

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm

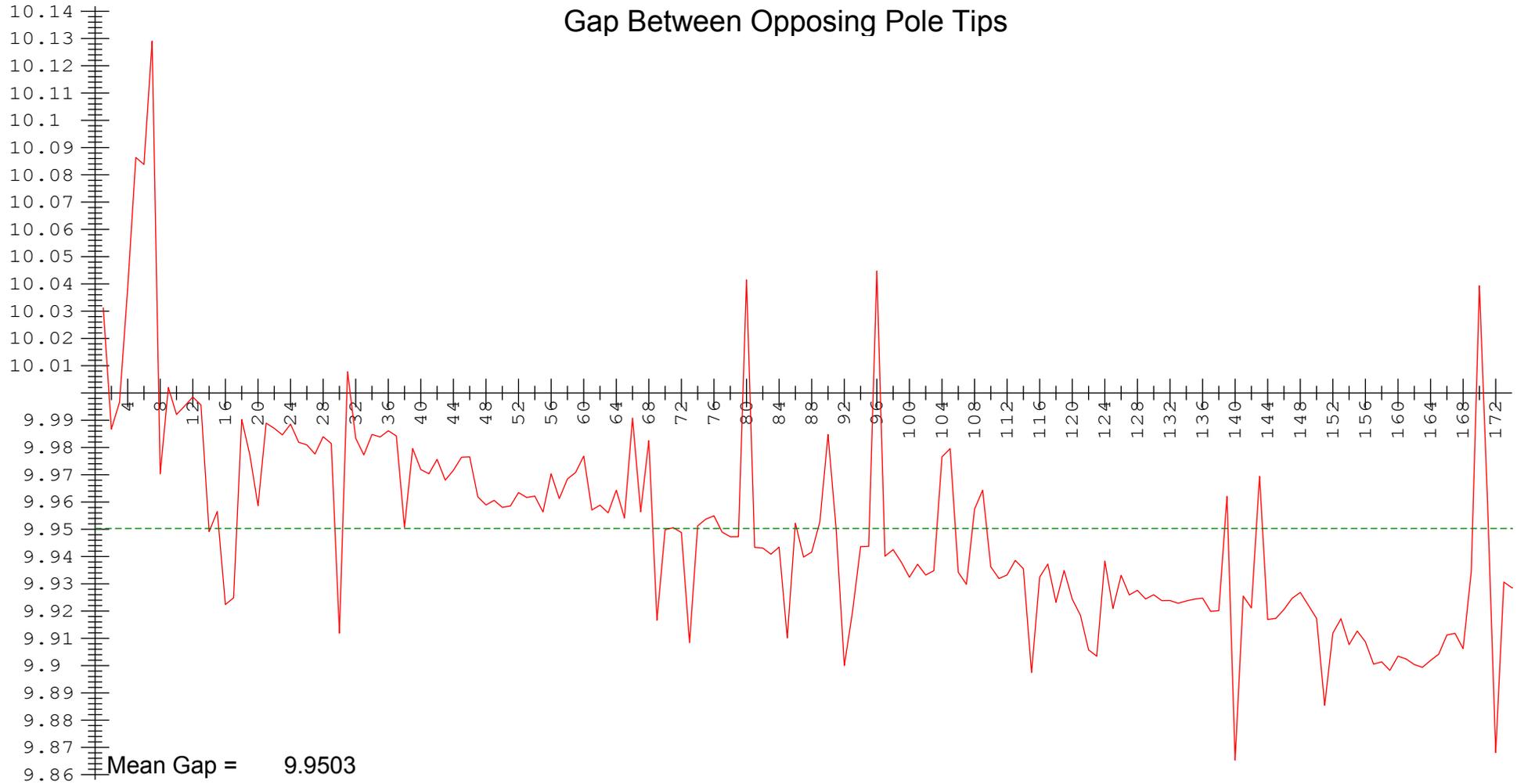


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = -0.1
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

23-MAR-2018
 S/N = 007
 D/S = 0001
 Run = 5

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

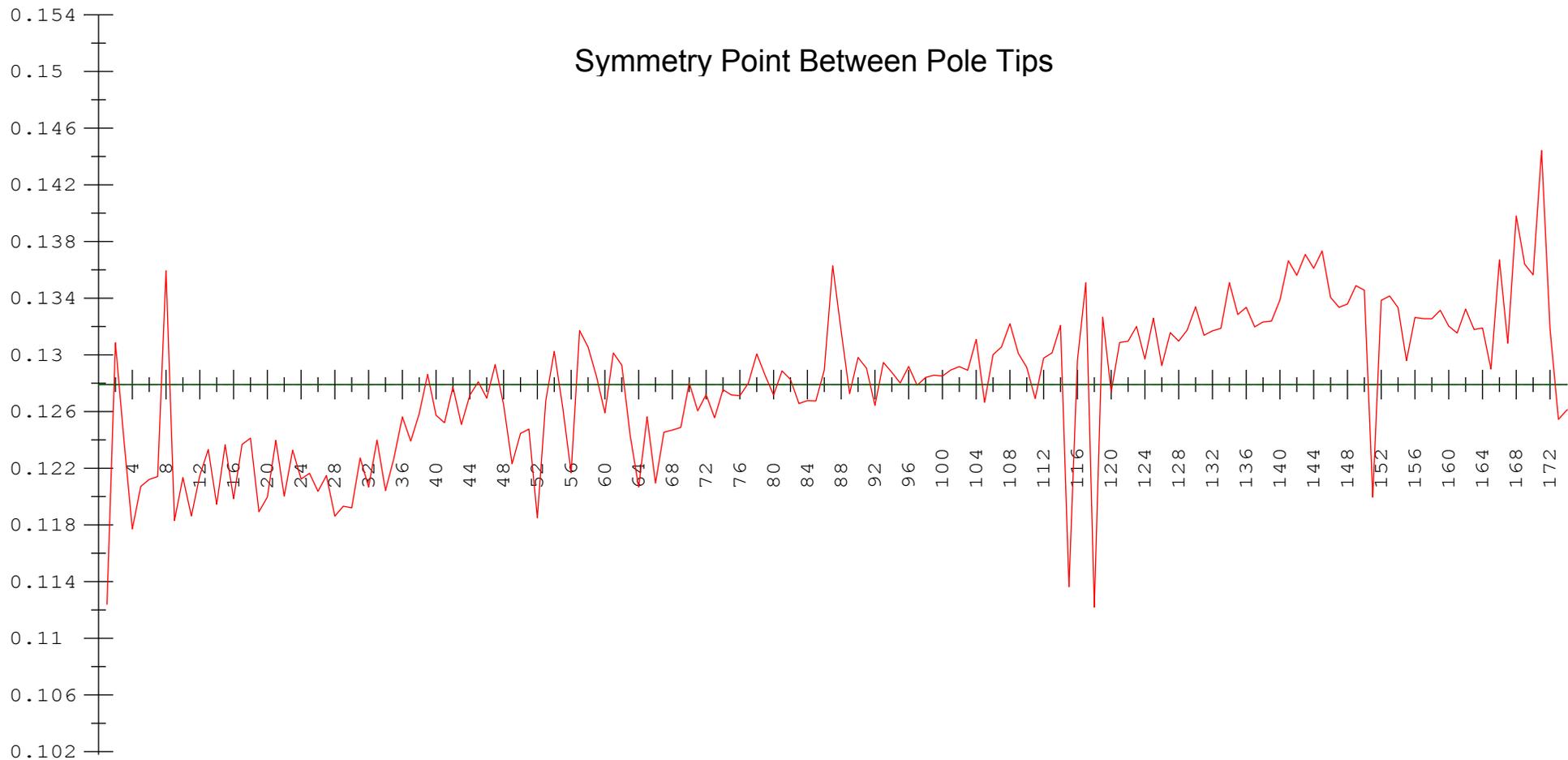
Dimensions in mm



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Mean Symmetry Value = 0.1279

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	5.1194	5.1122	5.0941	5.0867
Bottom	-4.8769	-4.8639	-4.8309	-4.8176
Gap	9.9963			9.9042
Taper				-0.0921

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1030	-4.8472	9.9503	0.1279

Additional Calculated Values

Bottom Pole #1 Z Value	979.160
Top Jaw Pitch (mrad)	-0.010
Bottom Jaw Pitch(mrad)	0.018
Minimum Effective Gap	9.861
Reference Block Gap	6.803

Dimensions in mm



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