

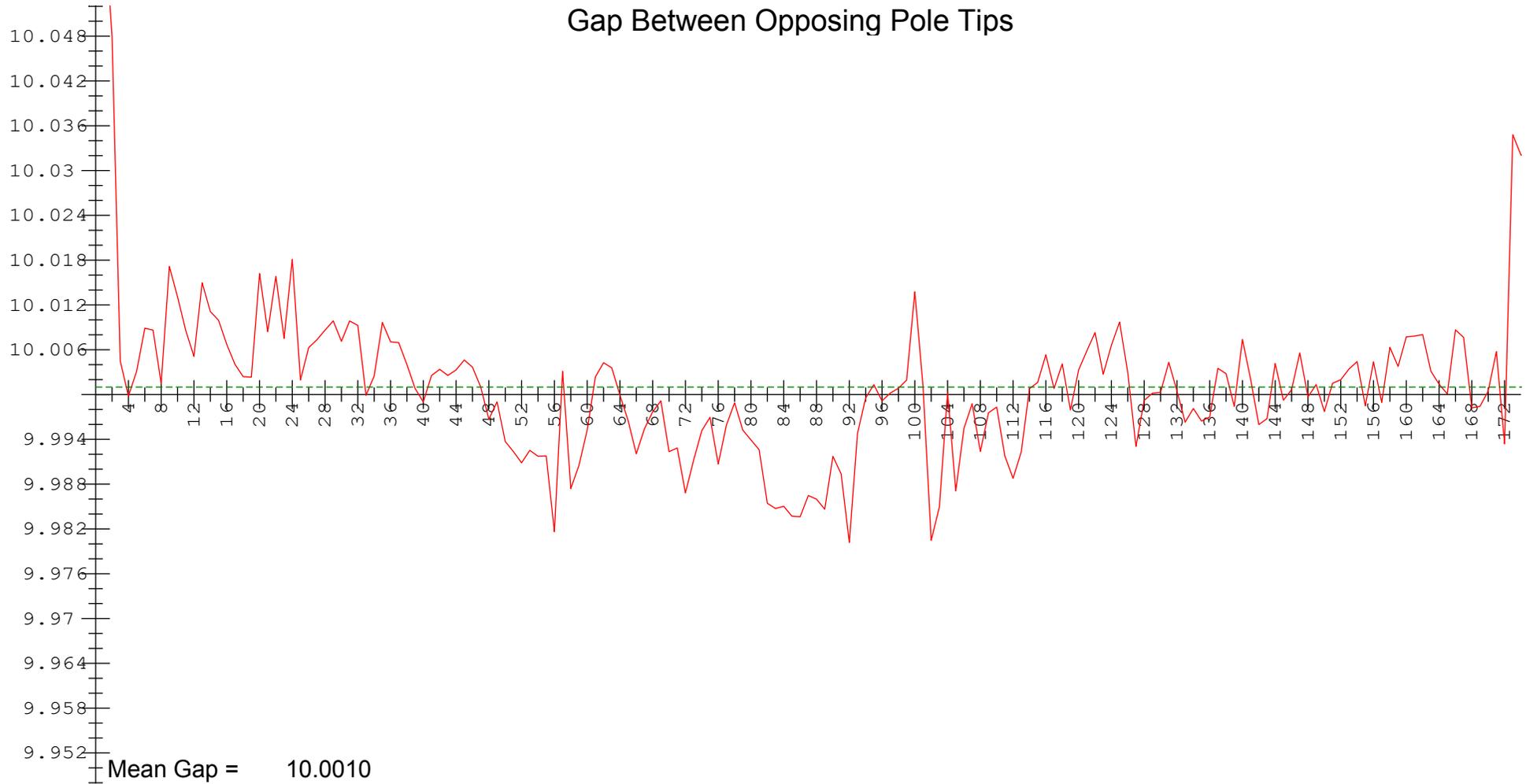
Minimum Effective Gap = 9.977

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 1

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

	LCLS II - SXR Undulator		30-MAR-2018
	Nominal Gap = 10	Nominal Taper = 0	S/N = 008
Gap Reading = 10.0000	US Encoder = 10.0000	DS Encoder = 10.0000	D/S = 0001
			Run = 12

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

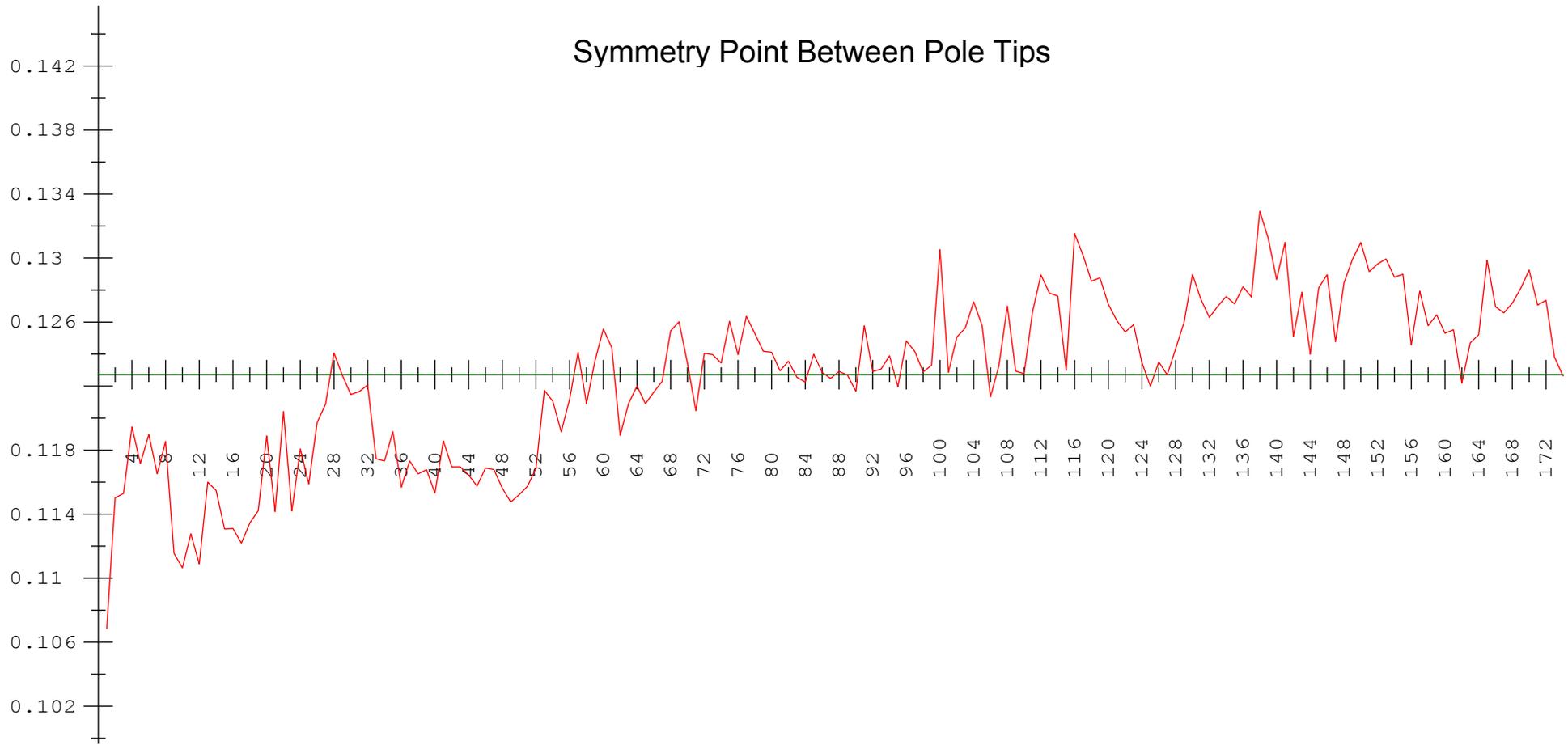


LCLS II - SXR Undulator

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

30-MAR-2018
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 D/S = 0001
 Run = 12

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1227

Step Between Measured Pole Tips = 1

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	5.1175	5.1200	5.1264	5.1290
Bottom	-4.8863	-4.8826	-4.8731	-4.8692
Gap	10.0038			9.9982
Taper				-0.0056

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1232	-4.8778	10.0010	0.1227

Additional Calculated Values

Bottom Pole #1 Z Value	979.390
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	9.977
Reference Block Gap	6.803

Dimensions in mm



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