

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points =

Dimensions in mm

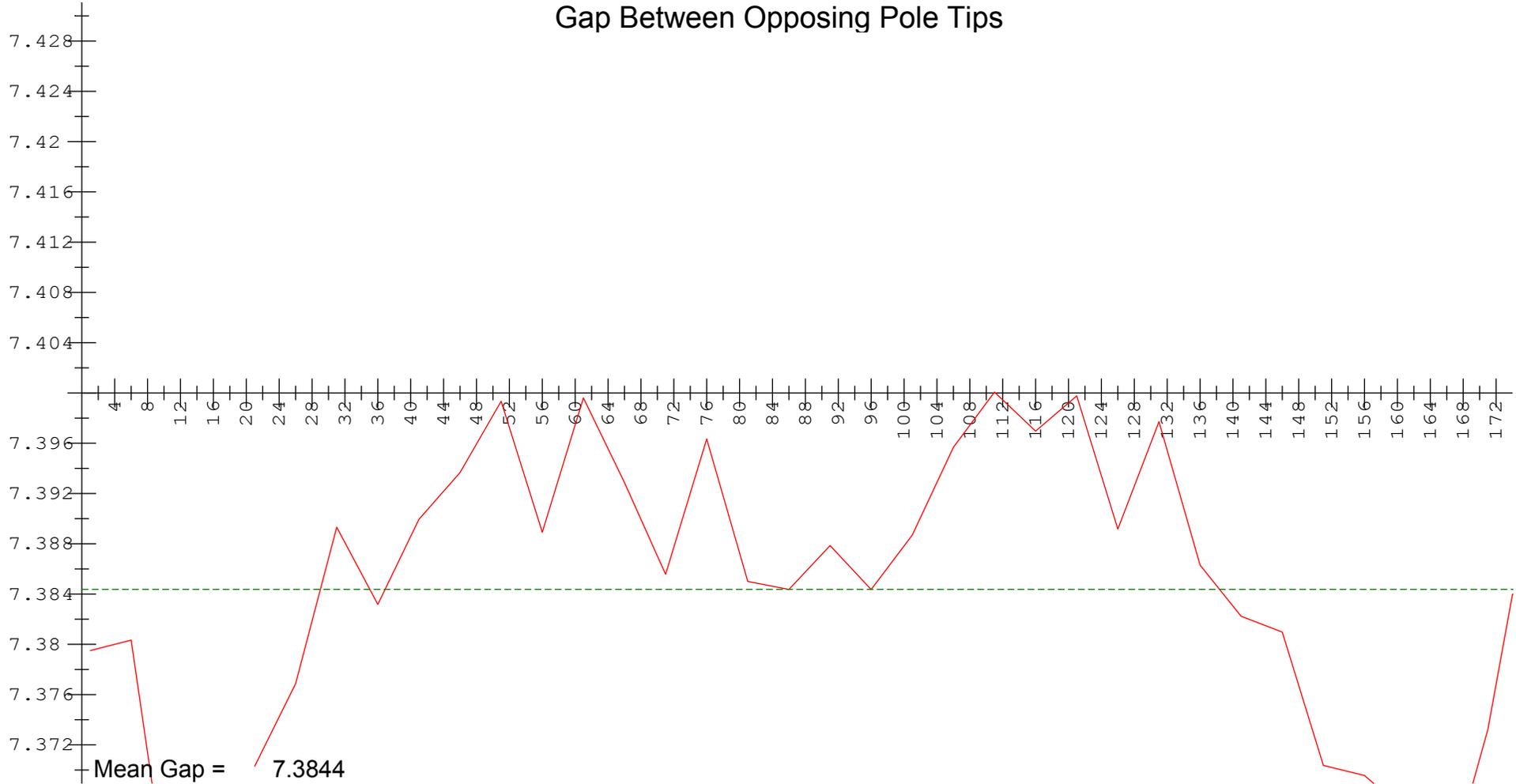


LCLS II - SXR Undulator

Nominal Gap = 7.4 Nominal Taper = 0.000
 Gap Reading = 7.3999 US Encoder = 7.3999 DS Encoder = 7.3999

01-OCT-2018
 S/N = 015
 D/S = 0001
 Run = 2

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

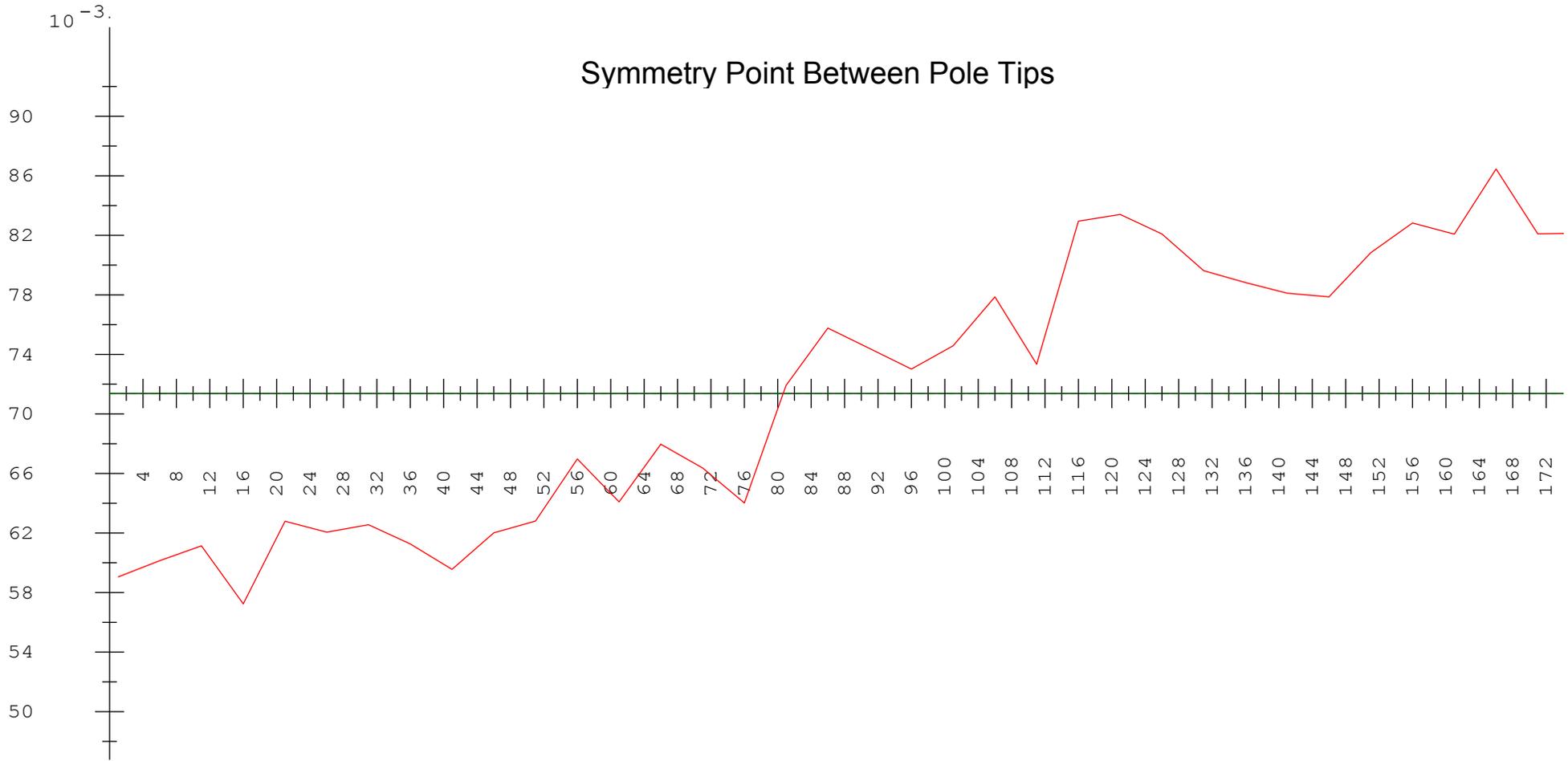


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0714

Step Between Measured Pole Tips = 5

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	3.7500	3.7560	3.7712	3.7774
Bottom	-3.6352	-3.6288	-3.6127	-3.6062
Gap	7.3852			7.3836
Taper				-0.0016

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.7636	-3.6208	7.3844	0.0714

Additional Calculated Values

Bottom Pole #1 Z Value	980.409
Top Jaw Pitch (mrad)	0.008
Bottom Jaw Pitch(mrad)	0.009
Minimum Effective Gap	7.334
Reference Block Gap	6.807

Dimensions in mm



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