

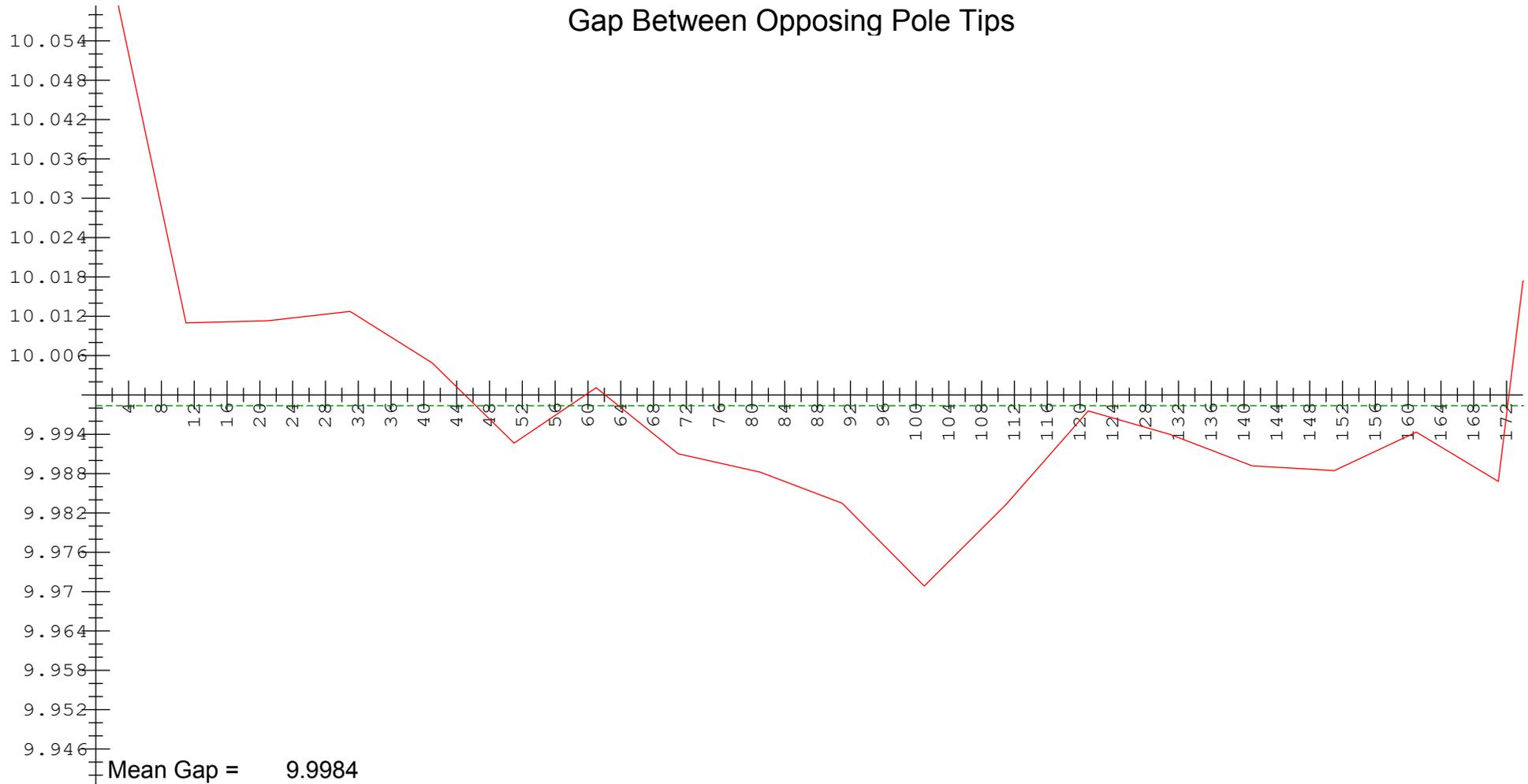
Minimum Effective Gap = 9.967

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 10

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

	LCLS II - SXR Undulator		29-MAR-2018
	Nominal Gap = 10		S/N = 008
	Nominal Taper = 0		D/S = 0001
Gap Reading = 10.0000		US Encoder = 10.0000	Run = 9
DS Encoder = 10.0000			

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

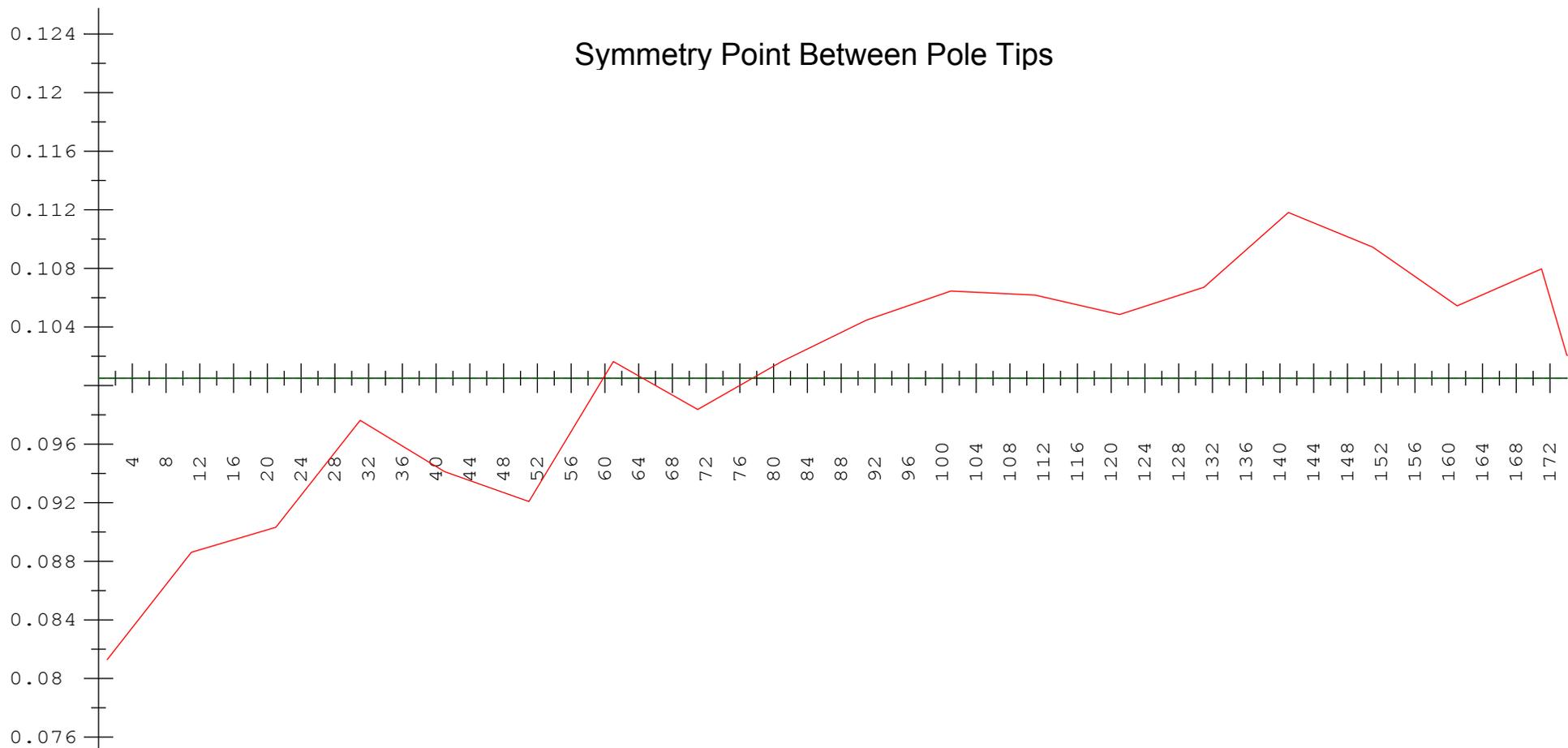
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

29-MAR-2018
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 D/S = 0001
 Run = 9



Mean Symmetry Value = 0.1005

Step Between Measured Pole Tips = 10

Dimensions in mm



LCLS II - SXR Undulator

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 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

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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	5.0976	5.0987	5.1016	5.1027
Bottom	-4.9188	-4.9104	-4.8894	-4.8808
Gap	10.0164			9.9835
Taper				-0.0328

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0997	-4.8987	9.9984	0.1005

Additional Calculated Values

Bottom Pole #1 Z Value	979.390
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.011
Minimum Effective Gap	9.967
Reference Block Gap	6.803

Dimensions in mm



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