

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 87

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



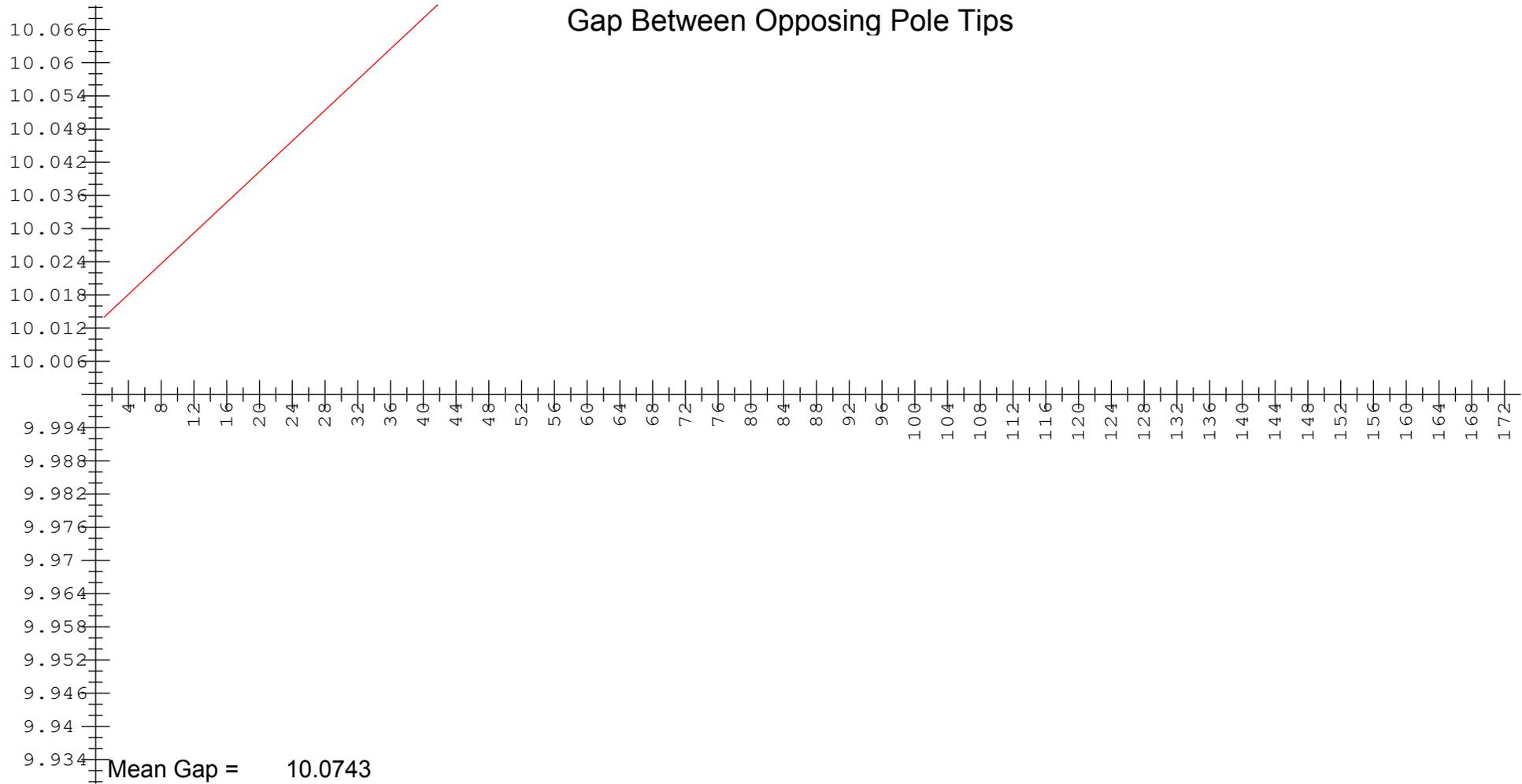
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 48

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 87

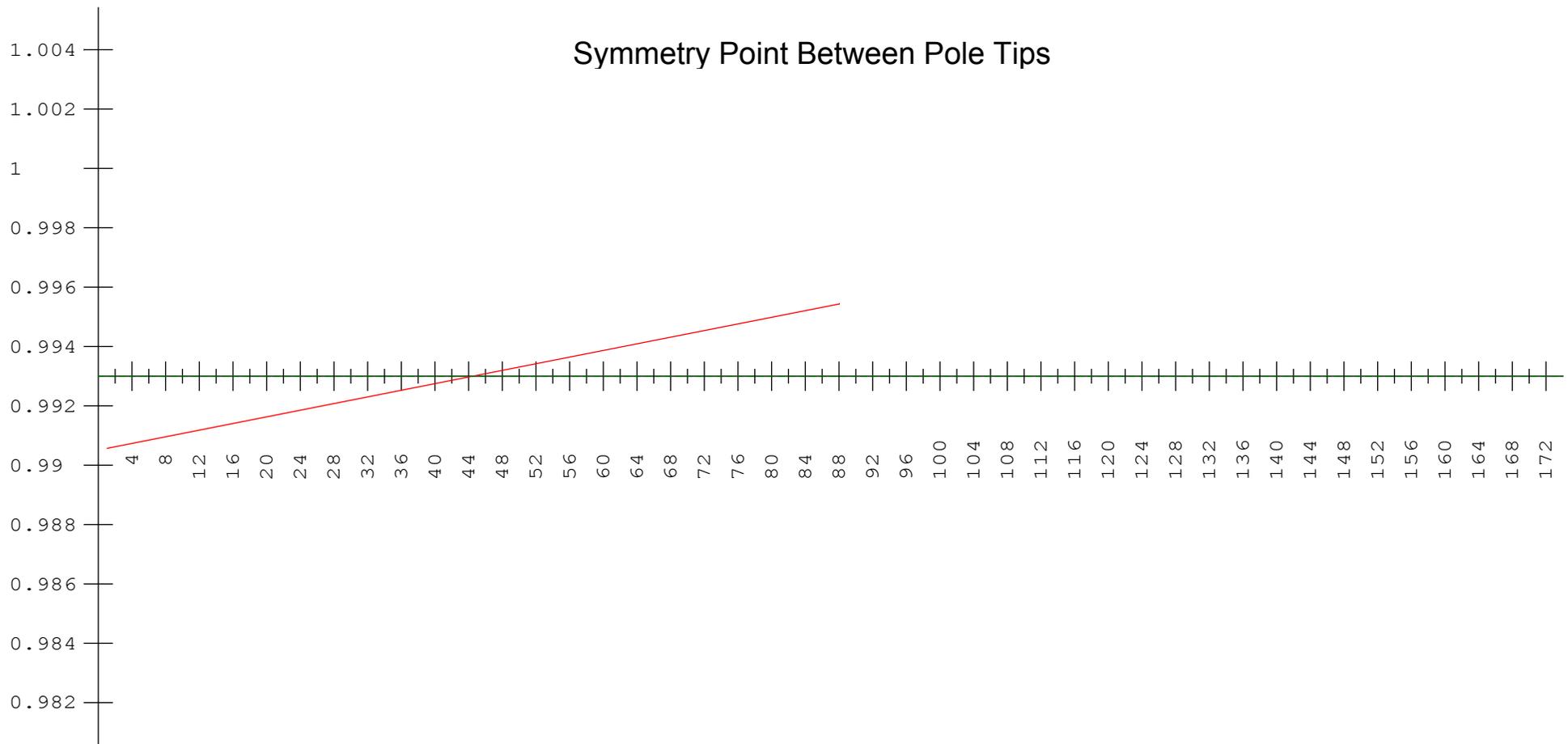
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Mean Symmetry Value = 0.9930

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	5.9963	6.0264	6.1024	6.1333
Bottom	-4.0085	-4.0431	-4.1306	-4.1662
Gap	10.0048			10.2994
Taper				0.2946

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.0301	-4.0441	10.0743	0.9930

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.041
Bottom Jaw Pitch(mrad)	-0.047
Minimum Effective Gap	10.014
Reference Block Gap	6.801

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