

Minimum Effective Gap = 9.865

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm

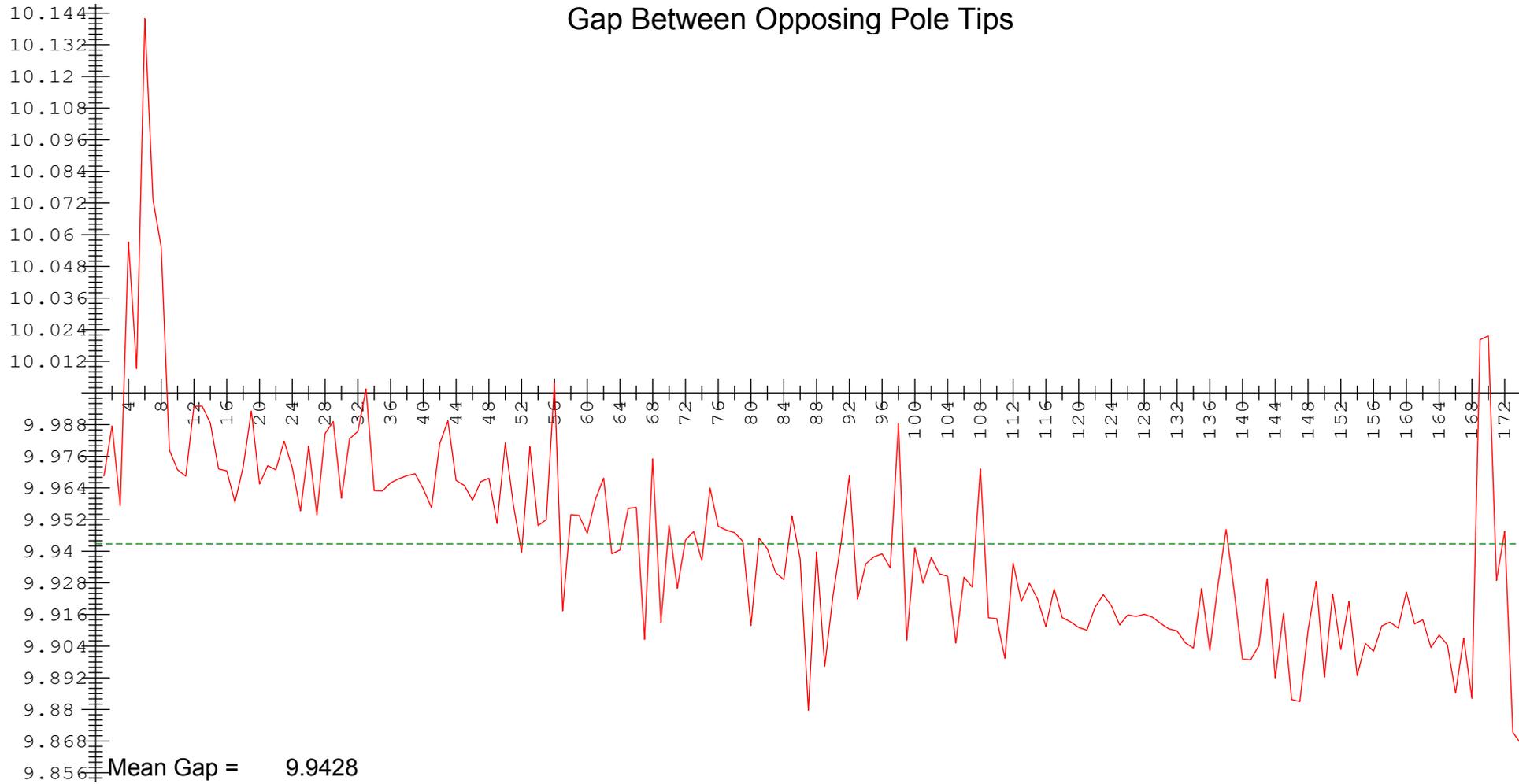


LCLS II - SXR Undulator

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

07-SEP-2018
 S/N = 014
 D/S = 0001
 Run = 15

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

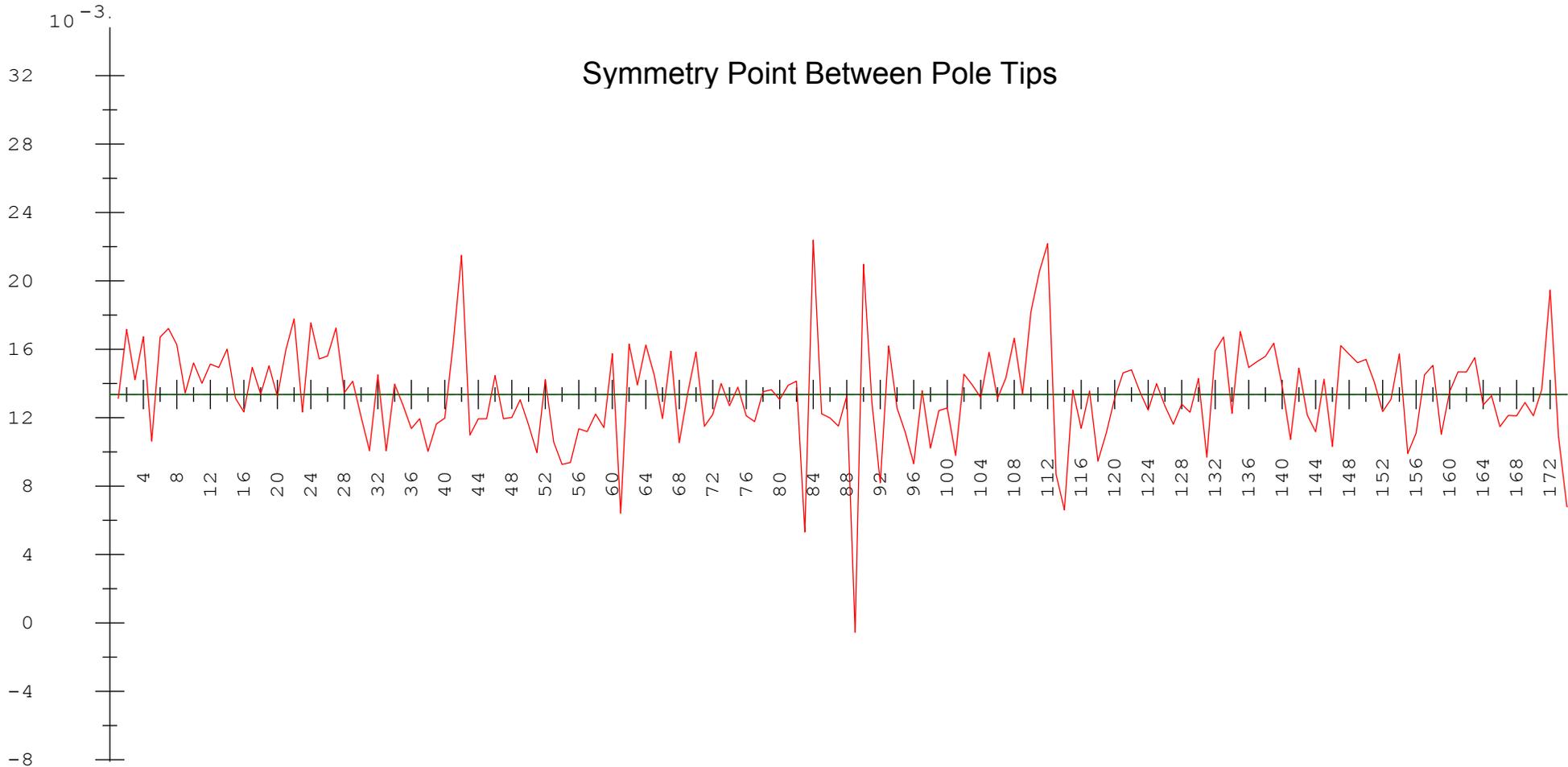


LCLS II - SXR Undulator

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

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 D/S = 0001
 Run = 15

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0134

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	5.0088	4.9982	4.9715	4.9607
Bottom	-4.9814	-4.9712	-4.9452	-4.9347
Gap	9.9903			9.8953
Taper				-0.0949

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9848	-4.9580	9.9428	0.0134

Additional Calculated Values

Bottom Pole #1 Z Value	979.953
Top Jaw Pitch (mrad)	-0.014
Bottom Jaw Pitch(mrad)	0.014
Minimum Effective Gap	9.865
Reference Block Gap	6.807

Dimensions in mm



LCLS II - SXR Undulator

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 S/N = 014
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