

Minimum Effective Gap = 9.949

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm

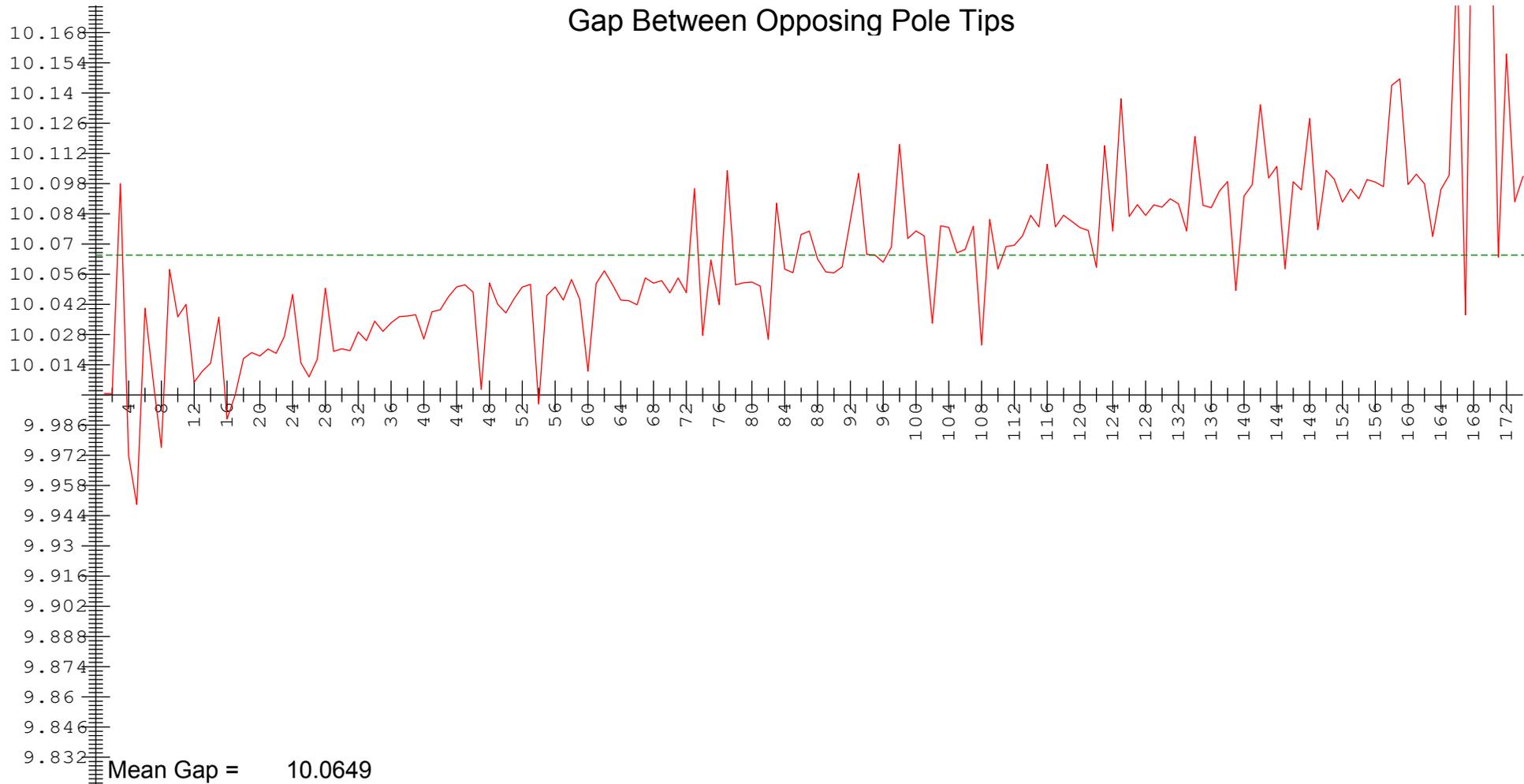


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.100
Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1000

02-AUG-2018
S/N = 013
D/S = 0001
Run = 19

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

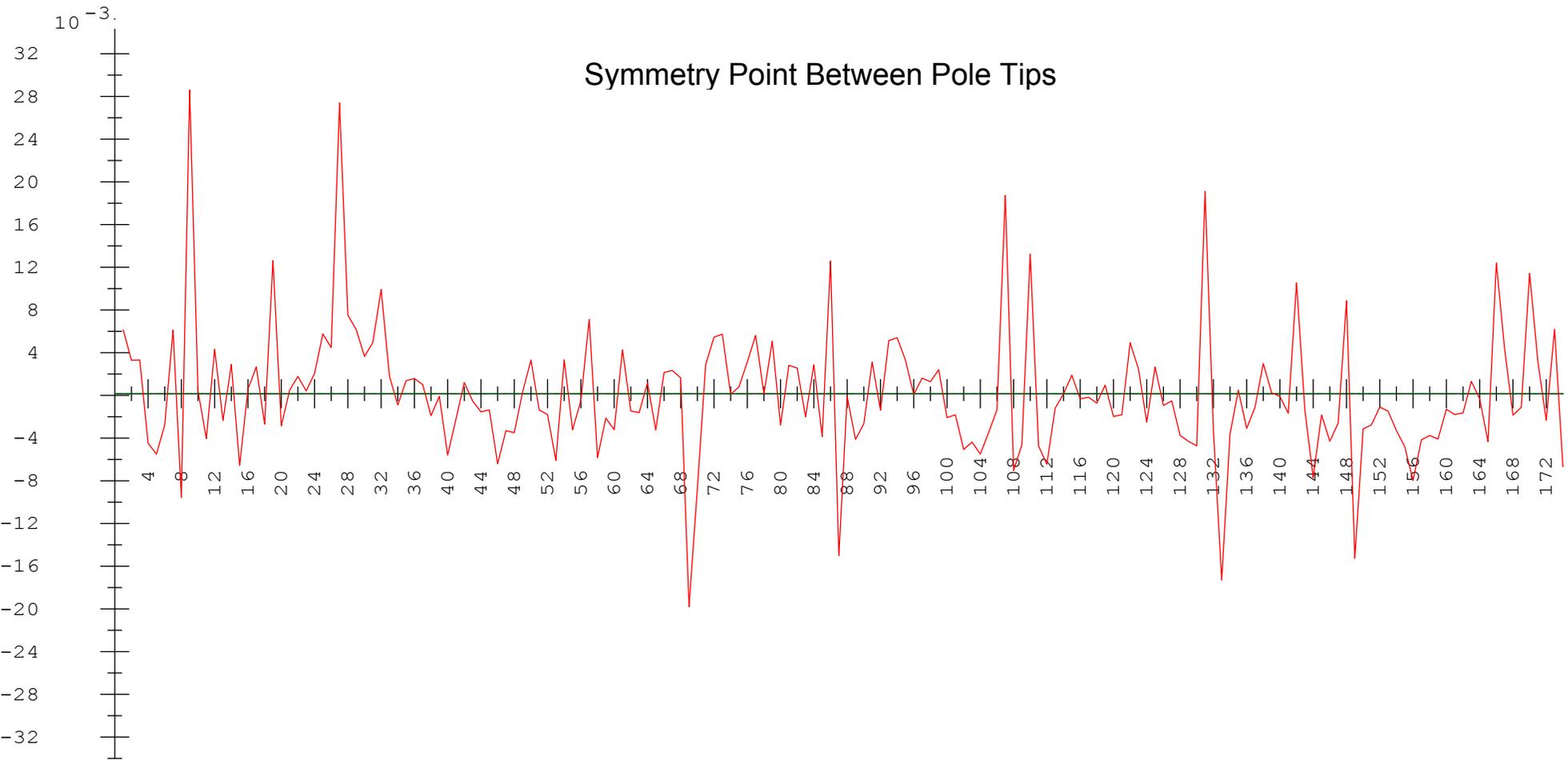
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.100
 Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1000

02-AUG-2018
 S/N = 013
 D/S = 0001
 Run = 19



Mean Symmetry Value = 0.0002

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.100
 Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1000

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 Run = 19

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	5.0049	5.0170	5.0478	5.0603
Bottom	-5.0013	-5.0149	-5.0493	-5.0633
Gap	10.0061			10.1236
Taper				0.1175

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0326	-5.0323	10.0649	0.0002

Additional Calculated Values

Bottom Pole #1 Z Value	979.747
Top Jaw Pitch (mrad)	0.016
Bottom Jaw Pitch(mrad)	-0.018
Minimum Effective Gap	9.949
Reference Block Gap	6.804

Dimensions in mm



LCLS II - SXR Undulator

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02-AUG-2018
 S/N = 013
 D/S = 0001
 Run = 19