

Minimum Effective Gap = 9.934

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



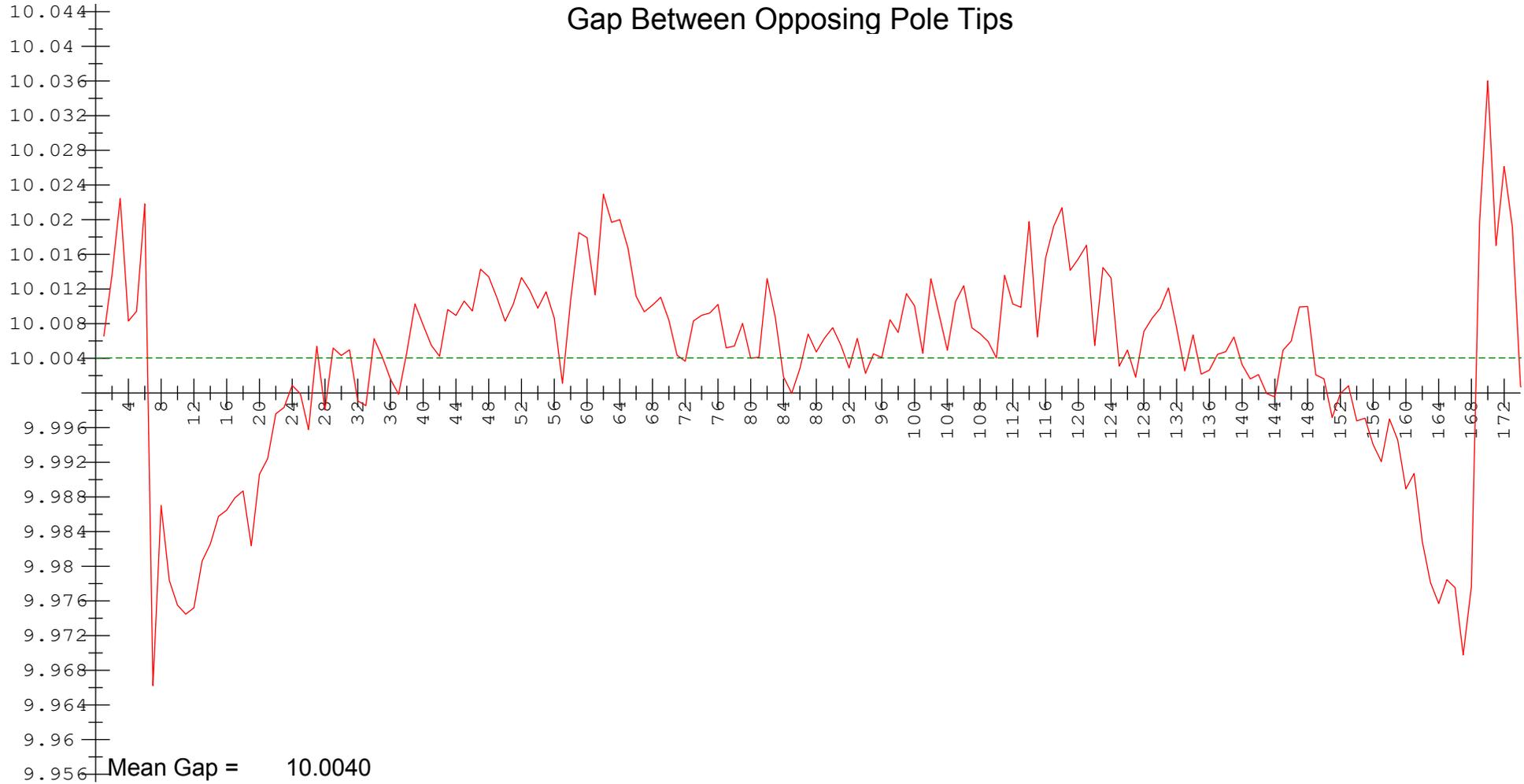
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

02-OCT-2018

S/N = 015
 D/S = 0001
 Run = 6

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

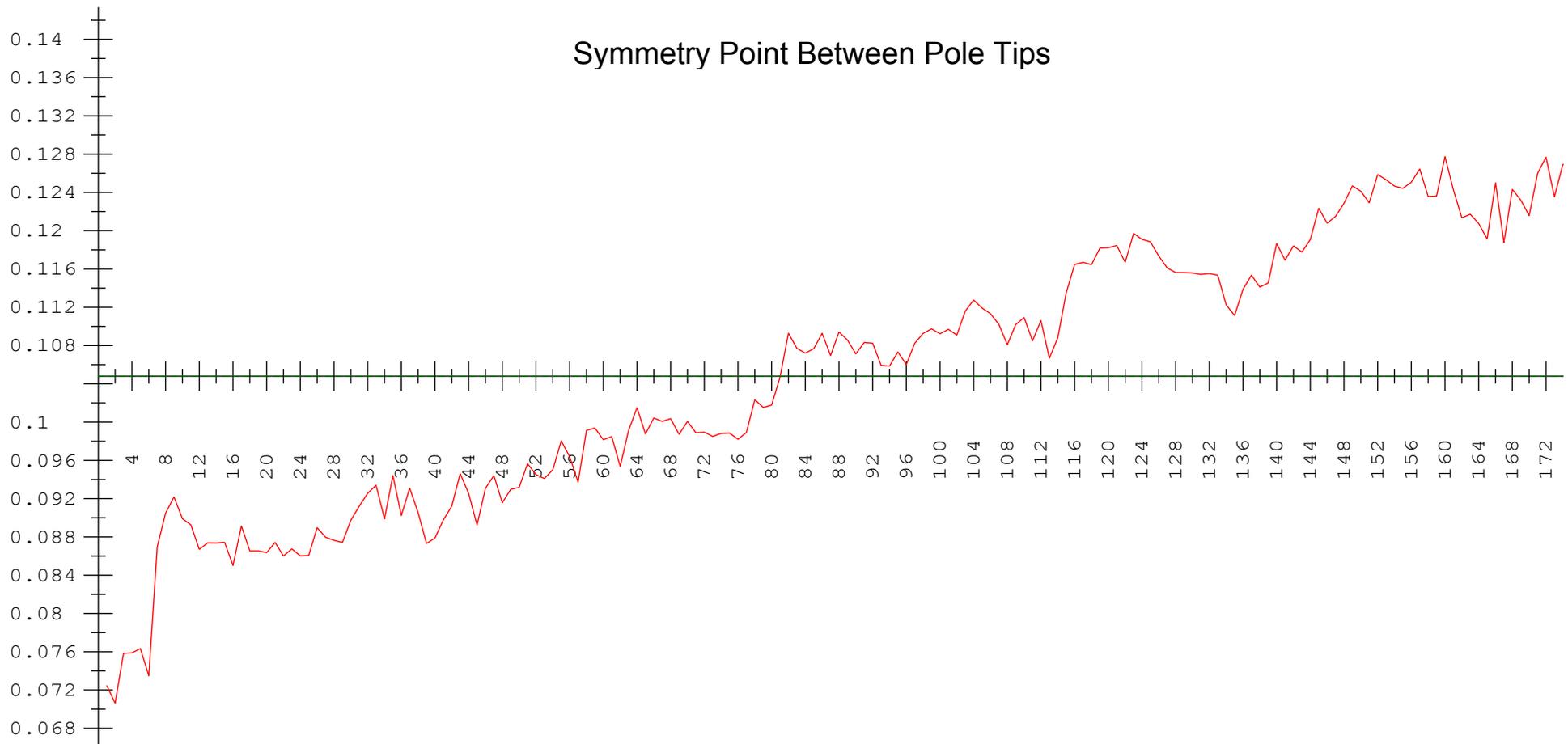
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

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 Run = 6



Mean Symmetry Value = 0.1048

Step Between Measured Pole Tips = 1

Dimensions in mm



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Nominal Gap = 10 Nominal Taper = 0.000
 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	5.0829	5.0934	5.1199	5.1307
Bottom	-4.9197	-4.9098	-4.8849	-4.8747
Gap	10.0026			10.0054
Taper				0.0028

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1068	-4.8972	10.0040	0.1048

Additional Calculated Values

Bottom Pole #1 Z Value	980.409
Top Jaw Pitch (mrad)	0.014
Bottom Jaw Pitch(mrad)	0.013
Minimum Effective Gap	9.934
Reference Block Gap	6.807

Dimensions in mm



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