

Minimum Effective Gap = 24.979

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

Regression Line Through Points =
Dimensions in mm



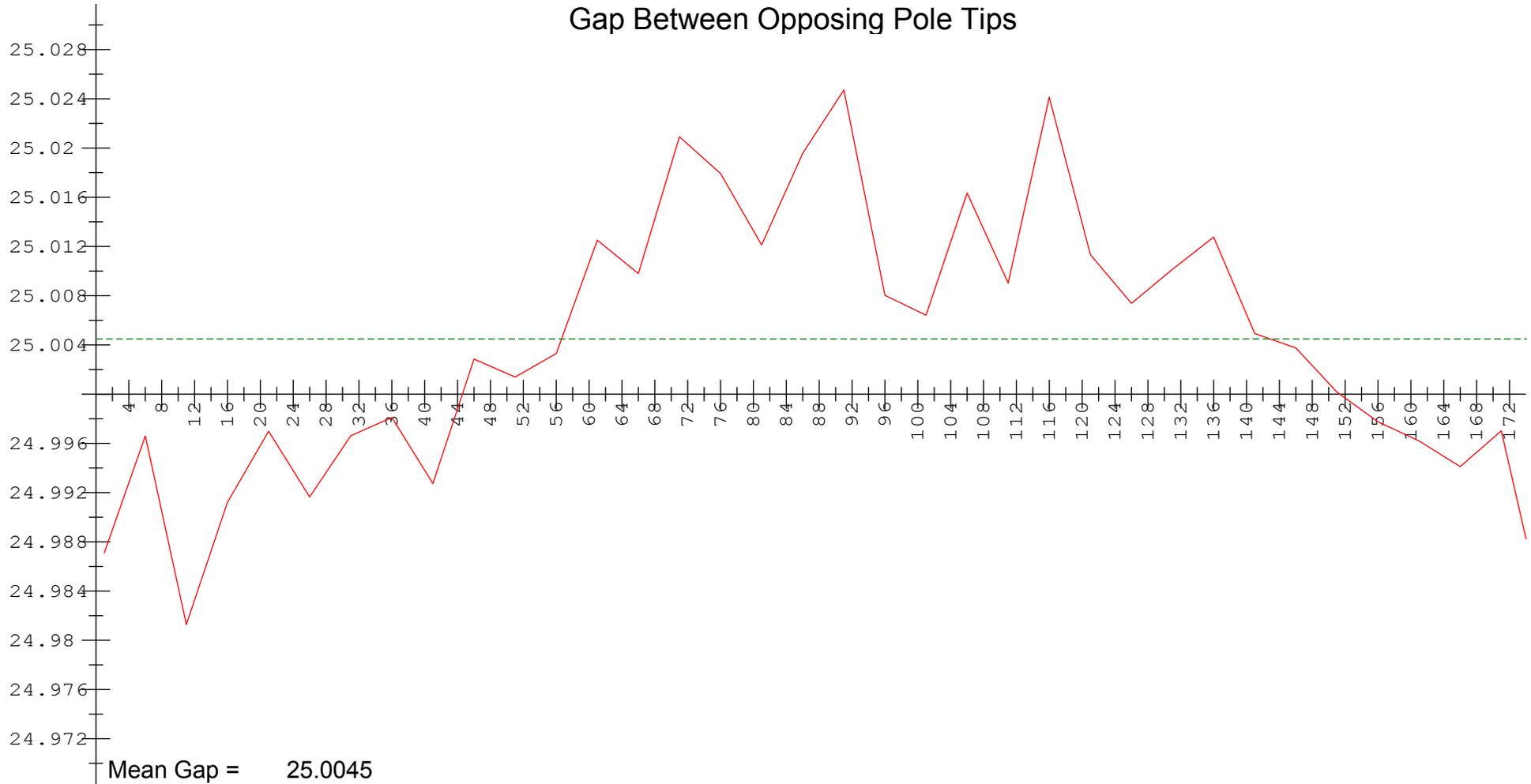
LCLS II - SXR Undulator

Nominal Gap = 25 Nominal Taper = 0.000

Gap Reading = 25.0000 US Encoder = 25.0000 DS Encoder = 25.0000

24-OCT-2018
S/N = 016
D/S = 0001
Run = 14

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

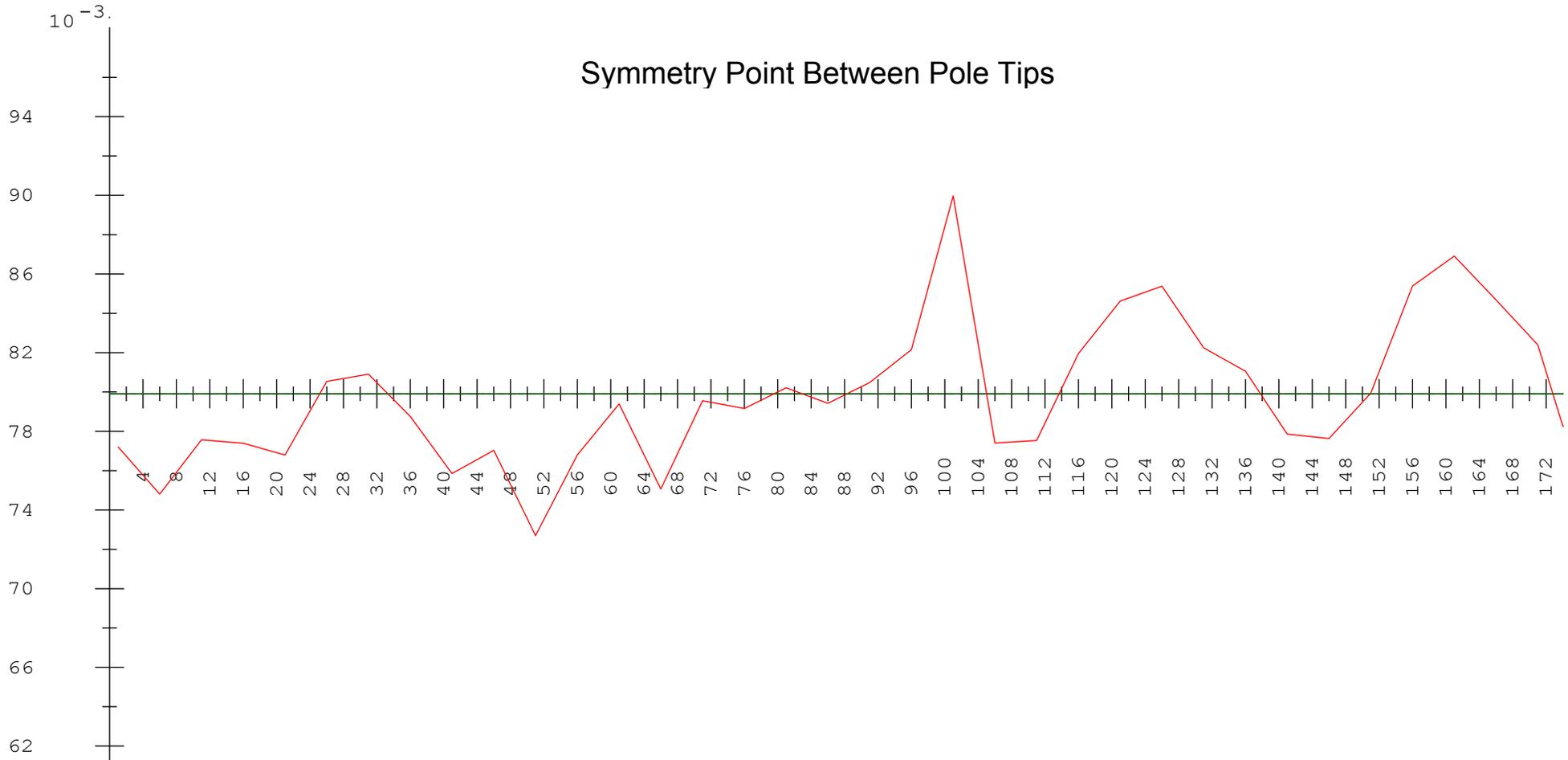


LCLS II - SXR Undulator

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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0799

Step Between Measured Pole Tips = 5

Dimensions in mm



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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	12.5764	12.5788	12.5848	12.5872
Bottom	-12.4234	-12.4229	-12.4215	-12.4209
Gap	24.9998			25.0082
Taper				0.0084

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.5821	-12.4223	25.0045	0.0799

Additional Calculated Values

Bottom Pole #1 Z Value	979.935
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	24.979
Reference Block Gap	6.809

Dimensions in mm



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