

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

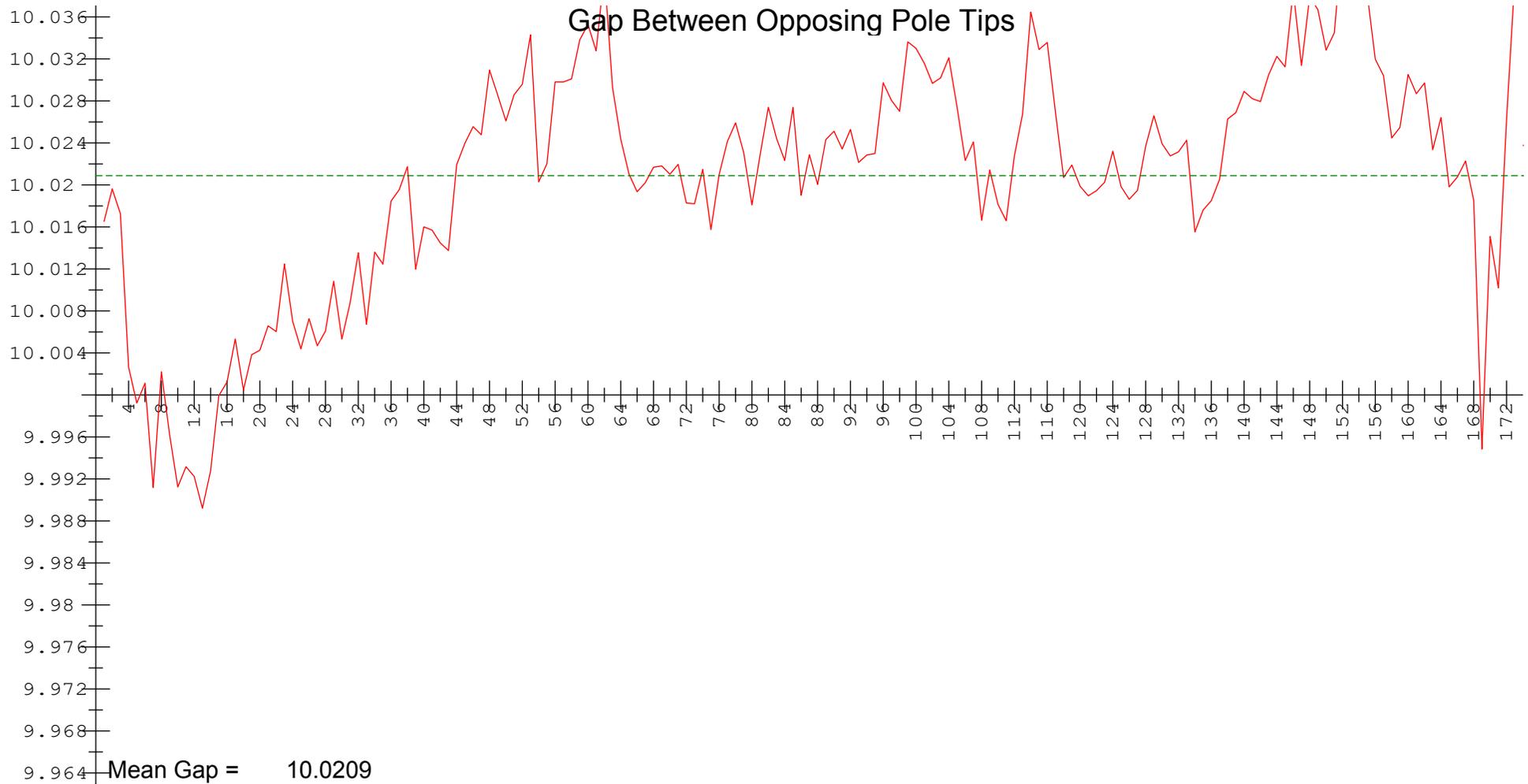
Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

18-MAR-2019

S/N = 022

D/S = 0001

Run = 6



Step Between Measured Pole Tips = 1

Dimensions in mm

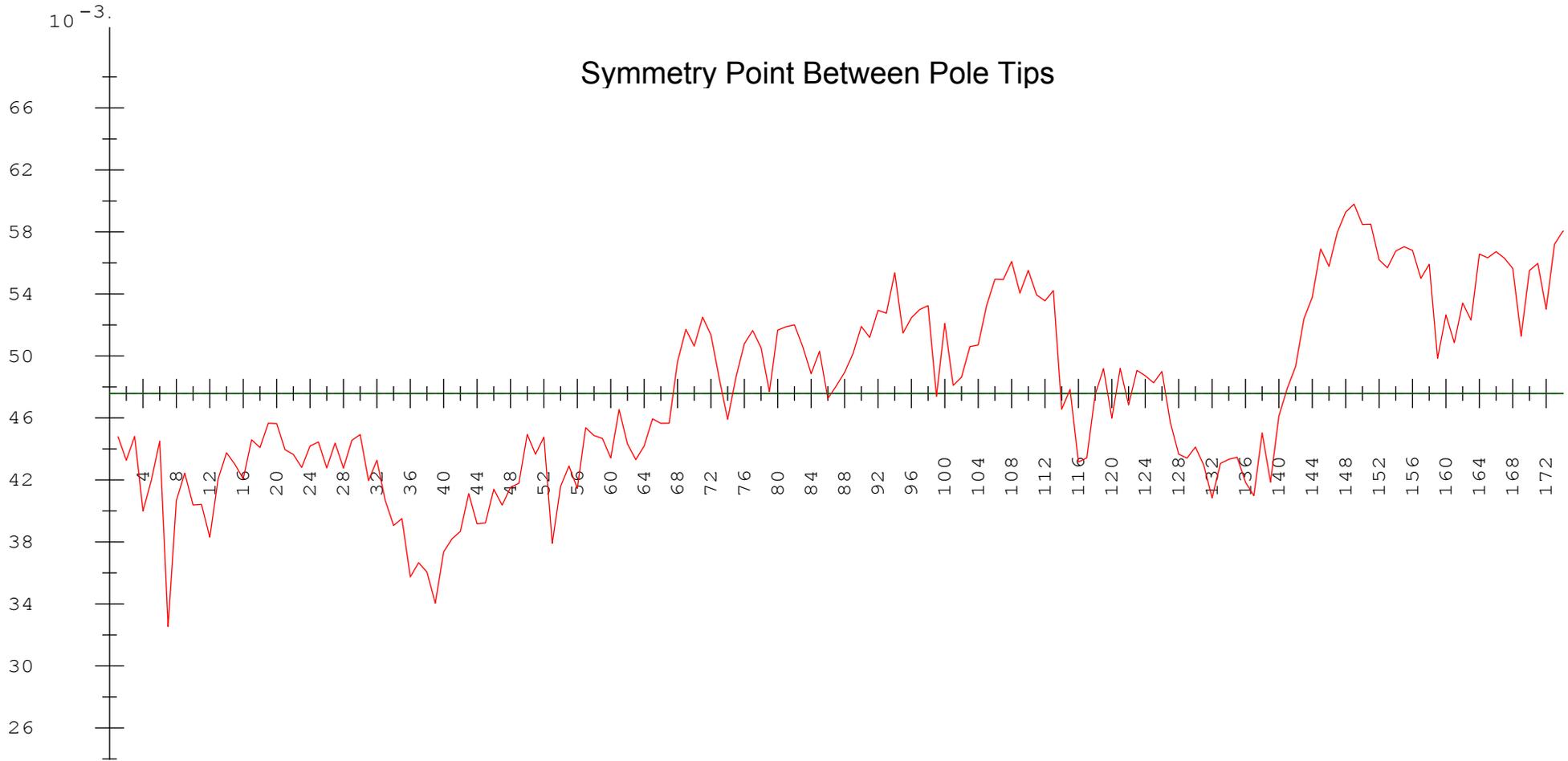


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0476

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	5.0451	5.0508	5.0651	5.0709
Bottom	-4.9644	-4.9637	-4.9620	-4.9613
Gap	10.0095			10.0323
Taper				0.0228

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0580	-4.9629	10.0209	0.0476

Additional Calculated Values

Bottom Pole #1 Z Value	980.569
Top Jaw Pitch (mrad)	0.008
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	9.974
Reference Block Gap	6.809

Dimensions in mm



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