

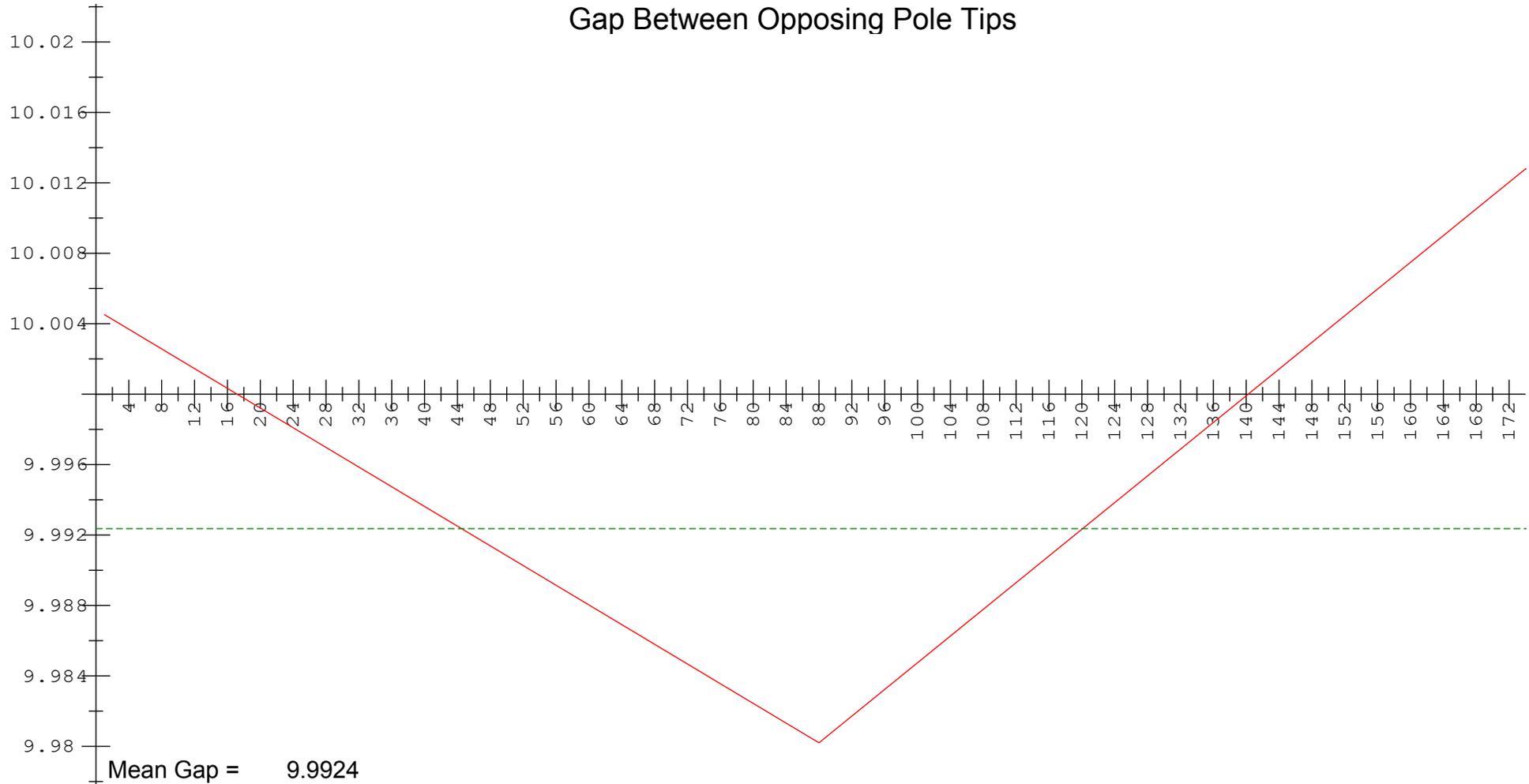
Minimum Effective Gap = 9.976

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

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

	LCLS II - SXR Undulator		12-AUG-2019
	Nominal Gap = 10		S/N = 001
	Nominal Taper = 0.000		D/S = 0007
Gap Reading = 0.0000	US Encoder = 0.0000	DS Encoder = 0.0000	Run = 49

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 87

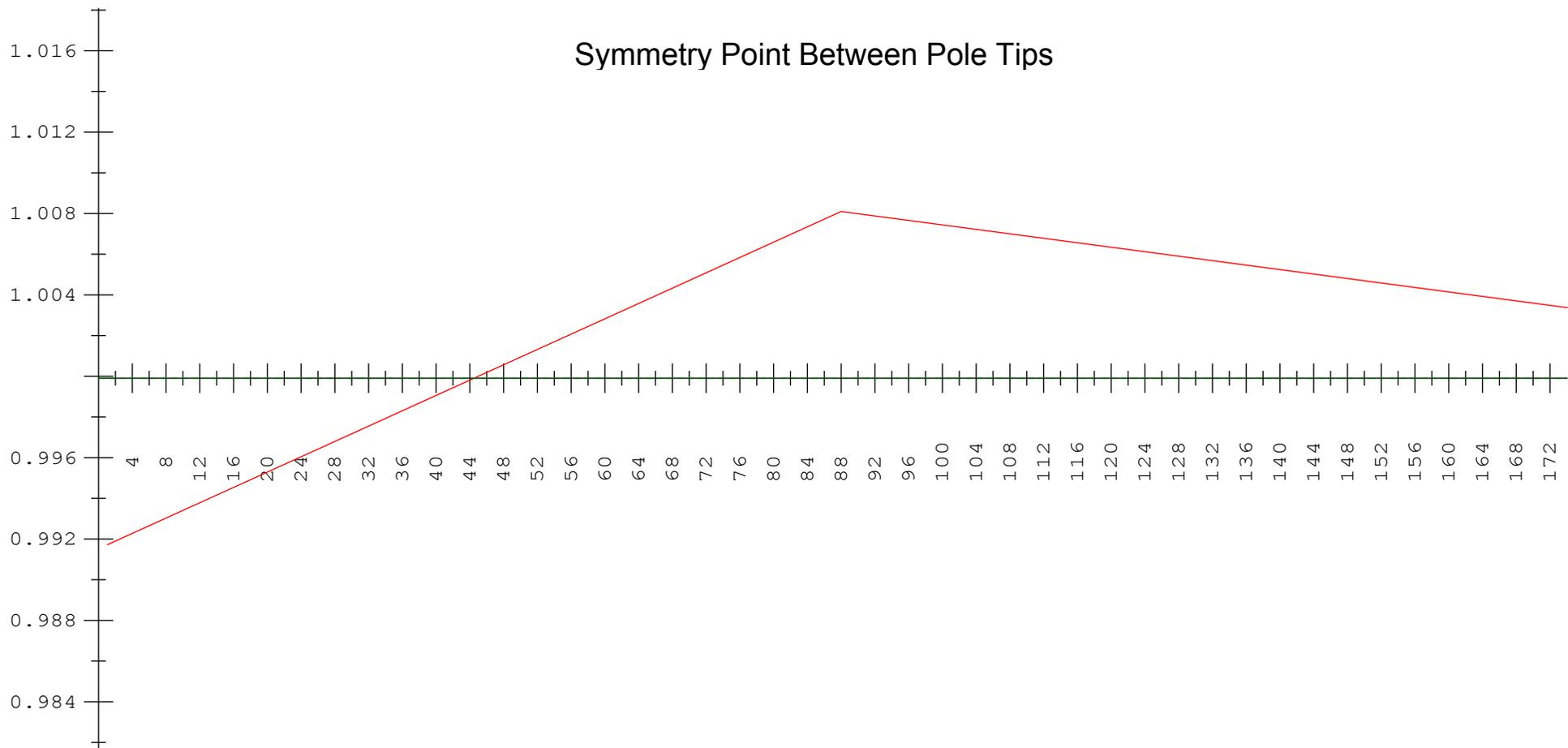
Dimensions in mm



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
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 D/S = 0007
 Run = 49



Mean Symmetry Value = 0.9999

Step Between Measured Pole Tips = 87

Dimensions in mm



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Nominal Gap = 10 Nominal Taper = 0.000
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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	5.9927	5.9962	6.0050	6.0085
Bottom	-4.0023	-4.0007	-3.9964	-3.9947
Gap	9.9951			10.0032
Taper				0.0082

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.9961	-3.9963	9.9924	0.9999

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.005
Bottom Jaw Pitch(mrad)	0.002
Minimum Effective Gap	9.976
Reference Block Gap	6.801

Dimensions in mm



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