

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



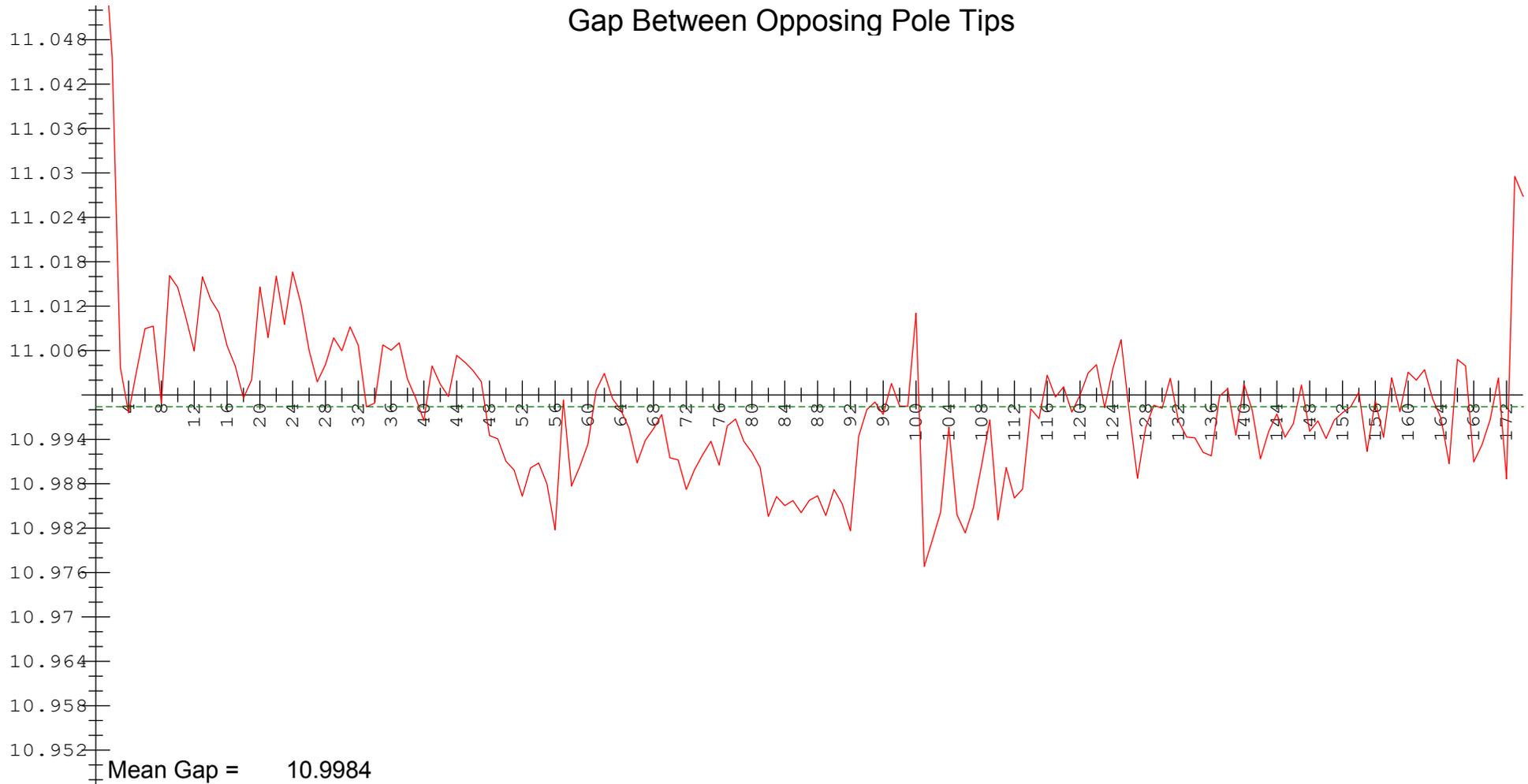
LCLS II - SXR Undulator

Nominal Gap = 11 Nominal Taper = 0

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

29-MAR-2018
S/N = 008
D/S = 0001
Run = 11

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

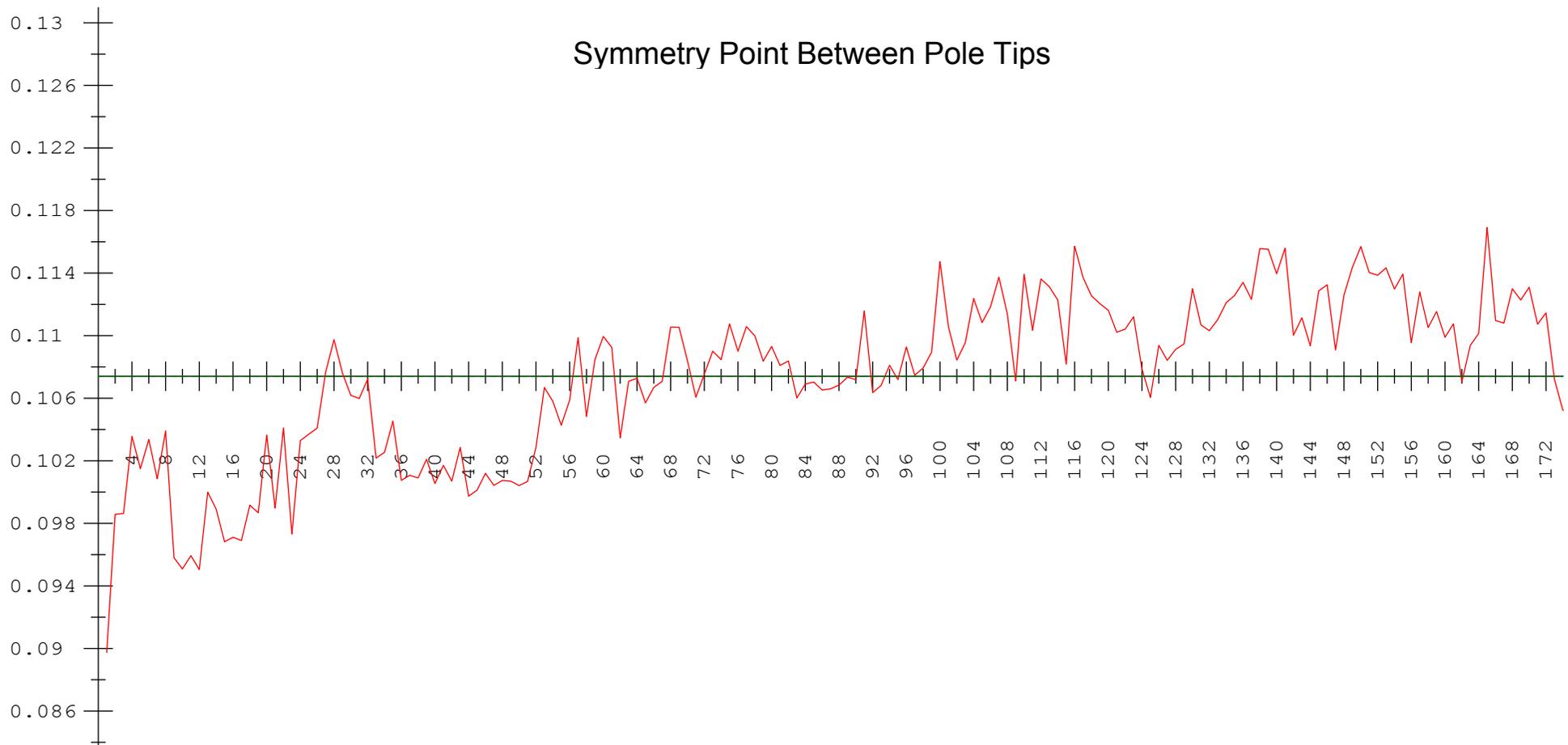
Dimensions in mm



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Mean Symmetry Value = 0.1074

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	5.6022	5.6041	5.6090	5.6110
Bottom	-5.4017	-5.3974	-5.3864	-5.3819
Gap	11.0039			10.9929
Taper				-0.0110

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.6066	-5.3918	10.9984	0.1074

Additional Calculated Values

Bottom Pole #1 Z Value	979.390
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.006
Minimum Effective Gap	10.973
Reference Block Gap	6.803

Dimensions in mm



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