

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm

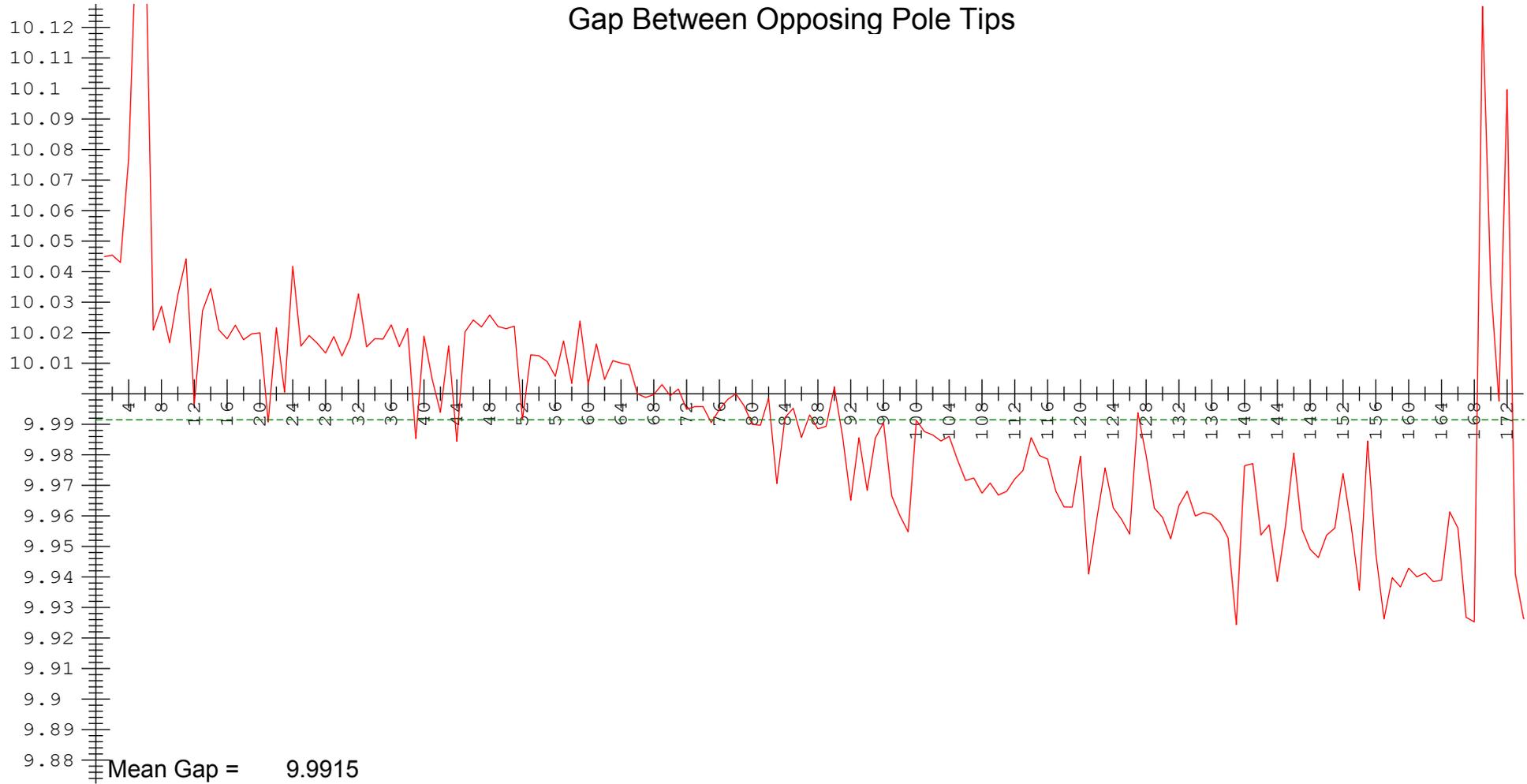


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = -0.100
 Gap Reading = 9.9500 US Encoder = 10.0000 DS Encoder = 9.9000

29-MAR-2019
 S/N = 022
 D/S = 0001
 Run = 8

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

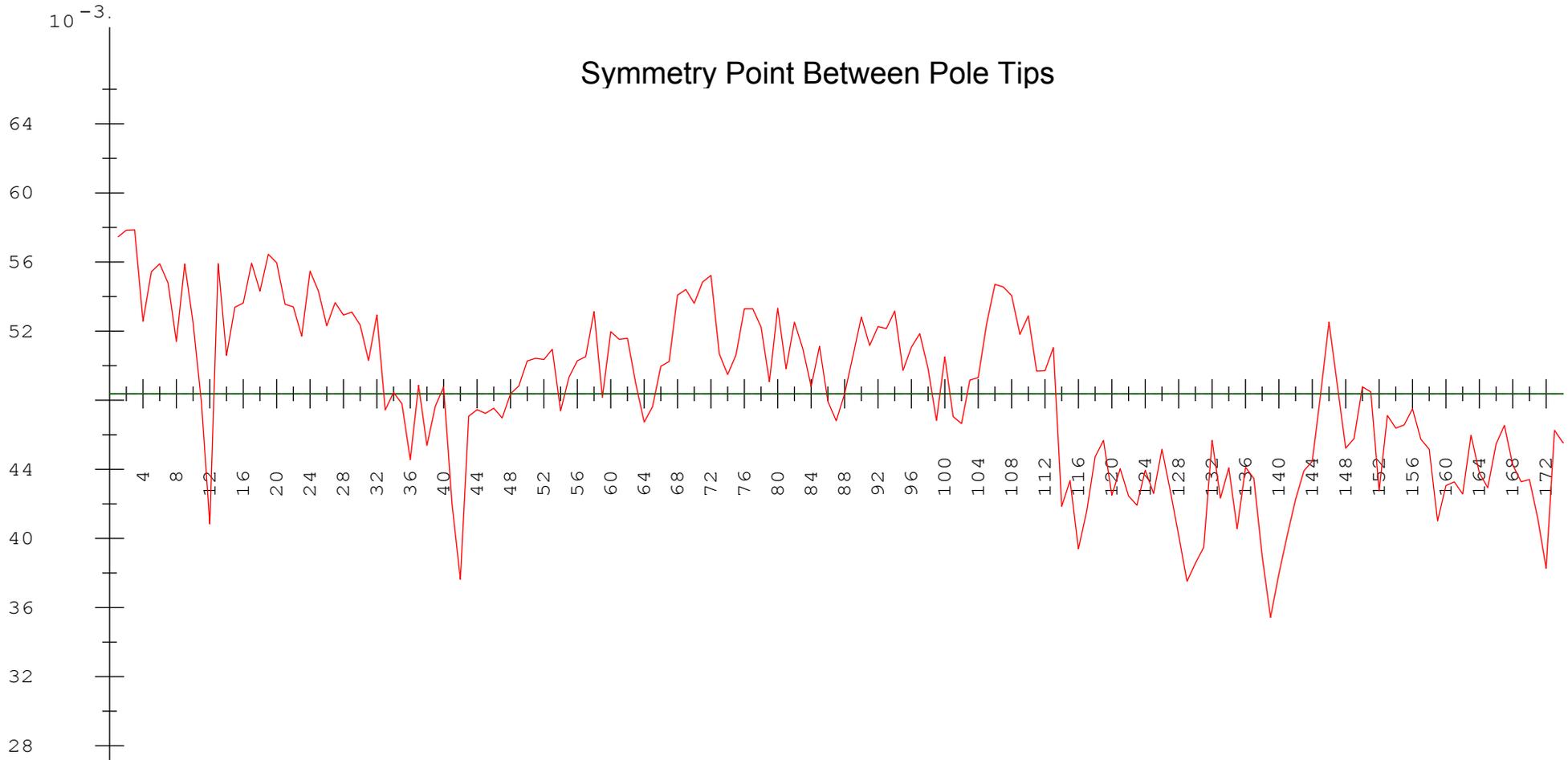


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0484

Step Between Measured Pole Tips = 1

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	5.0719	5.0597	5.0289	5.0164
Bottom	-4.9645	-4.9570	-4.9380	-4.9302
Gap	10.0364			9.9466
Taper				-0.0898

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0441	-4.9474	9.9915	0.0484

Additional Calculated Values

Bottom Pole #1 Z Value	980.532
Top Jaw Pitch (mrad)	-0.016
Bottom Jaw Pitch(mrad)	0.010
Minimum Effective Gap	9.914
Reference Block Gap	6.812

Dimensions in mm



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