

Minimum Effective Gap = 9.799

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

13-SEP-2018
S/N = 001
D/S = 0004
Run = 16

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

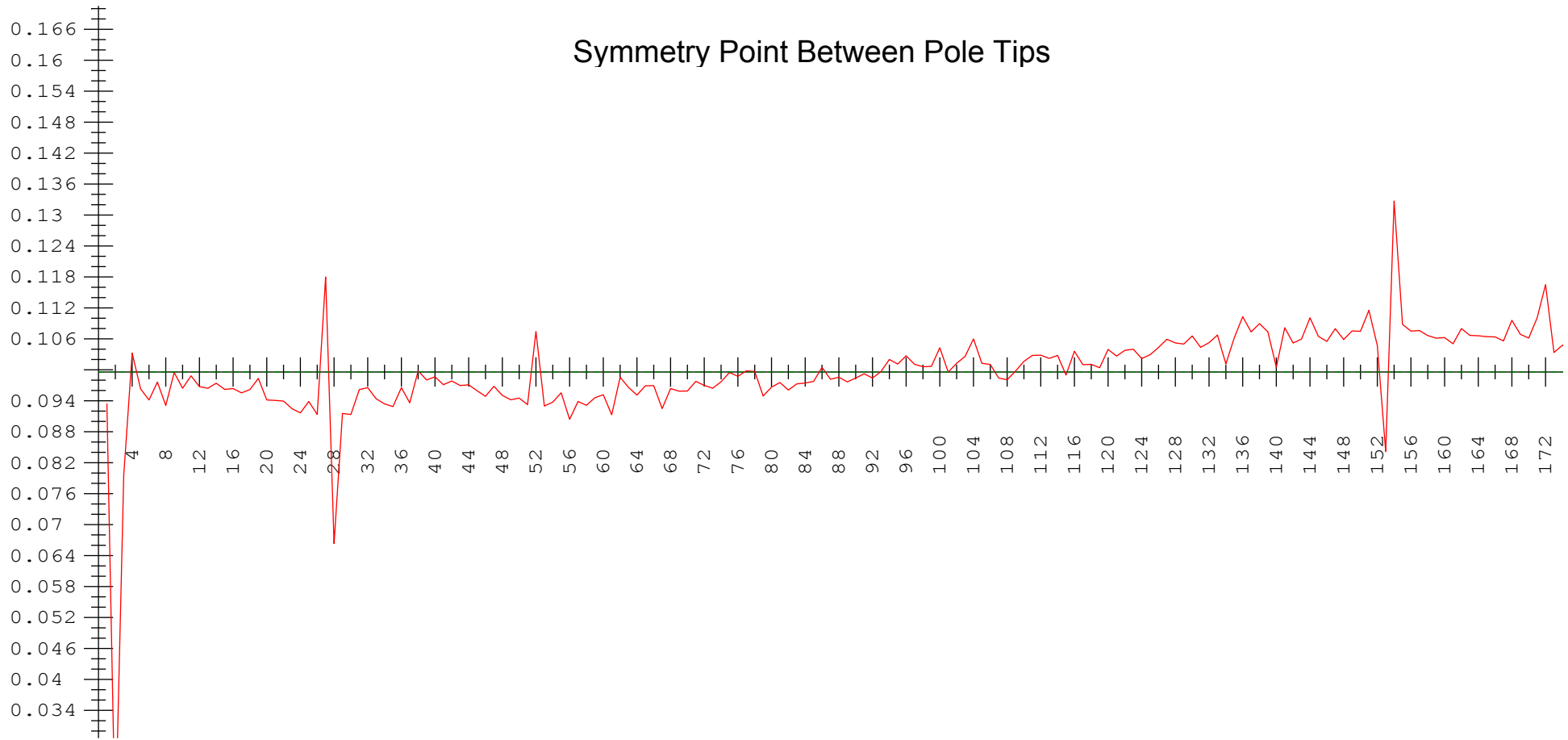


LCLS II - SXR Undulator

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

13-SEP-2018
 S/N = 001
 D/S = 0004
 Run = 16

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0996

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

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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	5.0475	5.0517	5.0624	5.0668
Bottom	-4.8671	-4.8631	-4.8529	-4.8488
Gap	9.9146			9.9155
Taper				0.0010

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0571	-4.8580	9.9151	0.0996

Additional Calculated Values

Bottom Pole #1 Z Value	979.975
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	9.799
Reference Block Gap	6.807

Dimensions in mm



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