

Minimum Effective Gap = 9.945

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

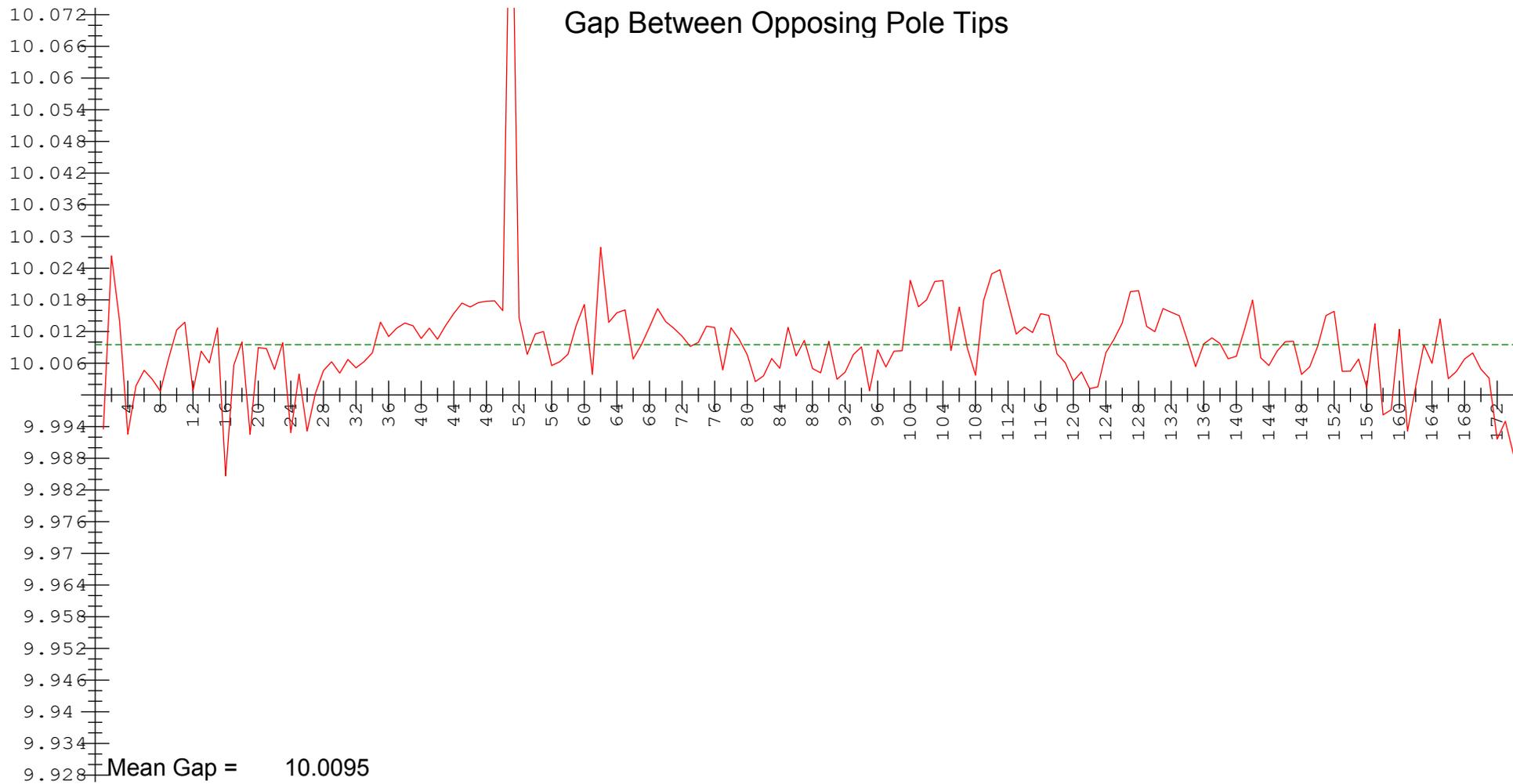
Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0002 US Encoder = 0.0100 DS Encoder = 0.0100

26-NOV-2019

S/N = 021

D/S = 0001

Run = 17



Step Between Measured Pole Tips = 1

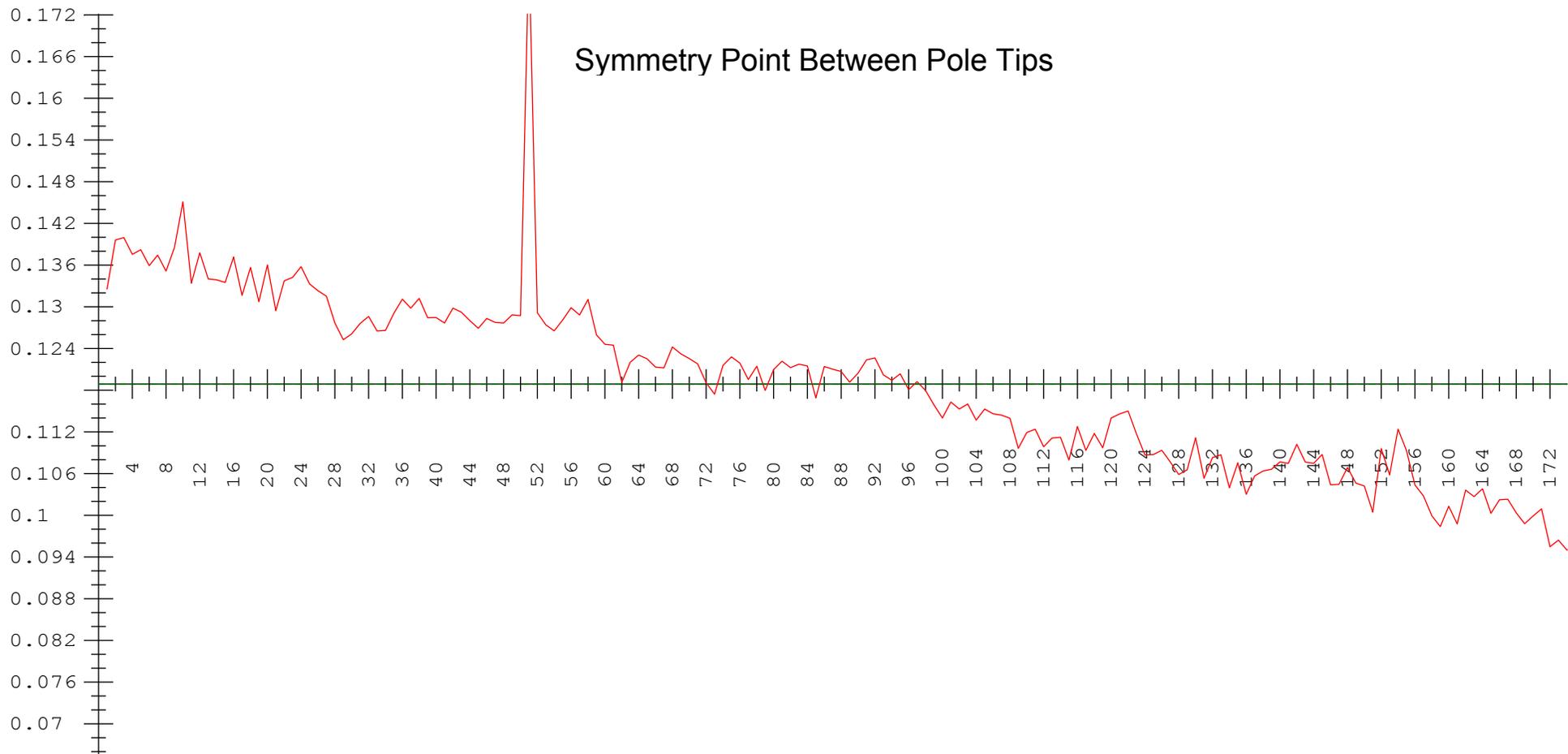
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0002 US Encoder = 0.0100 DS Encoder = 0.0100

26-NOV-2019
 S/N = 021
 D/S = 0001
 Run = 17



Mean Symmetry Value = 0.1189

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0002 US Encoder = 0.0100 DS Encoder = 0.0100

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 Run = 17

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	5.1438	5.1350	5.1125	5.1034
Bottom	-4.8666	-4.8751	-4.8965	-4.9051
Gap	10.0104			10.0086
Taper				-0.0019

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1236	-4.8859	10.0095	0.1189

Additional Calculated Values

Bottom Pole #1 Z Value	980.155
Top Jaw Pitch (mrad)	-0.012
Bottom Jaw Pitch(mrad)	-0.011
Minimum Effective Gap	9.945
Reference Block Gap	6.799

Dimensions in mm



LCLS II - SXR Undulator

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