

Minimum Effective Gap = 9.844

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm

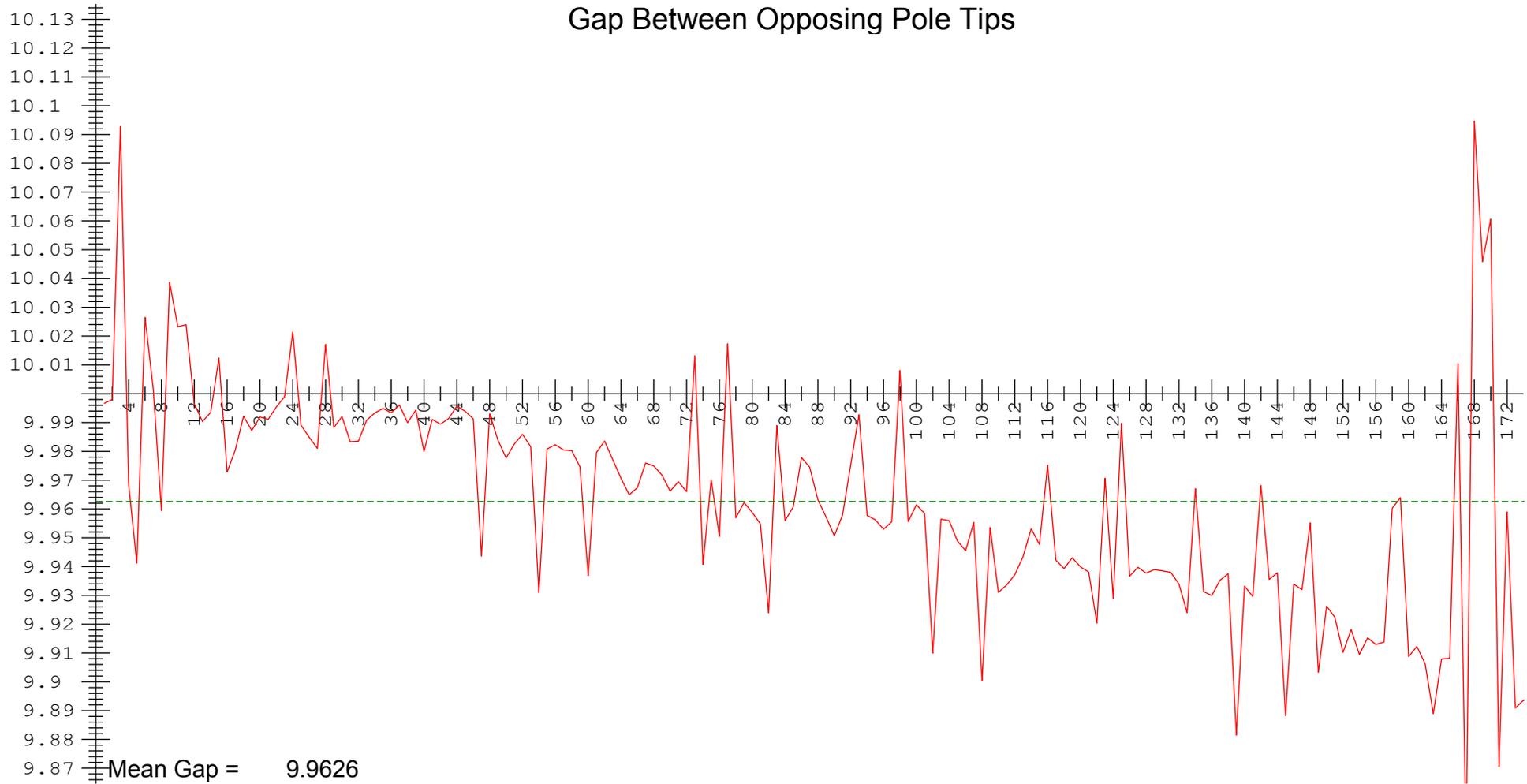


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = -0.100
 Gap Reading = 9.9500 US Encoder = 10.0000 DS Encoder = 9.9000

02-AUG-2018
 S/N = 013
 D/S = 0001
 Run = 18

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

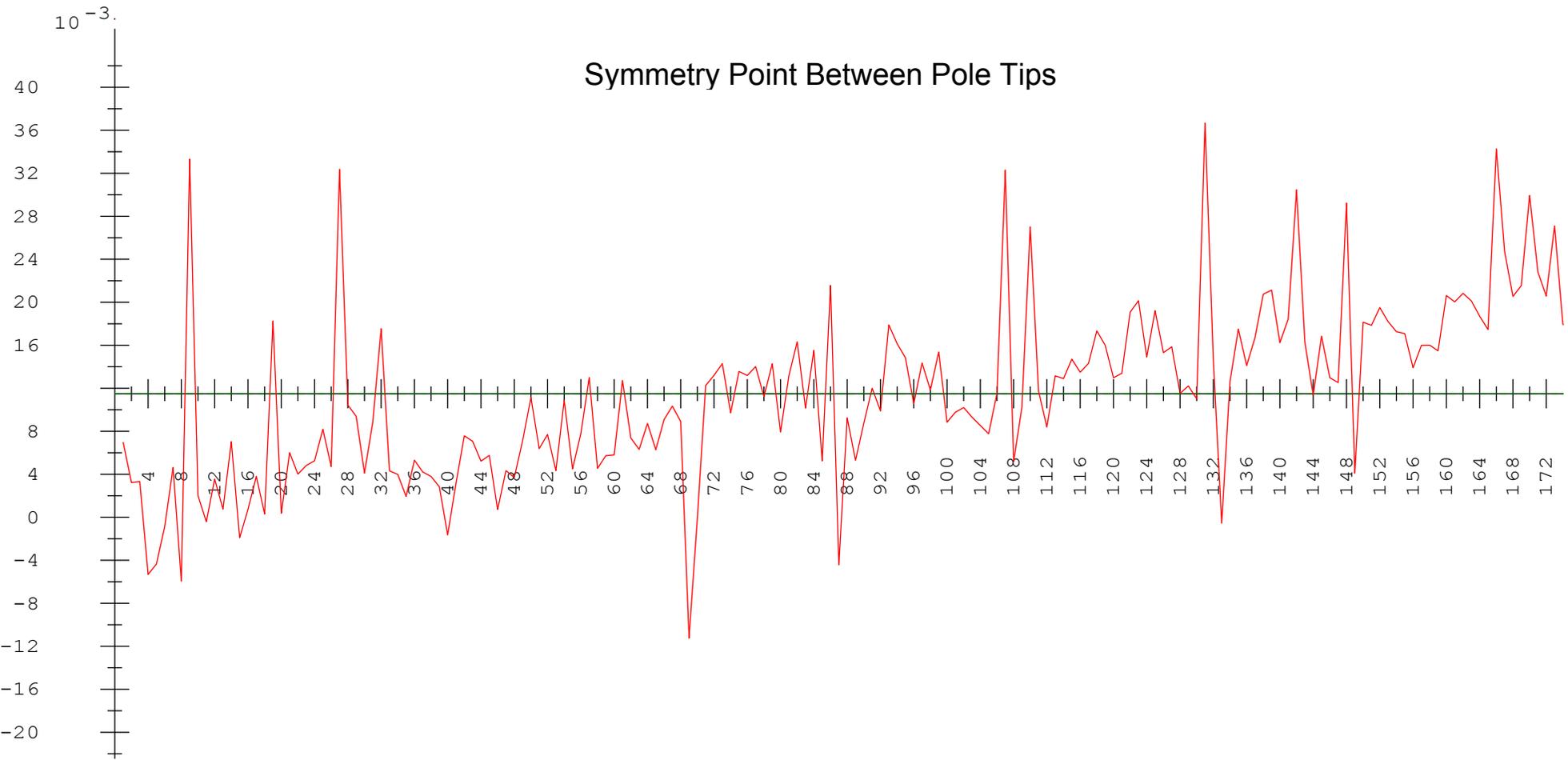
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = -0.100
 Gap Reading = 9.9500 US Encoder = 10.0000 DS Encoder = 9.9000

02-AUG-2018
 S/N = 013
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 Run = 18



Mean Symmetry Value = 0.0115

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

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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	5.0039	4.9990	4.9867	4.9817
Bottom	-4.9993	-4.9864	-4.9536	-4.9403
Gap	10.0032			9.9220
Taper				-0.0812

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9928	-4.9698	9.9626	0.0115

Additional Calculated Values

Bottom Pole #1 Z Value	979.747
Top Jaw Pitch (mrad)	-0.007
Bottom Jaw Pitch(mrad)	0.018
Minimum Effective Gap	9.844
Reference Block Gap	6.804

Dimensions in mm



LCLS II - SXR Undulator

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