

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



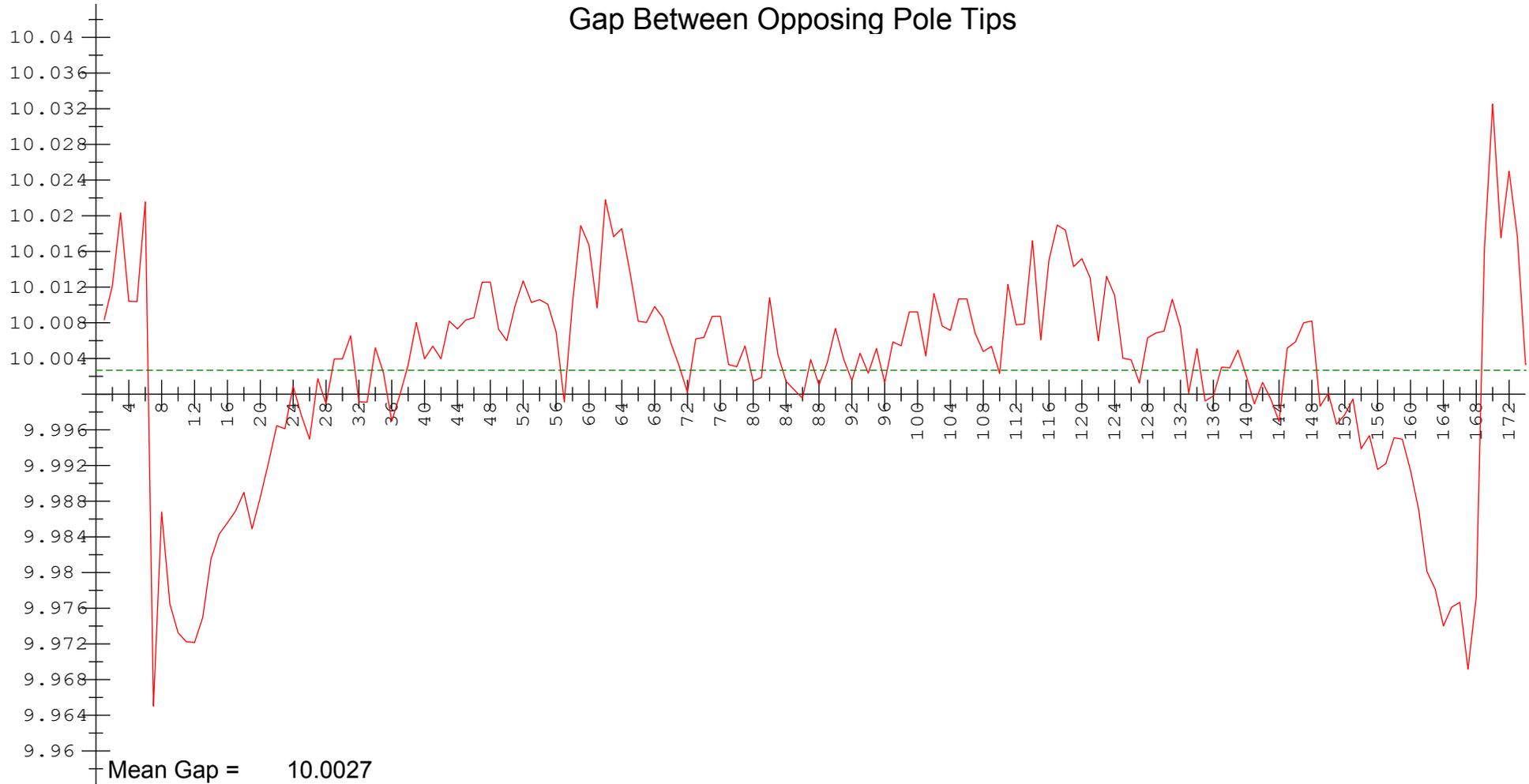
LCLS II - SXR Undulator

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

02-OCT-2018

S/N = 015
 D/S = 0001
 Run = 8

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

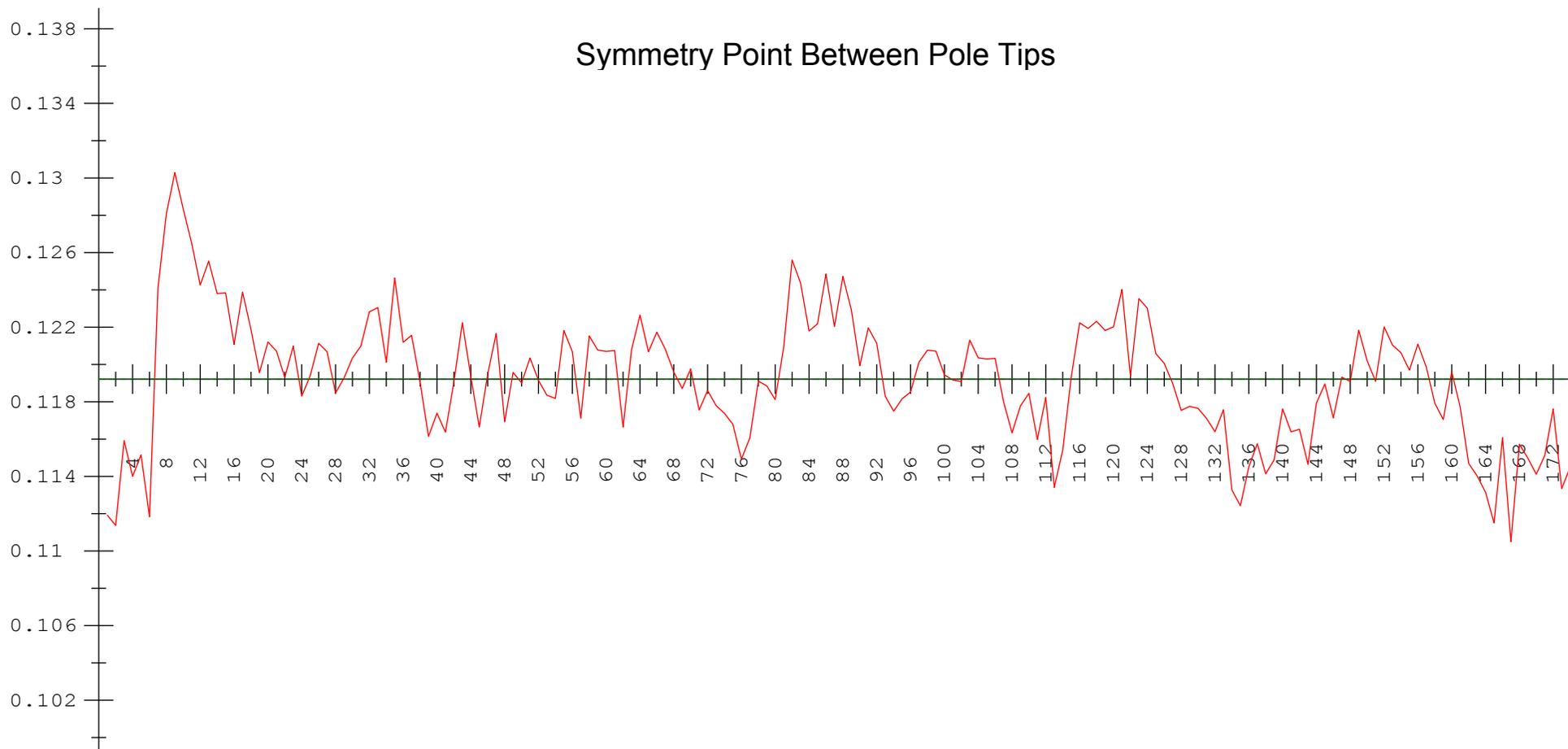
Dimensions in mm



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Mean Symmetry Value = 0.1192

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	5.1221	5.1214	5.1197	5.1190
Bottom	-4.8793	-4.8806	-4.8837	-4.8849
Gap	10.0014			10.0040
Taper				0.0025

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1206	-4.8821	10.0027	0.1192

Additional Calculated Values

Bottom Pole #1 Z Value	980.409
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	-0.002
Minimum Effective Gap	9.953
Reference Block Gap	6.807

Dimensions in mm



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