

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 = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

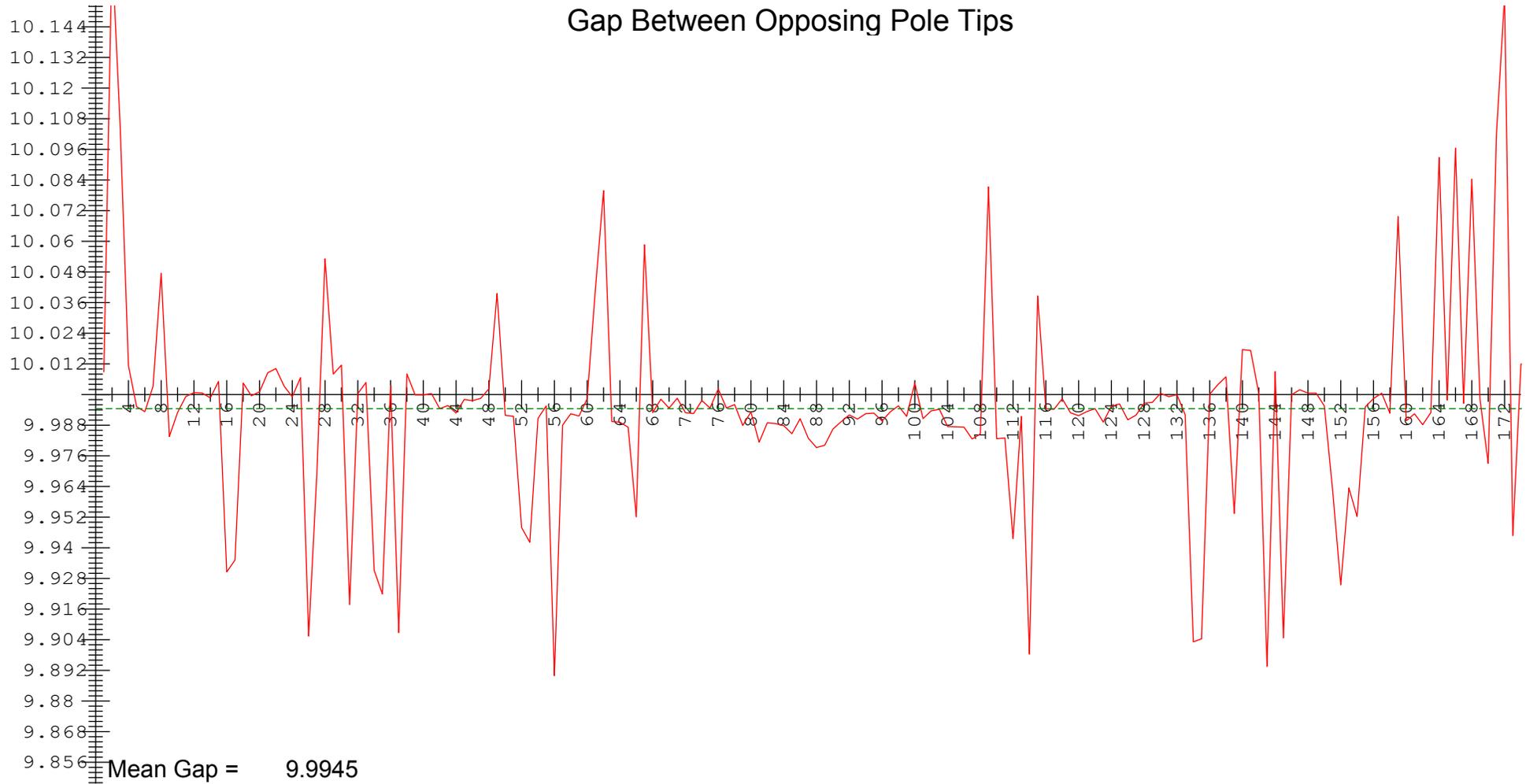
16-SEP-2019

S/N = 001

D/S = 0007

Run = 56

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

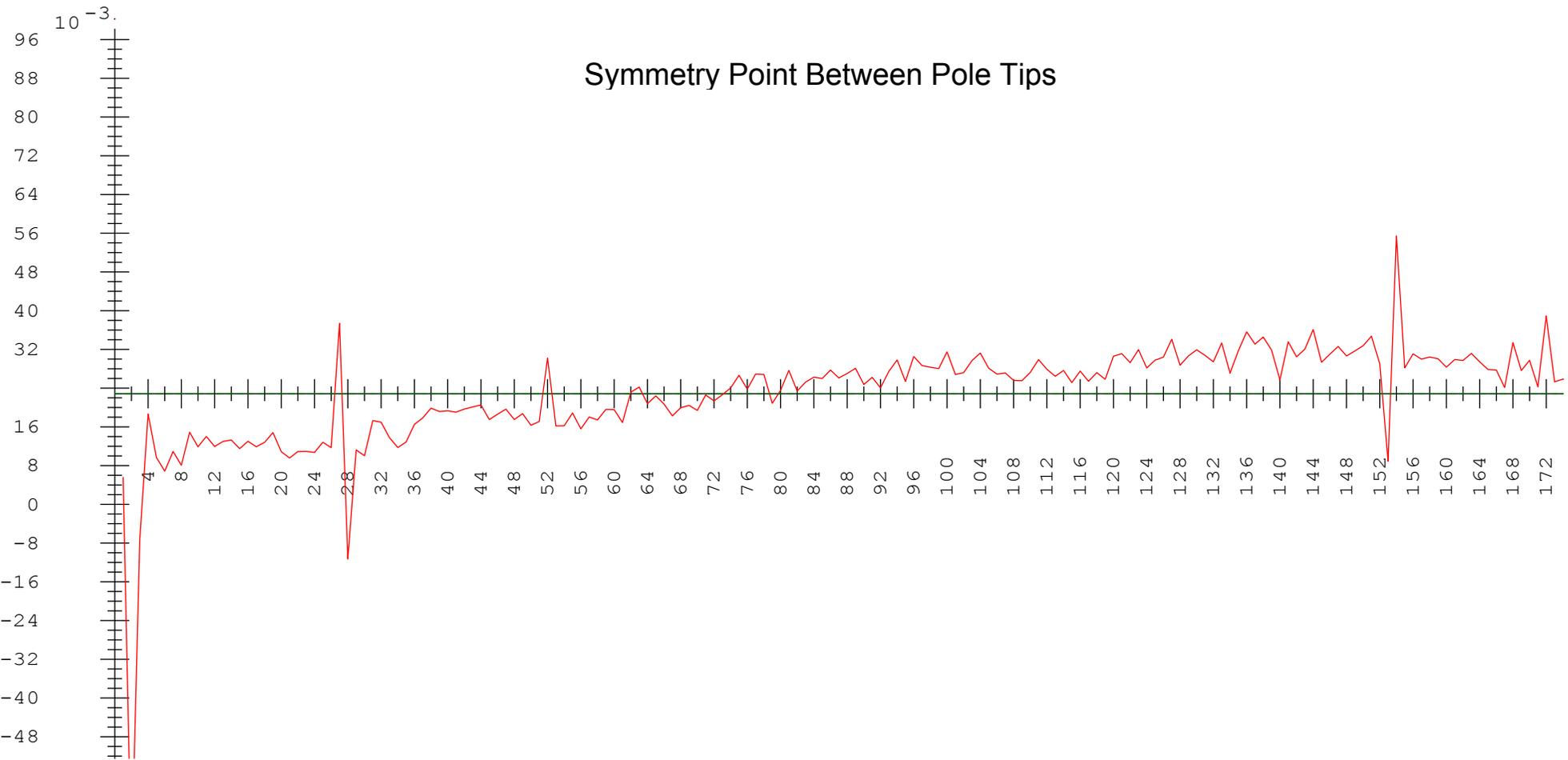
Dimensions in mm



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Mean Symmetry Value = 0.0228

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	5.0065	5.0125	5.0276	5.0337
Bottom	-4.9871	-4.9815	-4.9674	-4.9617
Gap	9.9935			9.9954
Taper				0.0019

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0201	-4.9744	9.9945	0.0228

Additional Calculated Values

Bottom Pole #1 Z Value	980.089
Top Jaw Pitch (mrad)	0.008
Bottom Jaw Pitch(mrad)	0.008
Minimum Effective Gap	9.875
Reference Block Gap	6.799

Dimensions in mm



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