

Minimum Effective Gap = 9.706

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

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

26-FEB-2018

S/N = 001

D/S = 0002

Run = 1

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

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

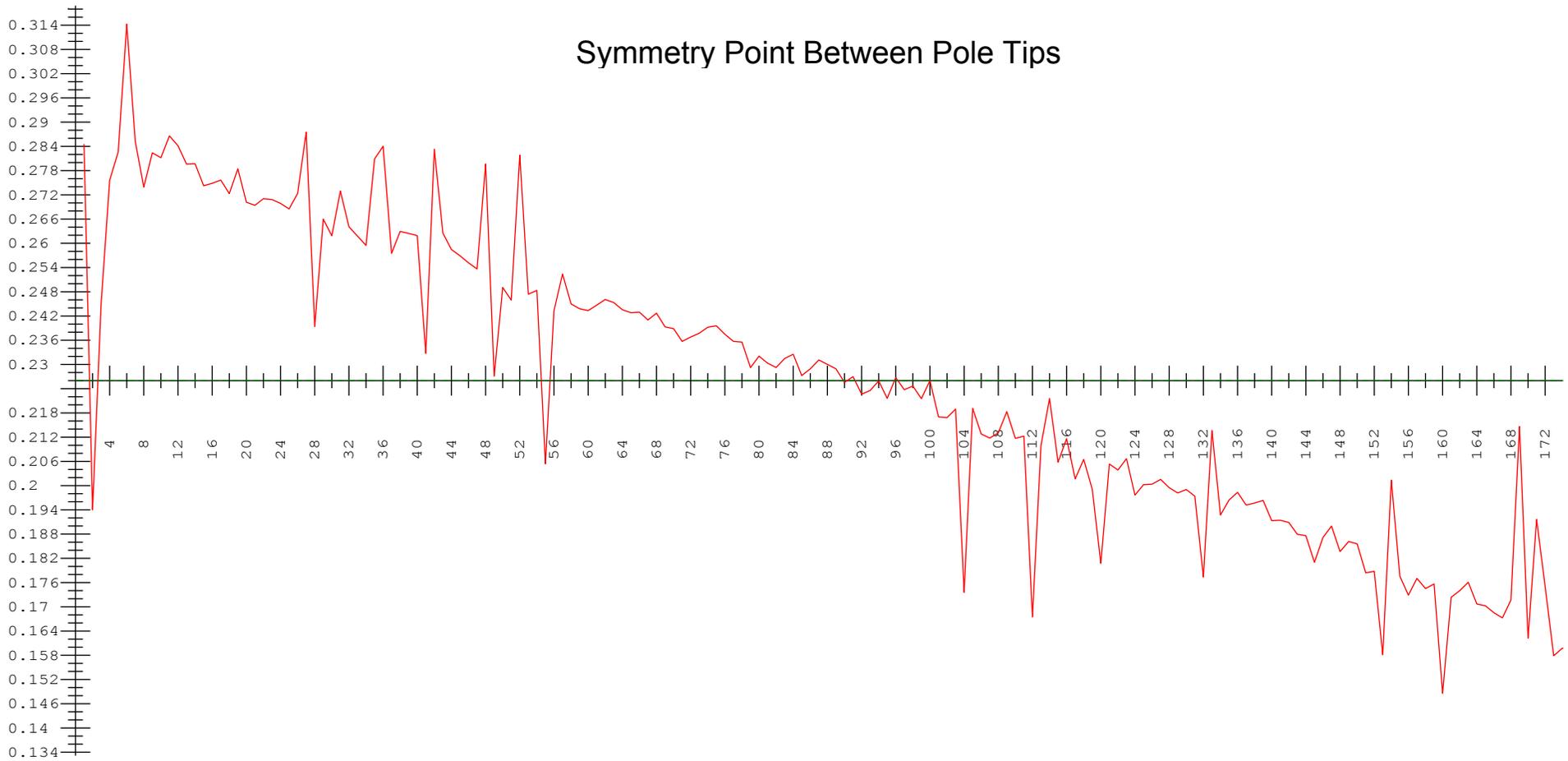
26-FEB-2018

S/N = 001

D/S = 0002

Run = 1

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2260

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	5.2491	5.2214	5.1512	5.1227
Bottom	-4.6805	-4.7039	-4.7633	-4.7874
Gap	9.9296			9.9101
Taper				-0.0194

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1859	-4.7339	9.9199	0.2260

Additional Calculated Values

Bottom Pole #1 Z Value	979.273
Top Jaw Pitch (mrad)	0.037
Bottom Jaw Pitch(mrad)	-0.032
Minimum Effective Gap	9.706
Reference Block Gap	6.810

Dimensions in mm



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