

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 7

Regression Line Through Points = -----
 Dimensions in mm



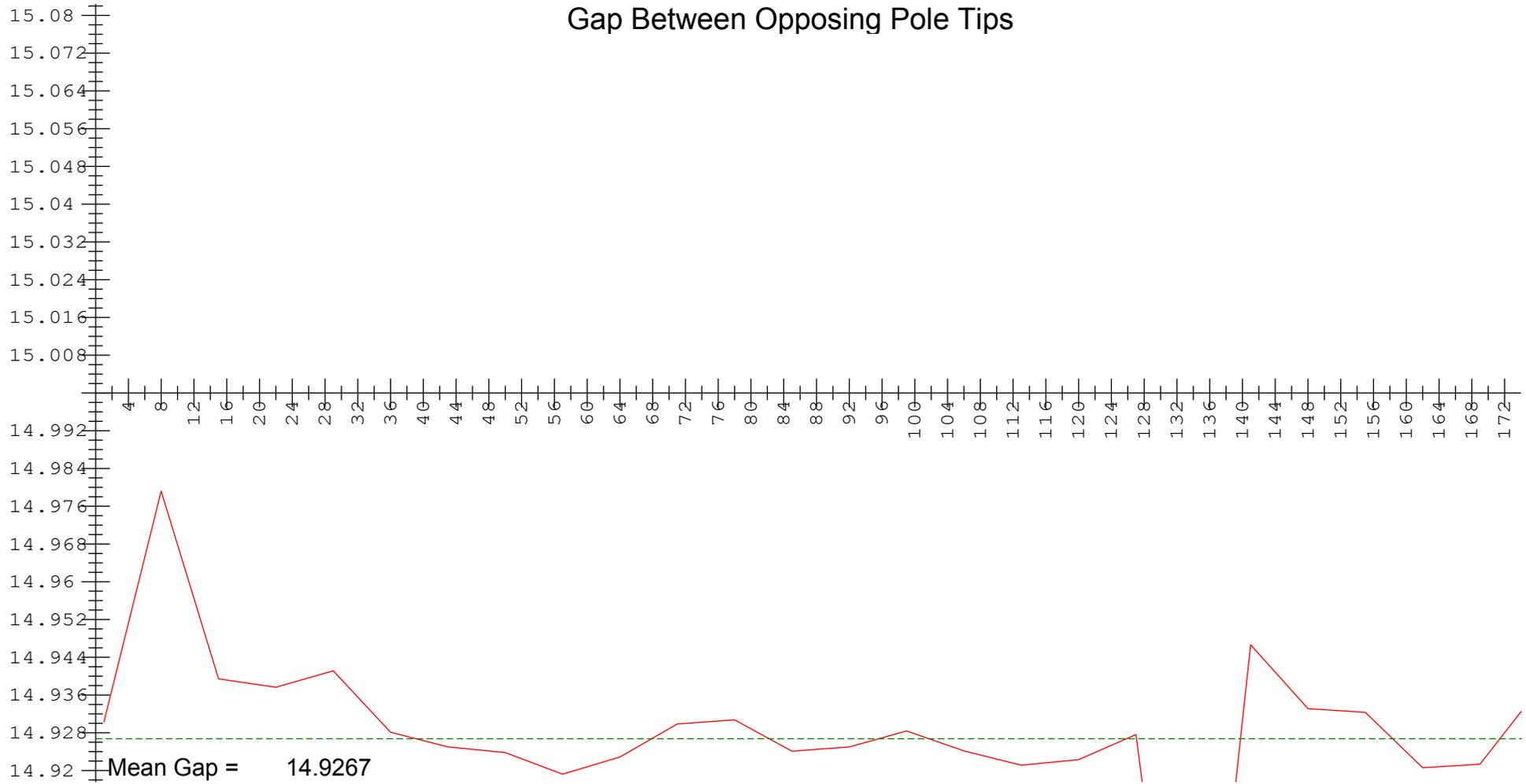
LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000

Gap Reading = 15.0000 US Encoder = 15.0000 DS Encoder = 15.0000

13-SEP-2018
 S/N = 001
 D/S = 0004
 Run = 10

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

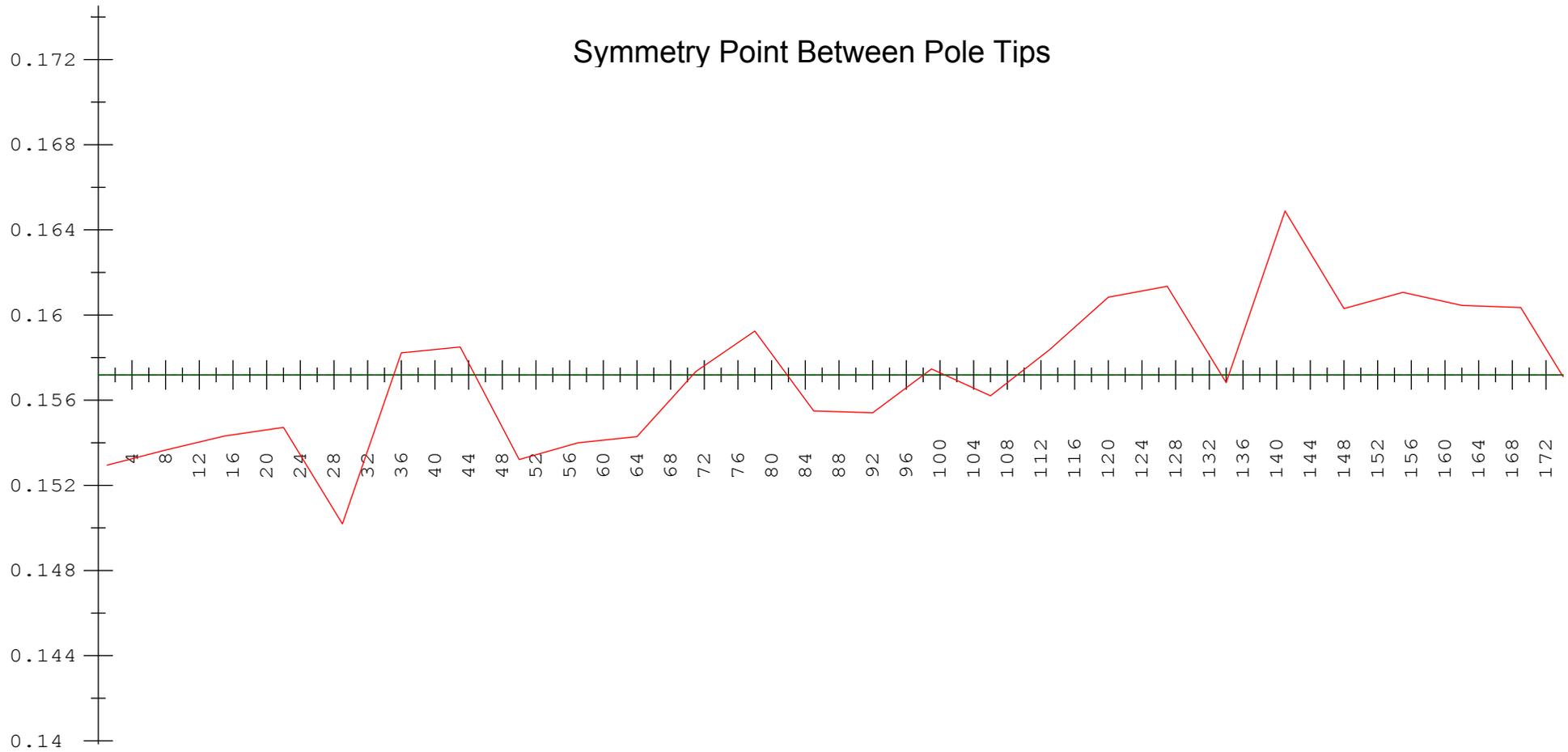


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1572

Step Between Measured Pole Tips = 7

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	7.6227	7.6218	7.6196	7.6187
Bottom	-7.3162	-7.3119	-7.3010	-7.2965
Gap	14.9389			14.9152
Taper				-0.0237

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.6206	-7.3062	14.9267	0.1572

Additional Calculated Values

Bottom Pole #1 Z Value	979.975
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.006
Minimum Effective Gap	14.834
Reference Block Gap	6.807

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