

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

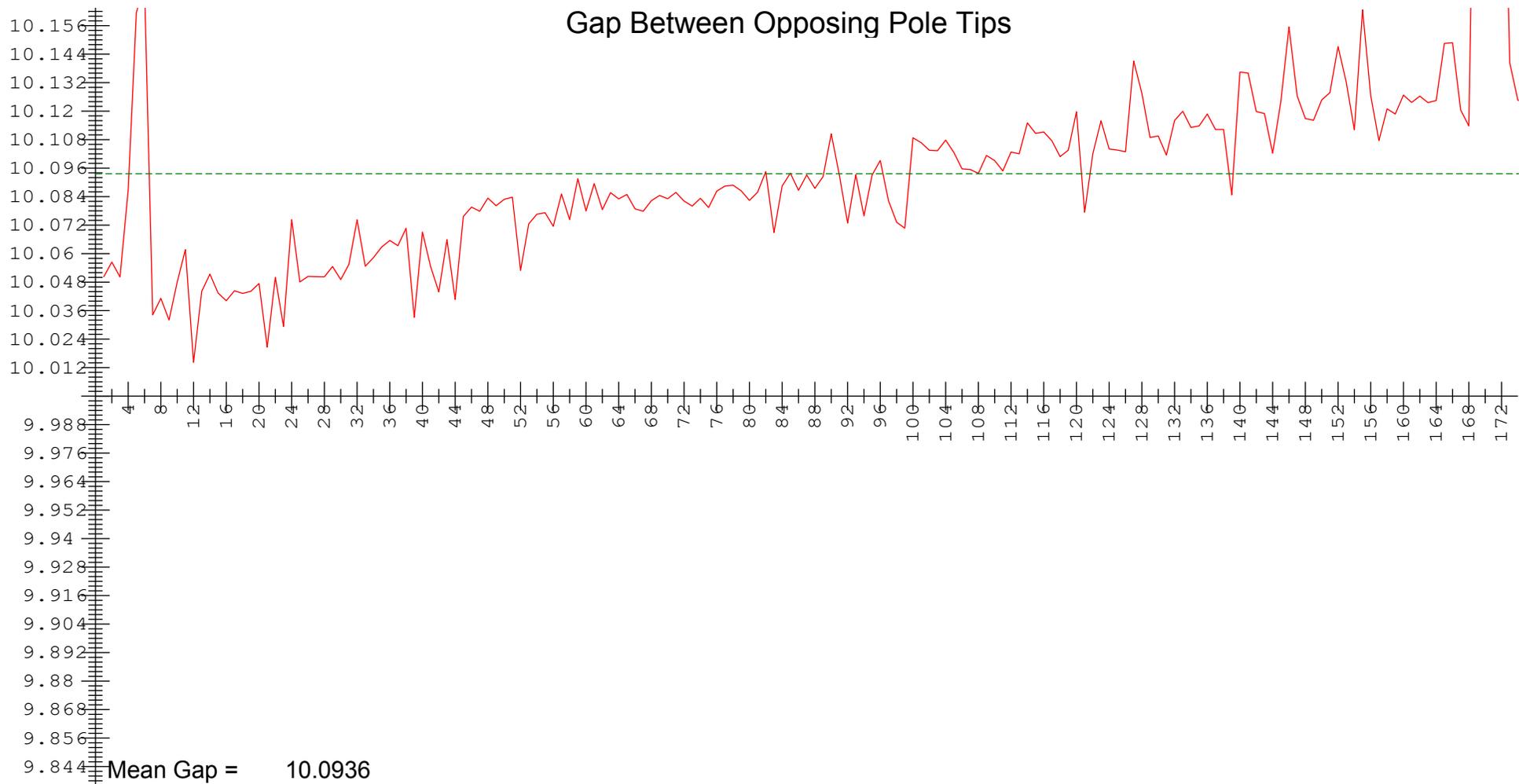
Nominal Gap = 10 Nominal Taper = 0.100
 Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1001

29-MAR-2019

S/N = 022

D/S = 0001

Run = 9



Step Between Measured Pole Tips = 1

Dimensions in mm

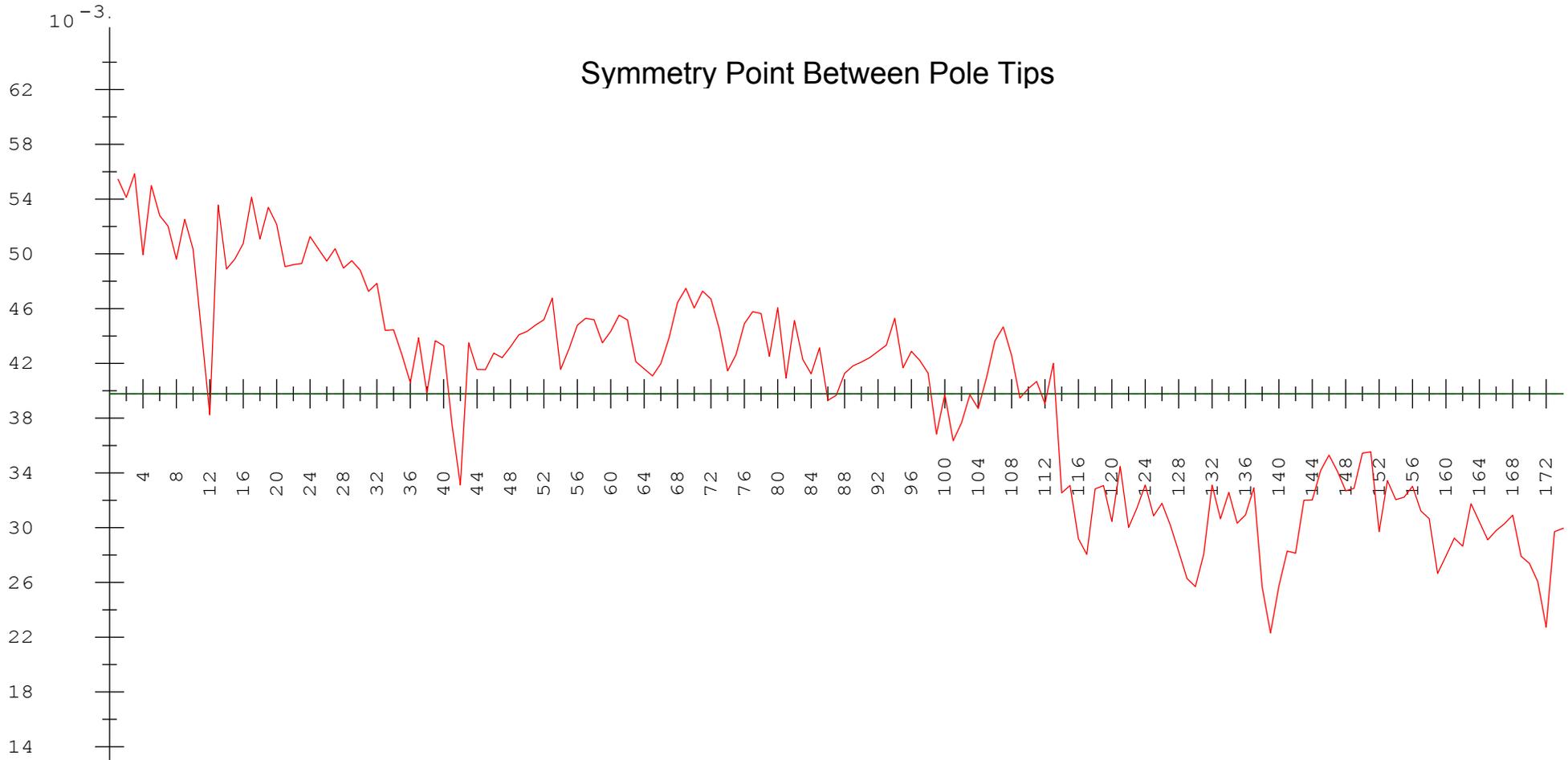


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0398

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	5.0729	5.0789	5.0941	5.1003
Bottom	-4.9689	-4.9856	-5.0280	-5.0452
Gap	10.0418			10.1455
Taper				0.1037

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0866	-5.0070	10.0936	0.0398

Additional Calculated Values

Bottom Pole #1 Z Value	980.532
Top Jaw Pitch (mrad)	0.008
Bottom Jaw Pitch(mrad)	-0.023
Minimum Effective Gap	10.007
Reference Block Gap	6.812

Dimensions in mm



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