

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 = 11.5 Nominal Taper = 0

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

30-MAR-2018
 S/N = 008
 D/S = 0001
 Run = 12

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

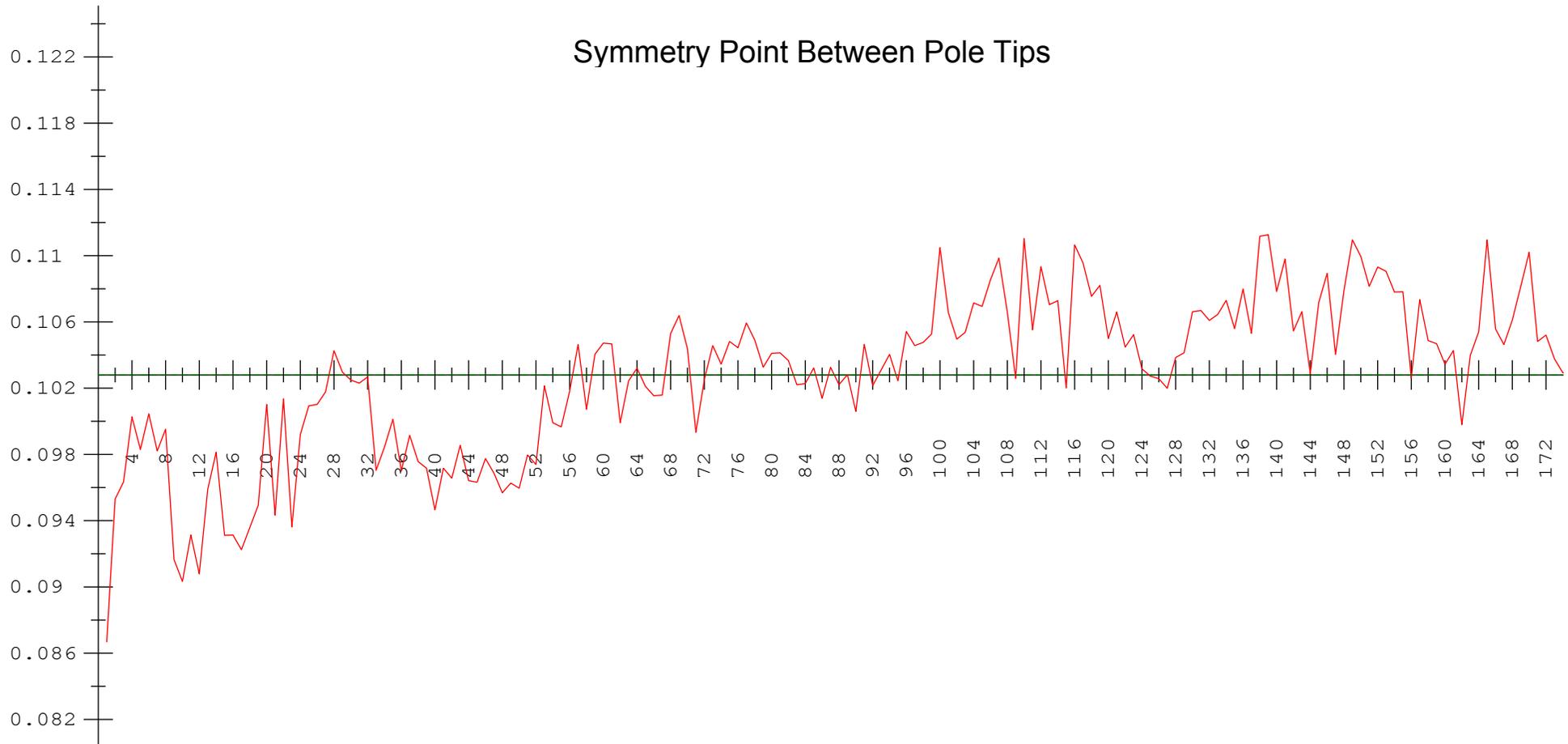


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1028

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	5.8497	5.8512	5.8551	5.8567
Bottom	-5.6565	-5.6526	-5.6427	-5.6387
Gap	11.5062			11.4954
Taper				-0.0108

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.8532	-5.6476	11.5008	0.1028

Additional Calculated Values

Bottom Pole #1 Z Value	979.390
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	11.473
Reference Block Gap	6.803

Dimensions in mm



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