

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 1

Regression Line Through Points =
 Dimensions in mm



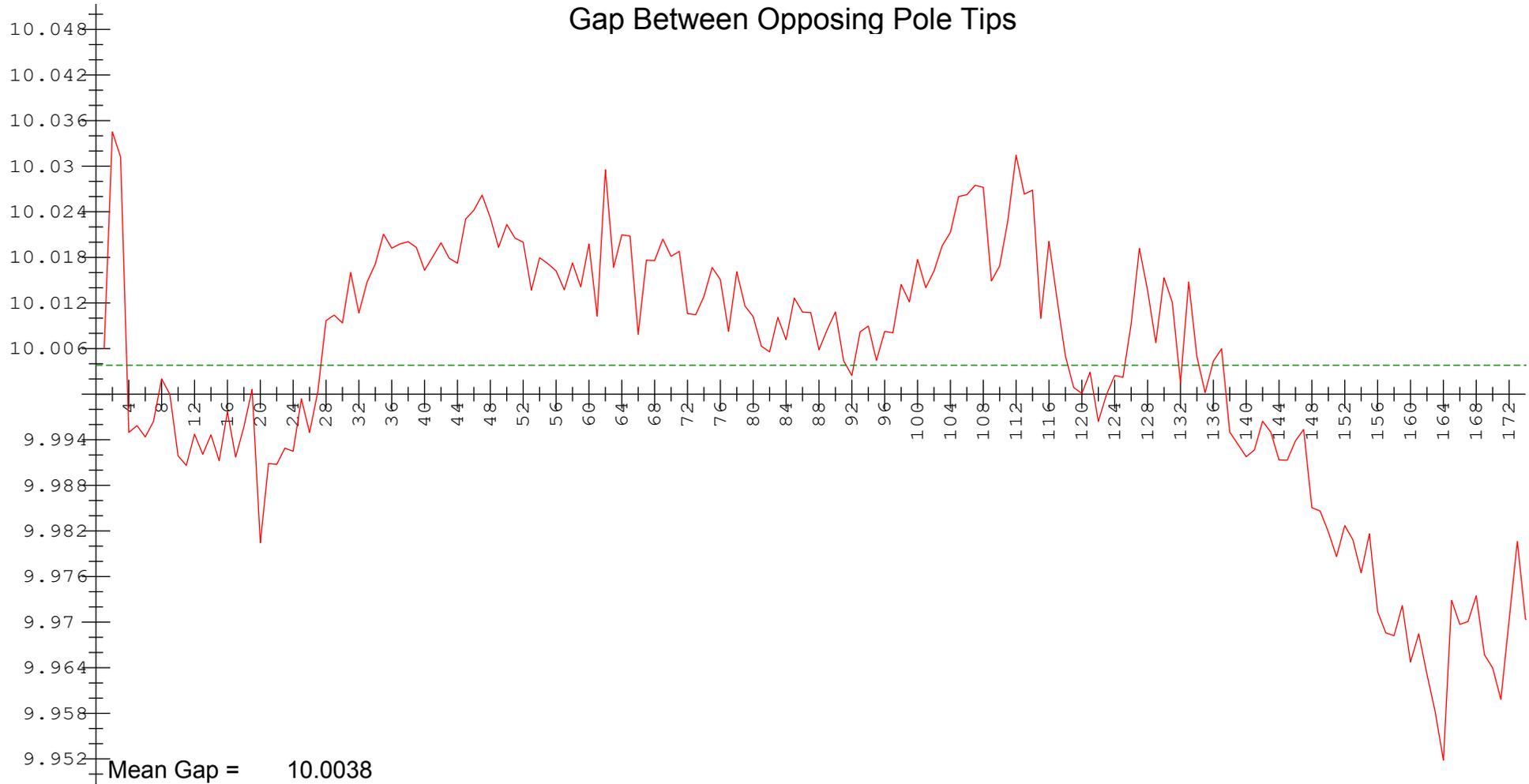
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

22-NOV-2019
 S/N = 021
 D/S = 0001
 Run = 2

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

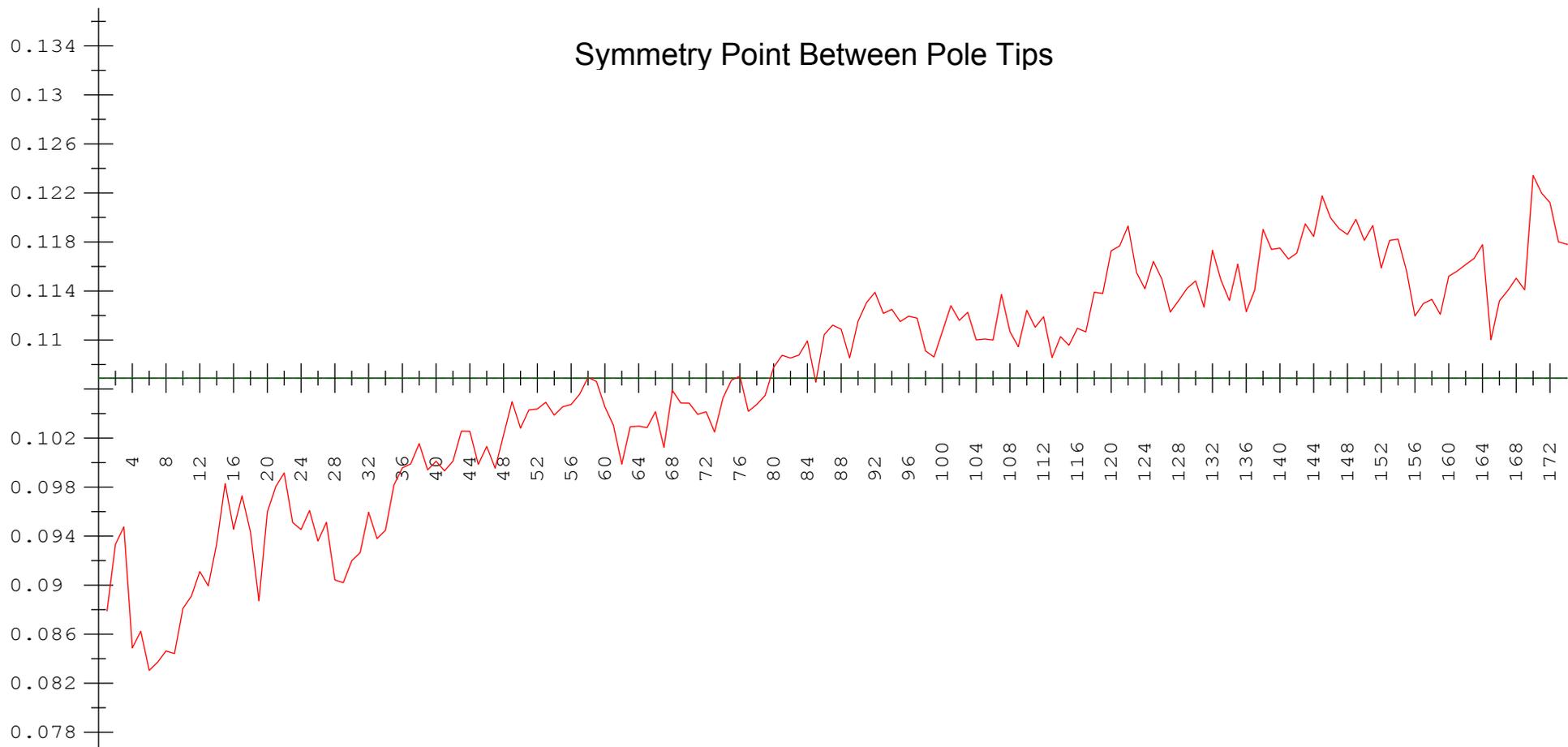
Dimensions in mm



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Mean Symmetry Value = 0.1069

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	5.1011	5.1045	5.1130	5.1164
Bottom	-4.9174	-4.9075	-4.8827	-4.8727
Gap	10.0185			9.9891
Taper				-0.0294

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1088	-4.8950	10.0038	0.1069

Additional Calculated Values

Bottom Pole #1 Z Value	980.155
Top Jaw Pitch (mrad)	0.005
Bottom Jaw Pitch(mrad)	0.013
Minimum Effective Gap	9.938
Reference Block Gap	6.799

Dimensions in mm



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