

Minimum Effective Gap = 9.990

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

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

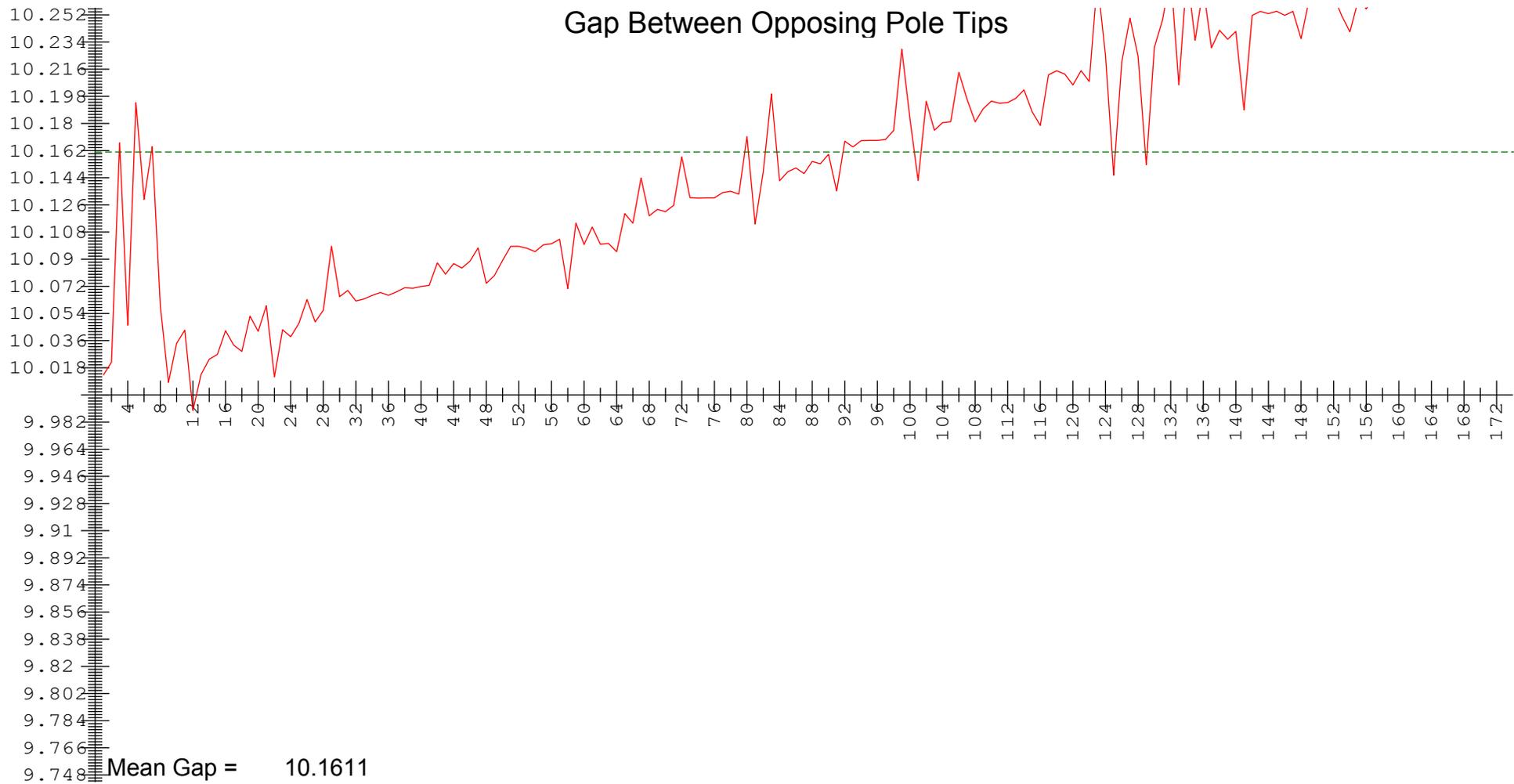


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300

Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

07-DEC-2018
 S/N = 017
 D/S = 0001
 Run = 9



Step Between Measured Pole Tips = 1

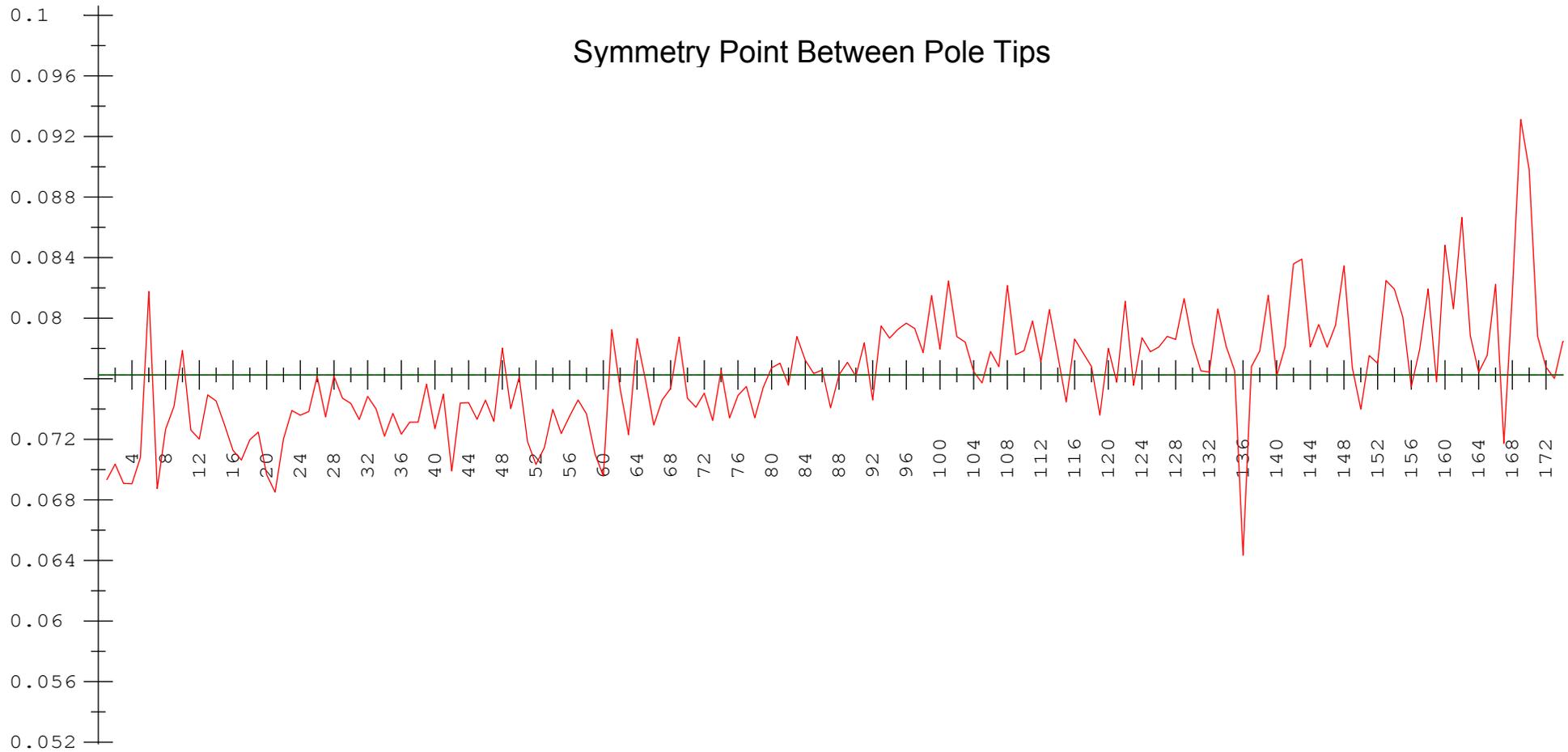
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

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 Run = 9



Mean Symmetry Value = 0.0763

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

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 Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

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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	5.0813	5.1144	5.1983	5.2323
Bottom	-4.9375	-4.9669	-5.0409	-5.0710
Gap	10.0188			10.3034
Taper				0.2846

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1568	-5.0043	10.1611	0.0763

Additional Calculated Values

Bottom Pole #1 Z Value	980.178
Top Jaw Pitch (mrad)	0.045
Bottom Jaw Pitch(mrad)	-0.040
Minimum Effective Gap	9.990
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

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