

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 87

Regression Line Through Points = -----

Dimensions in mm

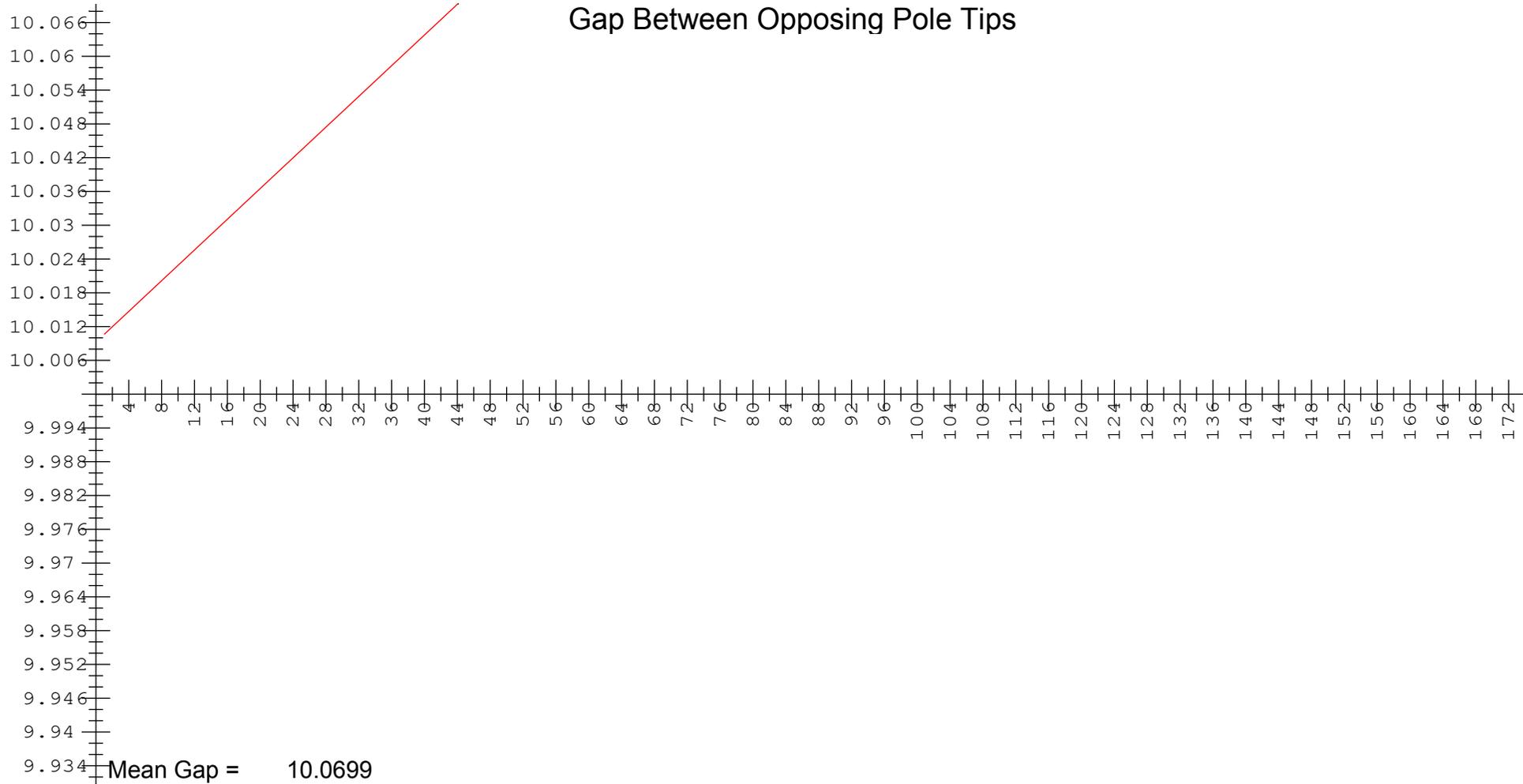


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

13-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 53

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 87

Dimensions in mm

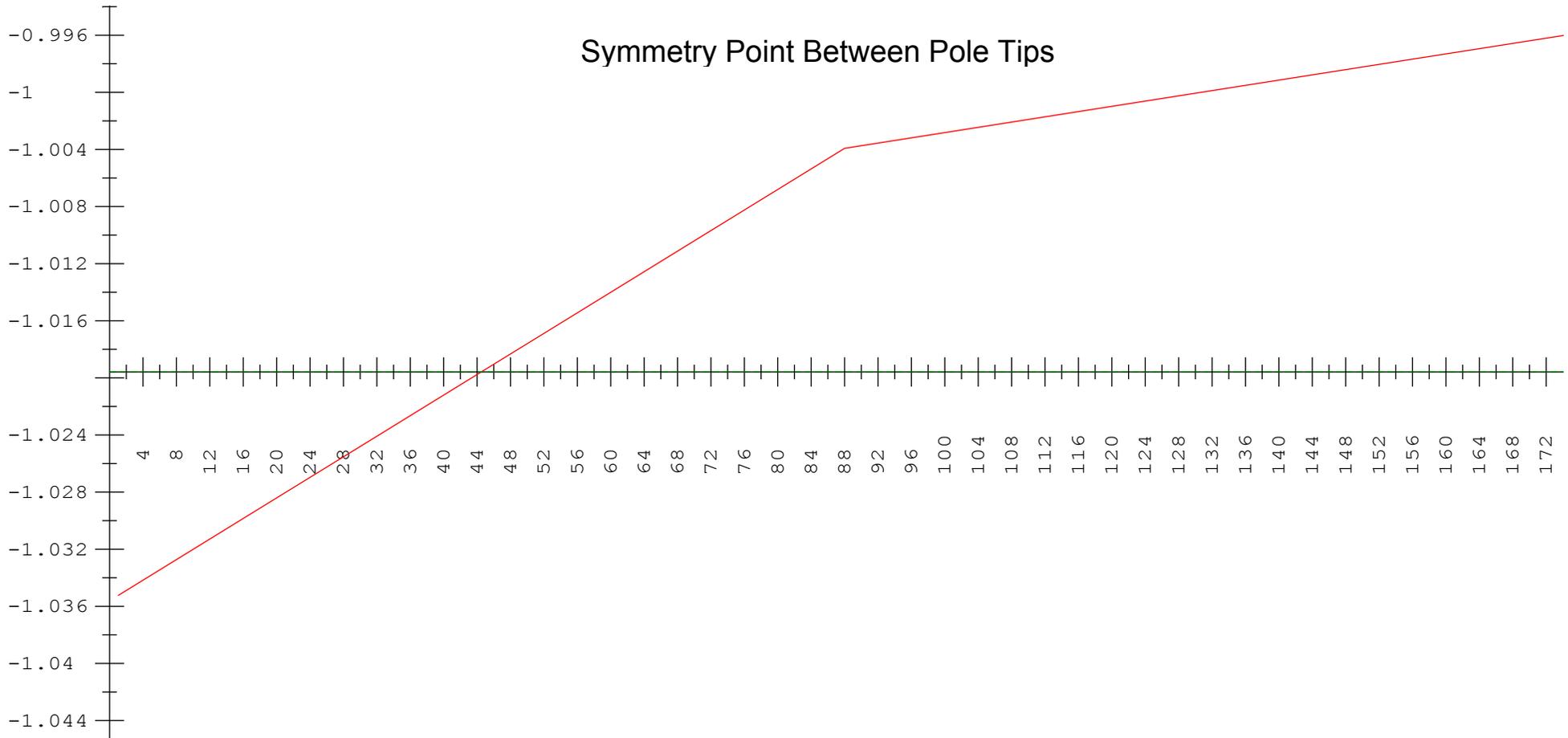


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -1.0196

Step Between Measured Pole Tips = 87

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	3.9690	4.0100	4.1136	4.1557
Bottom	-6.0318	-6.0555	-6.1156	-6.1400
Gap	10.0008			10.2957
Taper				0.2949

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.0154	-6.0545	10.0699	-1.0196

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.055
Bottom Jaw Pitch(mrad)	-0.032
Minimum Effective Gap	10.011
Reference Block Gap	6.801

Dimensions in mm



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