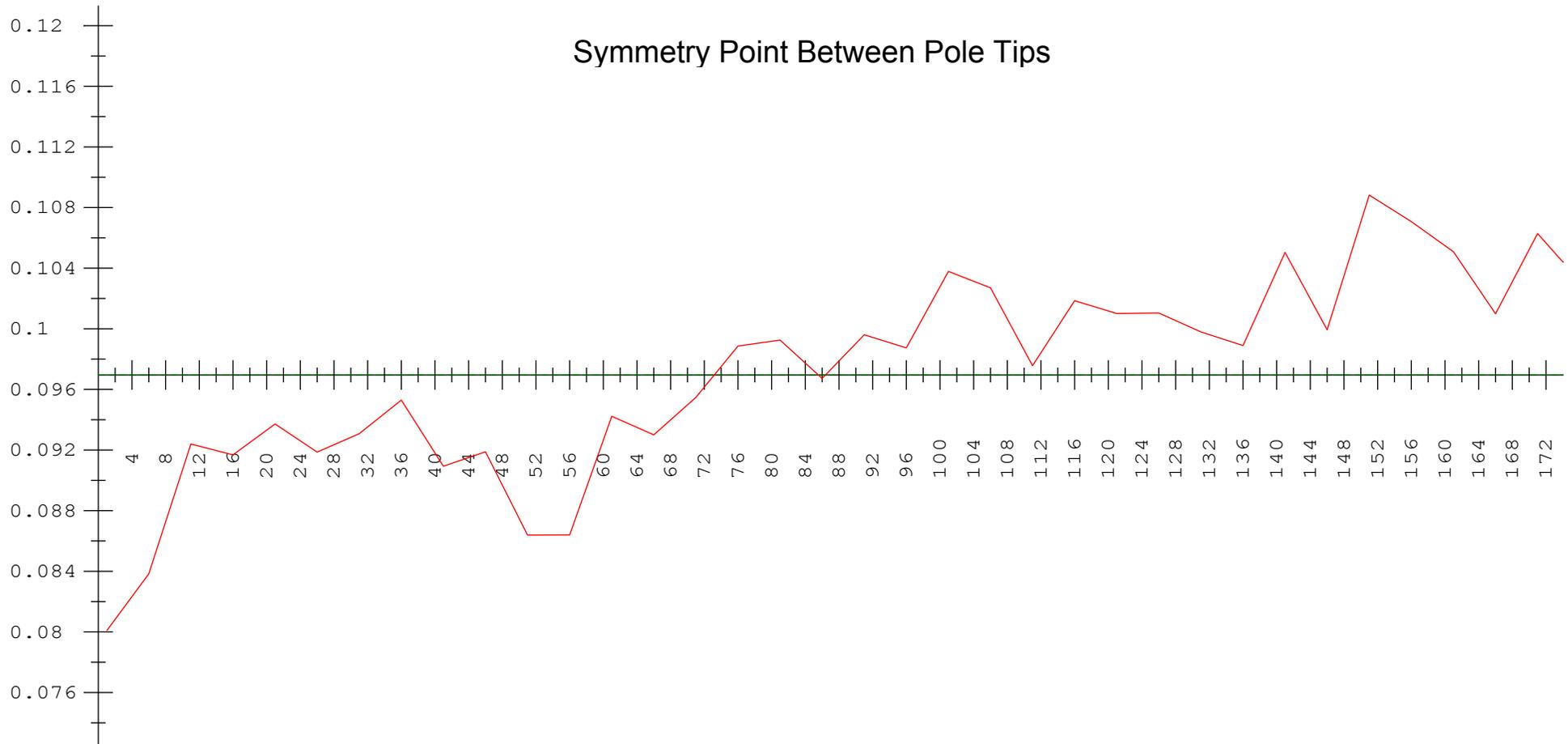
LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000

Gap Reading = 20.0007 US Encoder = 20.0009 DS Encoder = 20.0006

16-MAY-2018
 S/N = 010
 D/S = 0001
 Run = 13

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0970

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000
 Gap Reading = 20.0007 US Encoder = 20.0009 DS Encoder = 20.0006

16-MAY-2018
 S/N = 010
 D/S = 0001
 Run = 13

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	12.6008	12.6052	12.6162	12.6206
Bottom	-12.4259	-12.4218	-12.4116	-12.4074
Gap	25.0267			25.0280
Taper				0.0013

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.6105	-12.4166	25.0270	0.0970

Additional Calculated Values

Bottom Pole #1 Z Value	979.704
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	24.994
Reference Block Gap	6.802

Dimensions in mm



LCLS II - SXR Undulator

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