

Minimum Effective Gap = 24.988

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points =

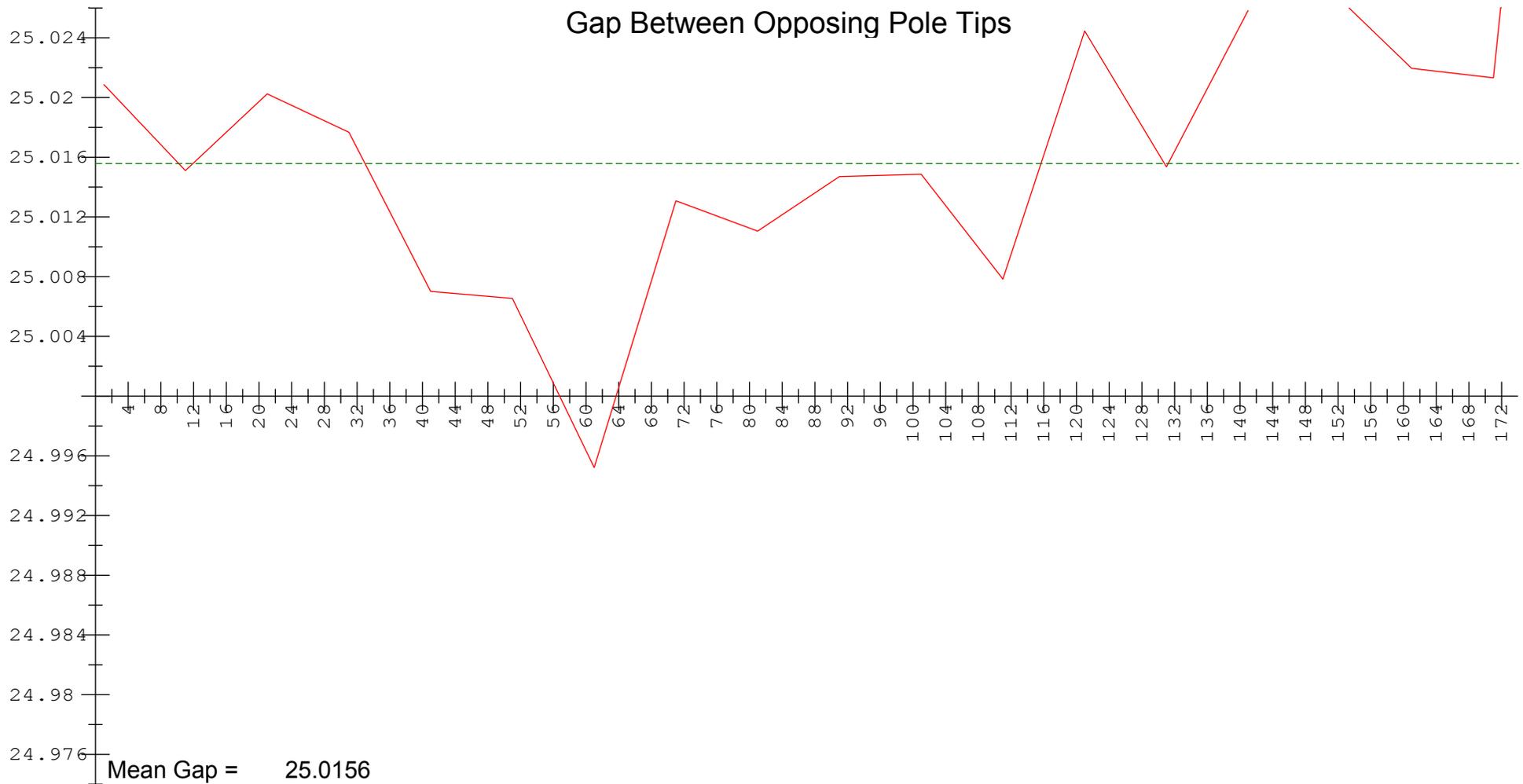
Dimensions in mm



LCLS II - SXR Undulator

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

19-APR-2018
 S/N = 009
 D/S = 0001
 Run = 12



Step Between Measured Pole Tips = 10

Dimensions in mm

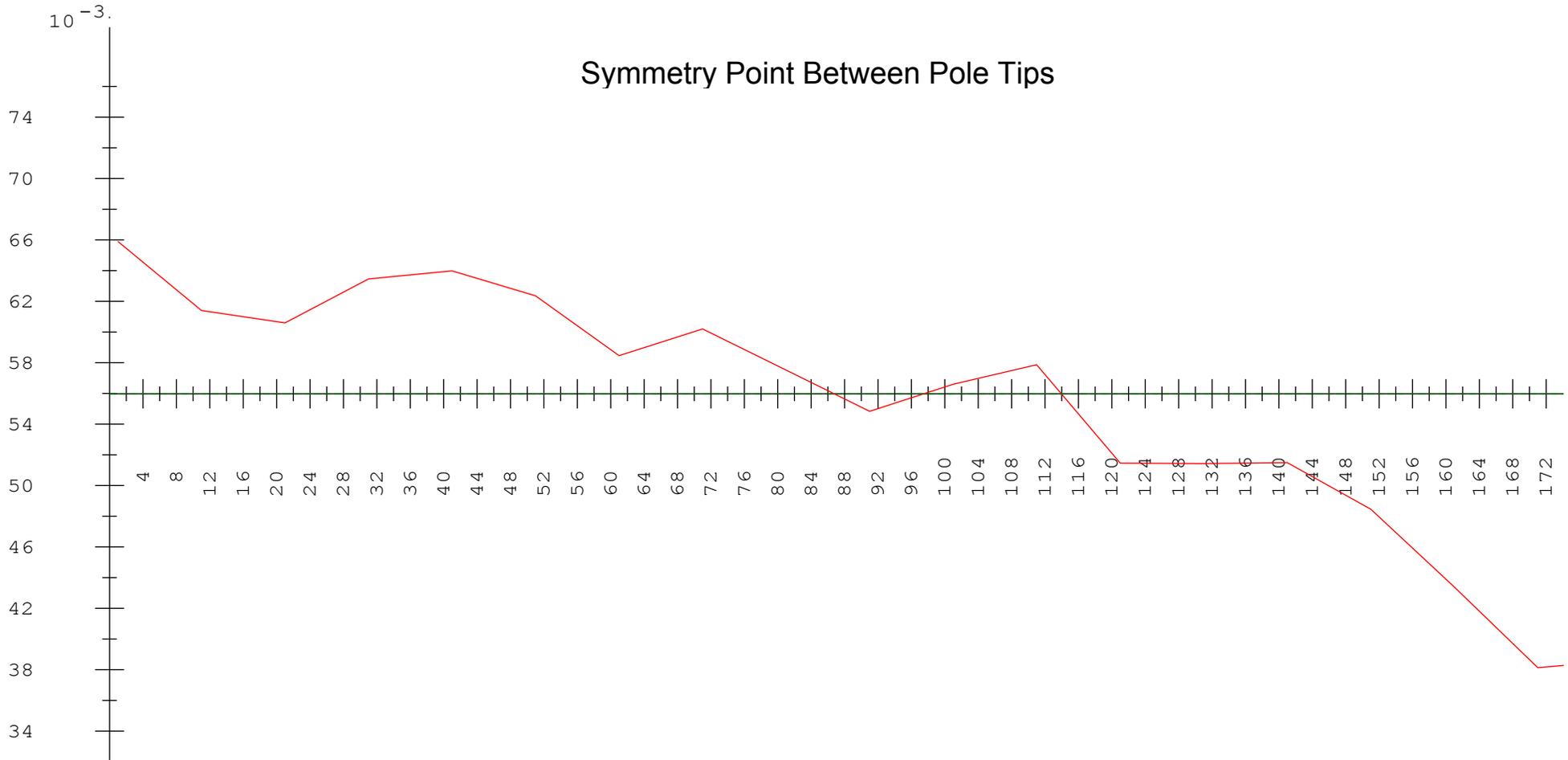


LCLS II - SXR Undulator

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

19-APR-2018
 S/N = 009
 D/S = 0001
 Run = 12

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0560

Step Between Measured Pole Tips = 10

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

19-APR-2018
 S/N = 009
 D/S = 0001
 Run = 12

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	12.5720	12.5684	12.5591	12.5554
Bottom	-12.4373	-12.4441	-12.4612	-12.4682
Gap	25.0093			25.0236
Taper				0.0143

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.5638	-12.4518	25.0156	0.0560

Additional Calculated Values

Bottom Pole #1 Z Value	979.421
Top Jaw Pitch (mrad)	-0.005
Bottom Jaw Pitch(mrad)	-0.009
Minimum Effective Gap	24.988
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

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19-APR-2018
 S/N = 009
 D/S= 0001
 Run= 12