

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

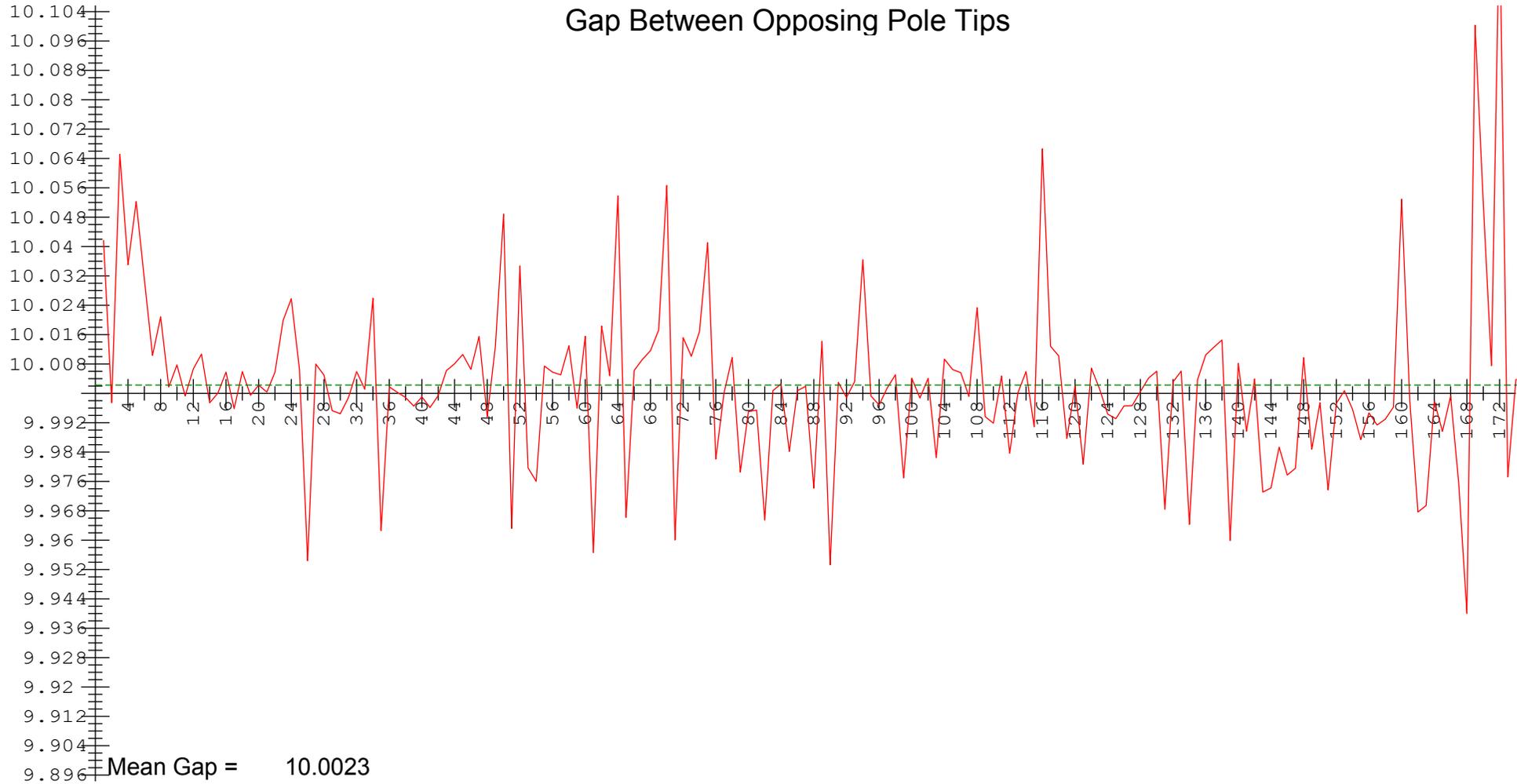
20-JUN-2018

S/N = 011

D/S = 0001

Run = 19

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

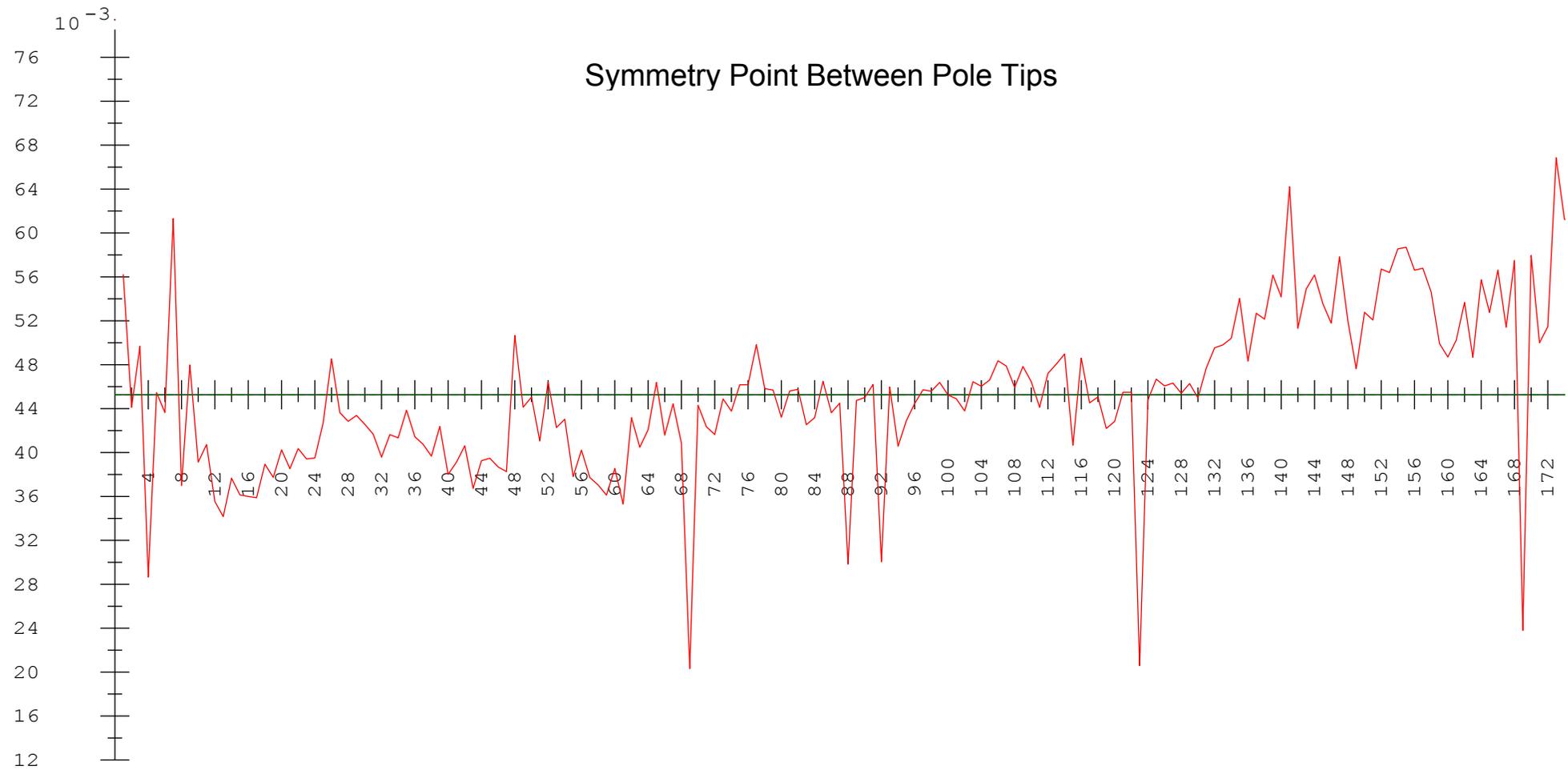
Dimensions in mm



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Mean Symmetry Value = 0.0453

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	5.0419	5.0439	5.0489	5.0509
Bottom	-4.9659	-4.9615	-4.9503	-4.9458
Gap	10.0078			9.9967
Taper				-0.0111

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0464	-4.9559	10.0023	0.0453

Additional Calculated Values

Bottom Pole #1 Z Value	979.711
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.006
Minimum Effective Gap	9.926
Reference Block Gap	6.803

Dimensions in mm



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