

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points = -----

Dimensions in mm

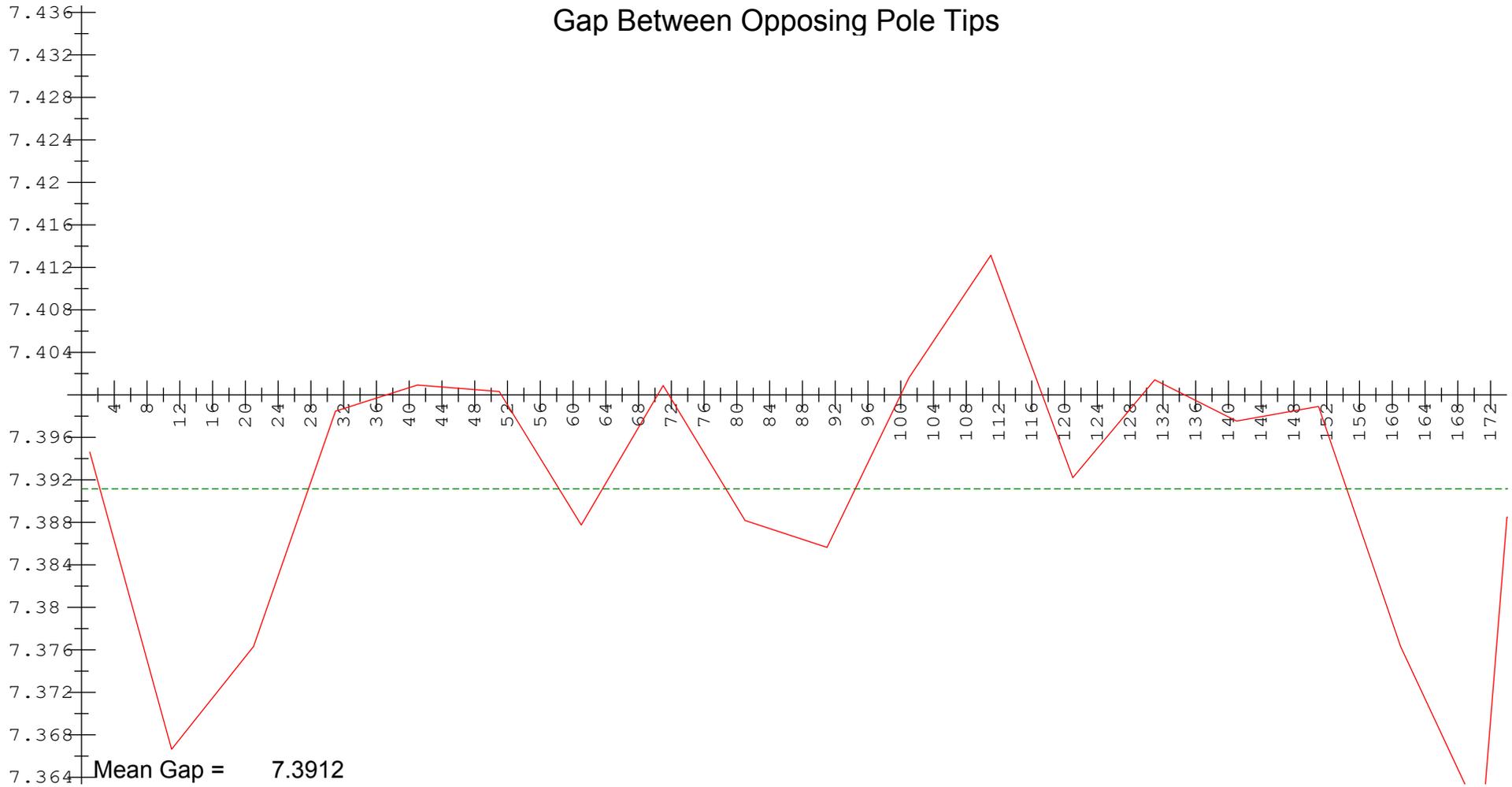


LCLS II - SXR Undulator

Nominal Gap = 7.4 Nominal Taper = 0.000
 Gap Reading = 7.3998 US Encoder = 0.0074 DS Encoder = 0.0074

22-NOV-2019
 S/N = 021
 D/S = 0001
 Run = 4

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

Dimensions in mm

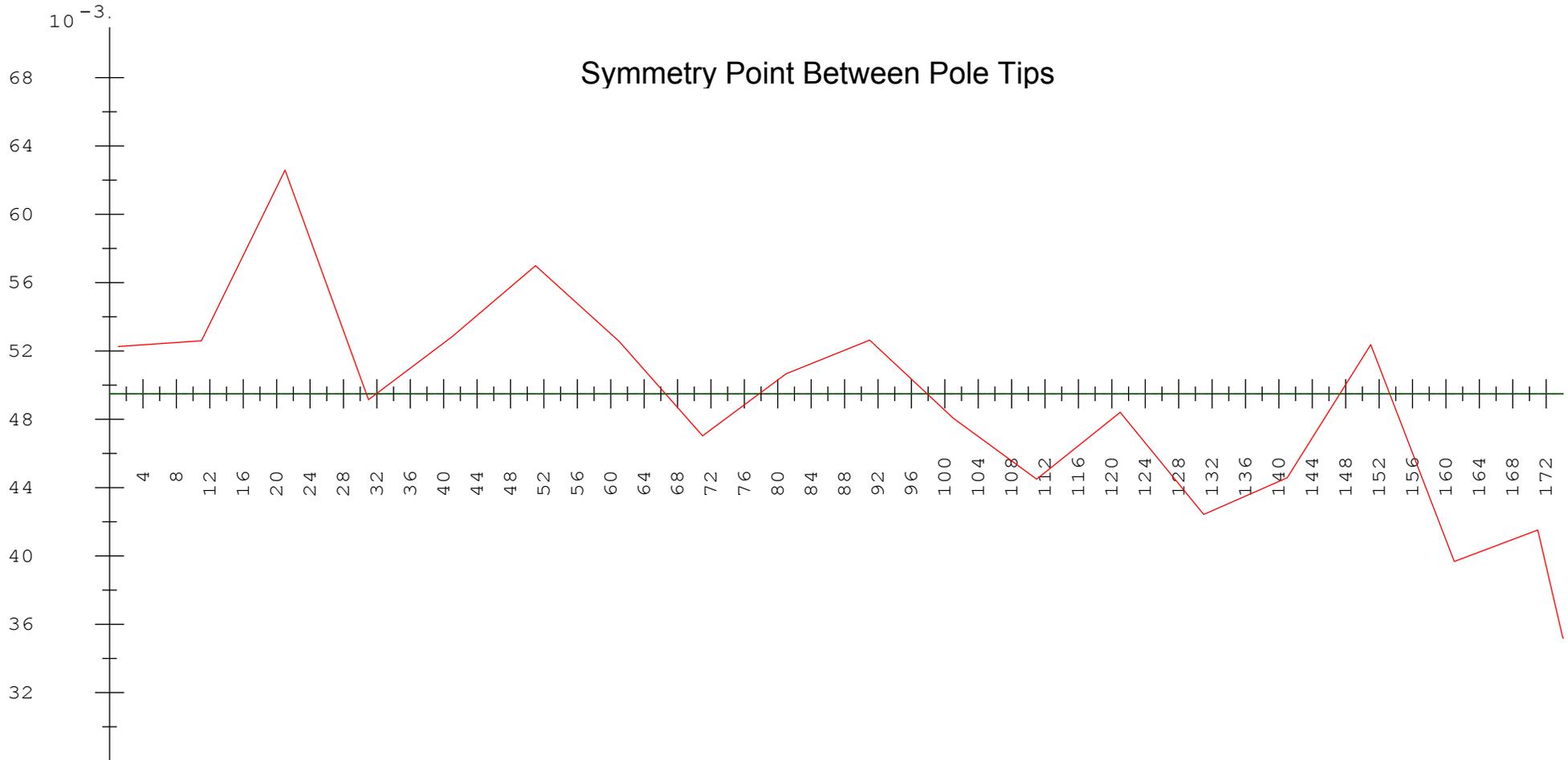


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0495

Step Between Measured Pole Tips = 10

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	3.7527	3.7491	3.7401	3.7364
Bottom	-3.6394	-3.6425	-3.6504	-3.6536
Gap	7.3921			7.3900
Taper				-0.0021

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.7451	-3.6461	7.3912	0.0495

Additional Calculated Values

Bottom Pole #1 Z Value	980.155
Top Jaw Pitch (mrad)	-0.005
Bottom Jaw Pitch(mrad)	-0.004
Minimum Effective Gap	7.347
Reference Block Gap	6.799

Dimensions in mm



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