

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

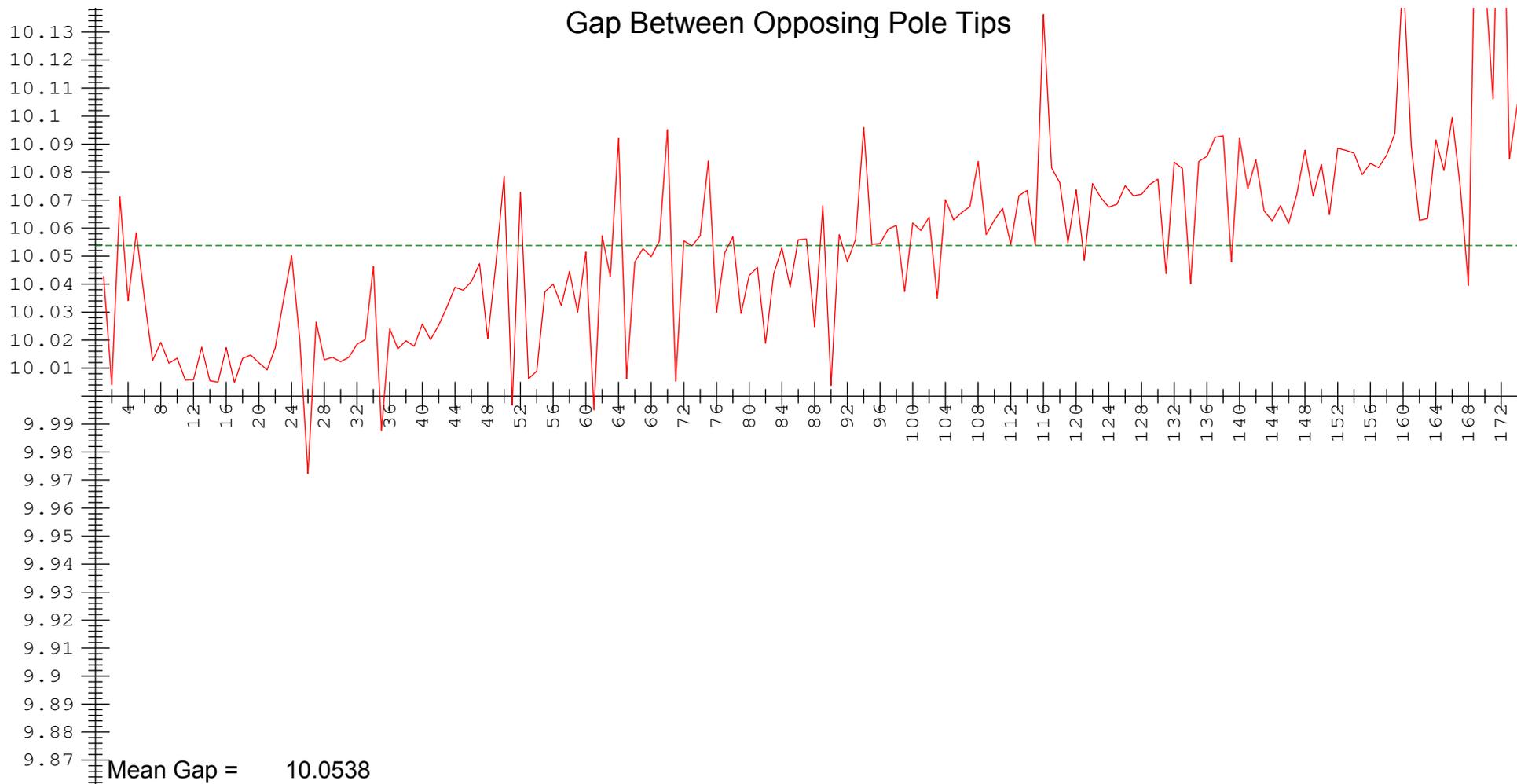
Nominal Gap = 10 Nominal Taper = 0.100
Gap Reading = 10.0501 US Encoder = 10.0001 DS Encoder = 10.1001

20-JUN-2018

S/N = 011

D/S = 0001

Run = 17



Step Between Measured Pole Tips = 1

Dimensions in mm

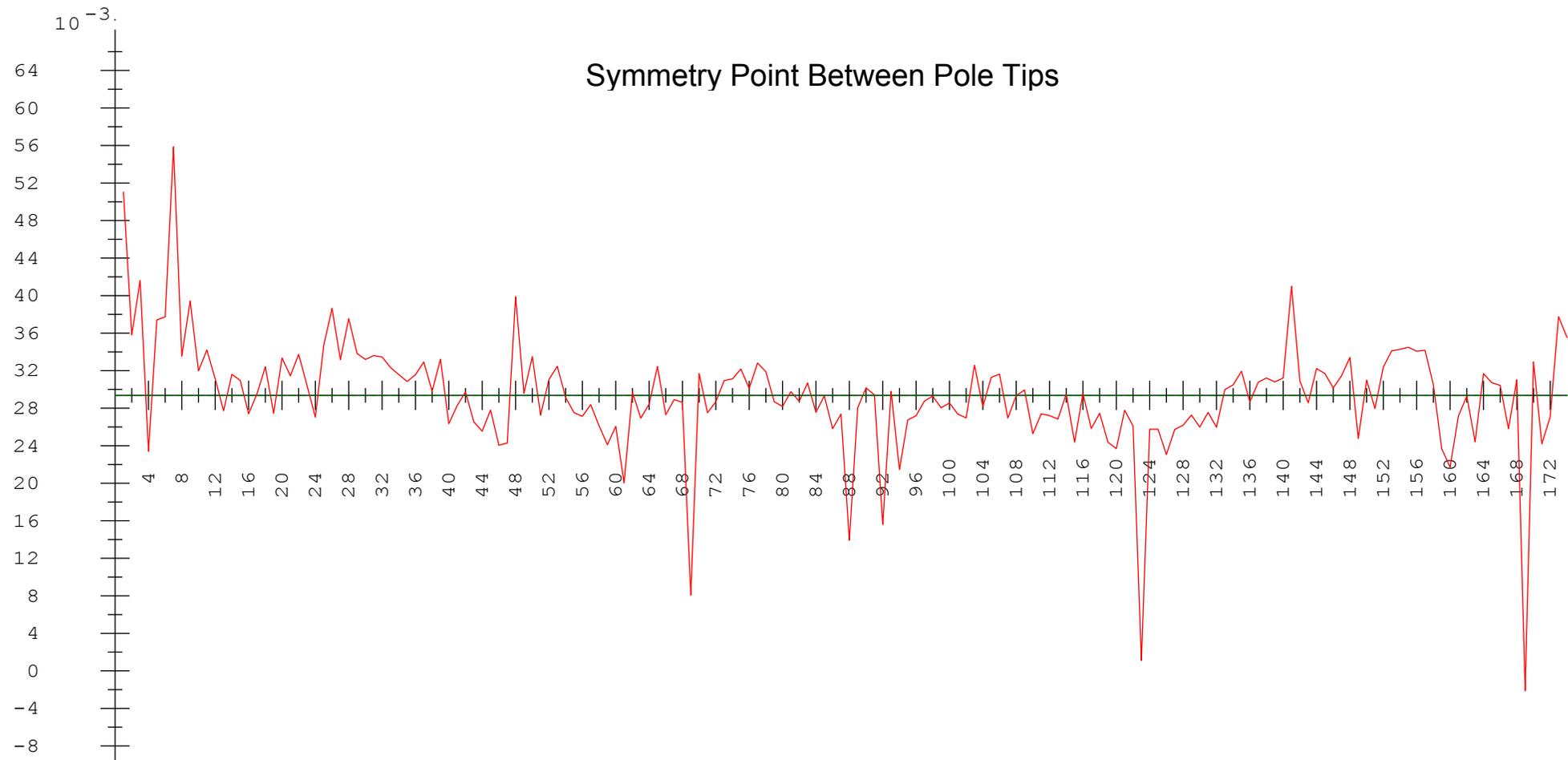


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Mean Symmetry Value = 0.0294

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	5.0366	5.0452	5.0671	5.0760
Bottom	-4.9723	-4.9834	-5.0114	-5.0227
Gap	10.0089			10.0987
Taper				0.0898

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0563	-4.9975	10.0538	0.0294

Additional Calculated Values

Bottom Pole #1 Z Value	979.711
Top Jaw Pitch (mrad)	0.012
Bottom Jaw Pitch(mrad)	-0.015
Minimum Effective Gap	9.965
Reference Block Gap	6.803

Dimensions in mm



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