

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 12 Nominal Taper = 0.000

Gap Reading = 12.0001 US Encoder = 12.0001 DS Encoder = 12.0001

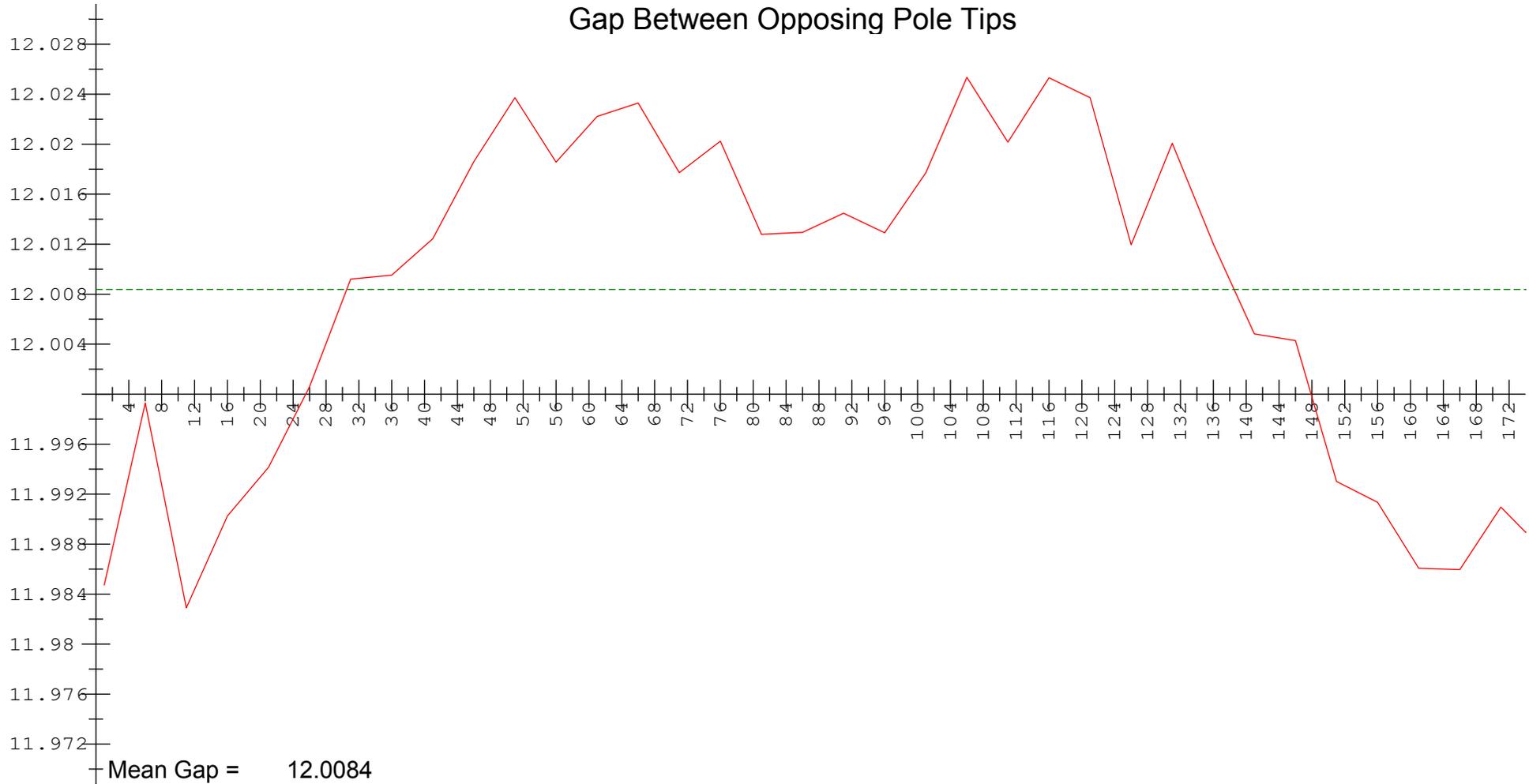
01-OCT-2018

S/N = 015

D/S = 0001

Run = 7

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

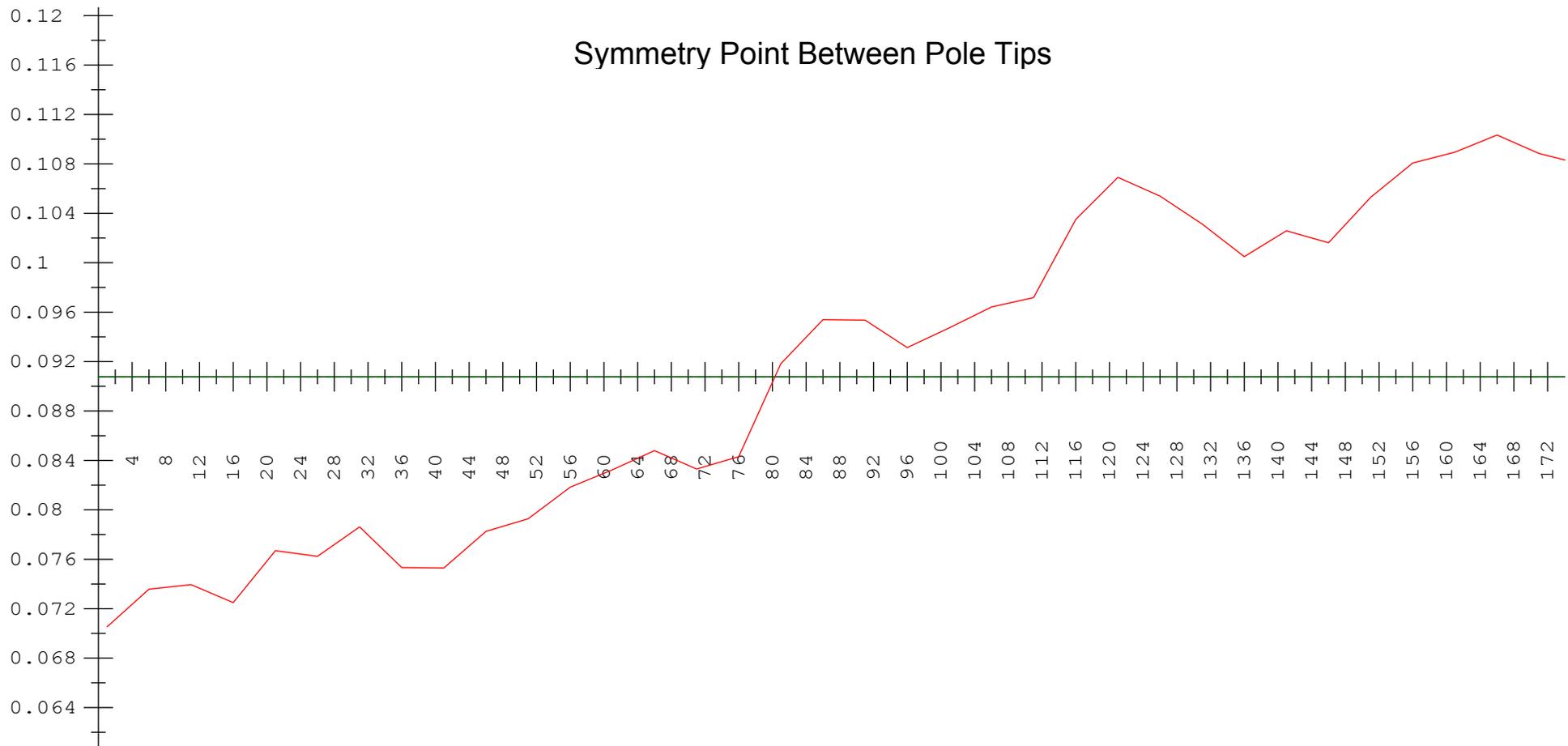
Dimensions in mm



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Mean Symmetry Value = 0.0908

Step Between Measured Pole Tips = 5

Dimensions in mm



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 Gap Reading = 12.0001 US Encoder = 12.0001 DS Encoder = 12.0001

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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	6.0746	6.0835	6.1061	6.1153
Bottom	-5.9347	-5.9251	-5.9009	-5.8911
Gap	12.0093			12.0064
Taper				-0.0029

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.0950	-5.9134	12.0084	0.0908

Additional Calculated Values

Bottom Pole #1 Z Value	980.409
Top Jaw Pitch (mrad)	0.012
Bottom Jaw Pitch(mrad)	0.013
Minimum Effective Gap	11.946
Reference Block Gap	6.807

Dimensions in mm



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