

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 = 10.0001 DS Encoder = 10.0000

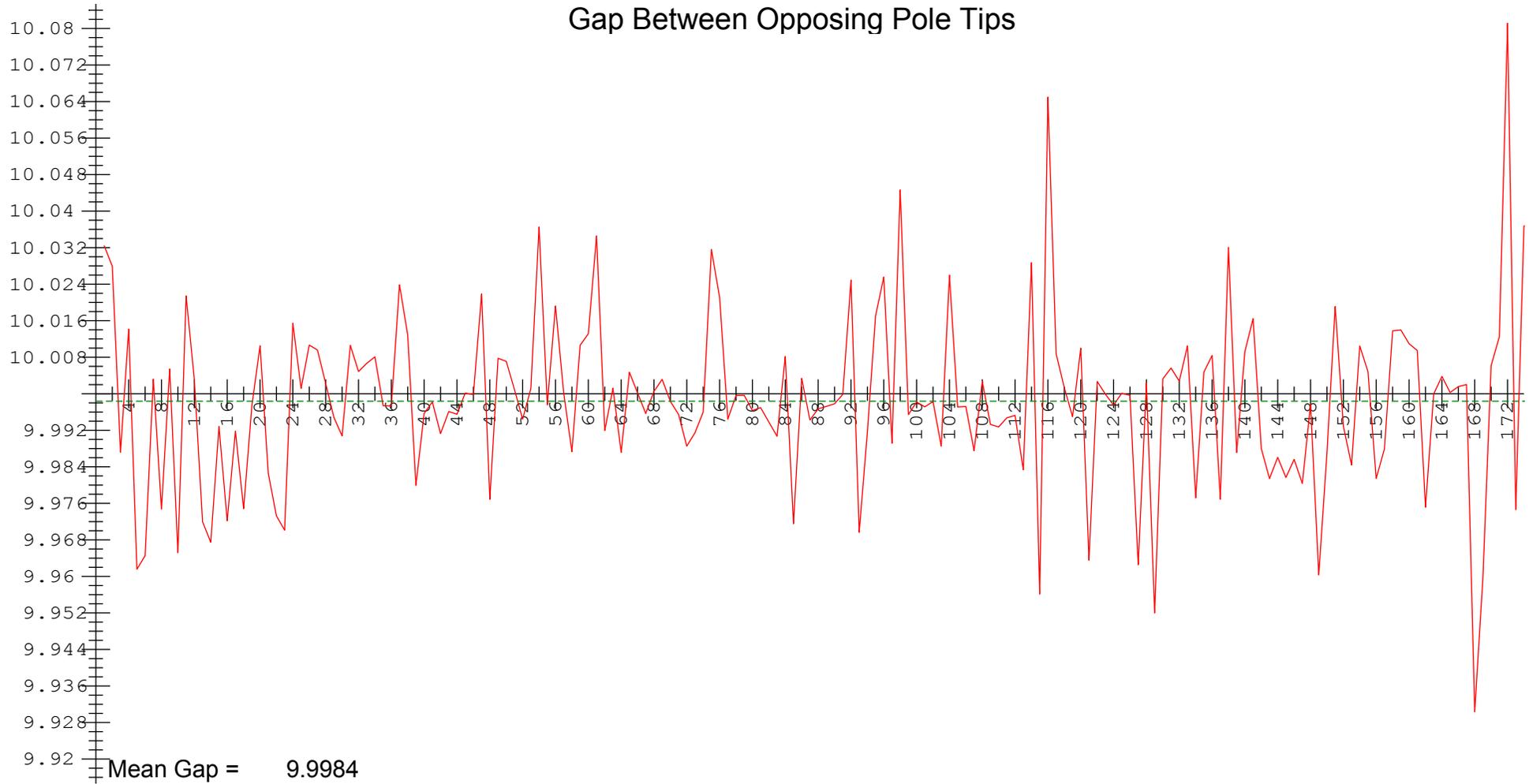
08-MAY-2018

S/N = 009

D/S = 0001

Run = 19

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

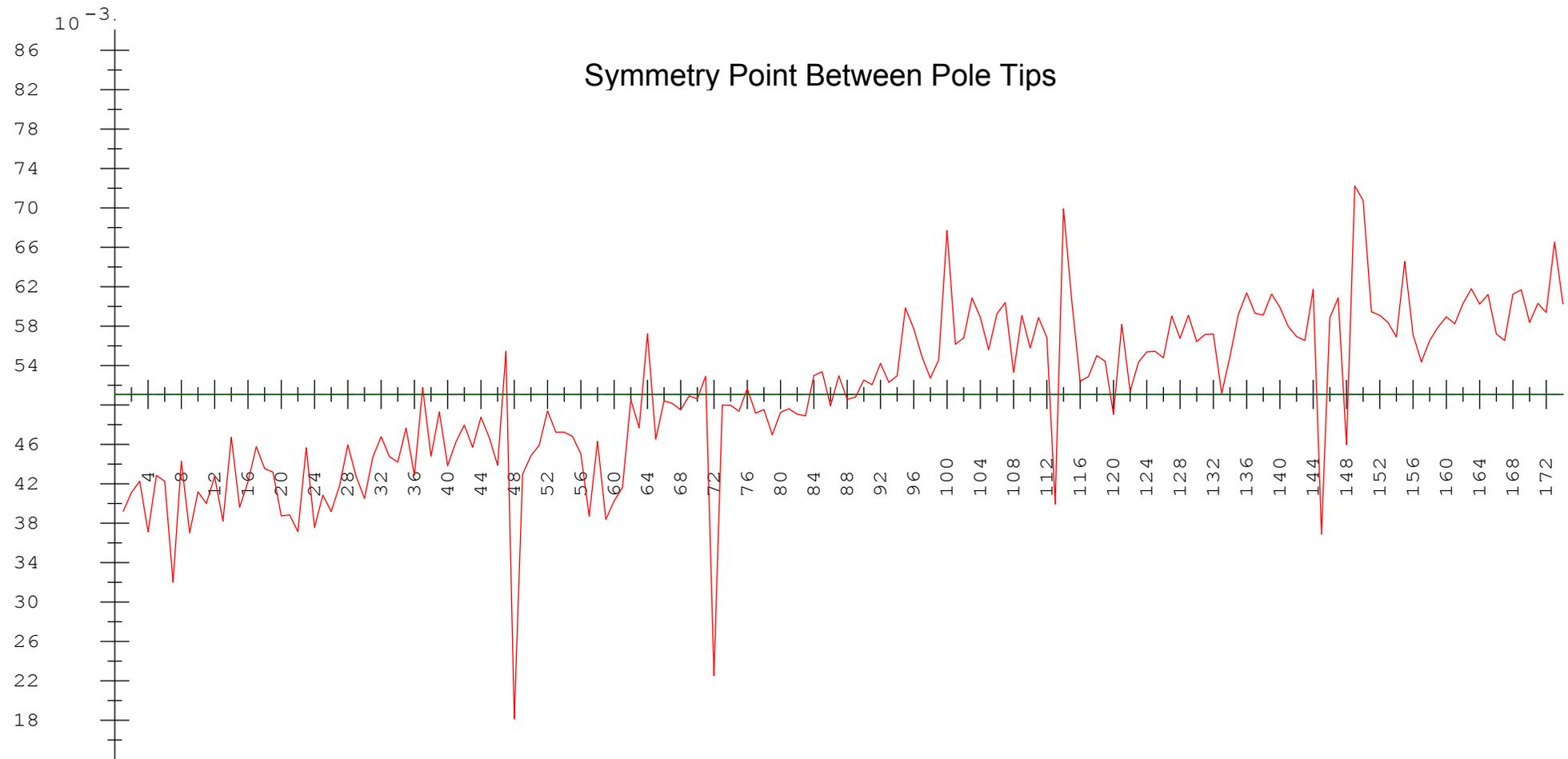
Dimensions in mm



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08-MAY-2018
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Mean Symmetry Value = 0.0511

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	5.0387	5.0438	5.0566	5.0618
Bottom	-4.9593	-4.9544	-4.9420	-4.9369
Gap	9.9980			9.9987
Taper				0.0007

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0503	-4.9481	9.9984	0.0511

Additional Calculated Values

Bottom Pole #1 Z Value	979.386
Top Jaw Pitch (mrad)	0.007
Bottom Jaw Pitch(mrad)	0.007
Minimum Effective Gap	9.911
Reference Block Gap	6.806

Dimensions in mm



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