

Minimum Effective Gap = 9.973

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm

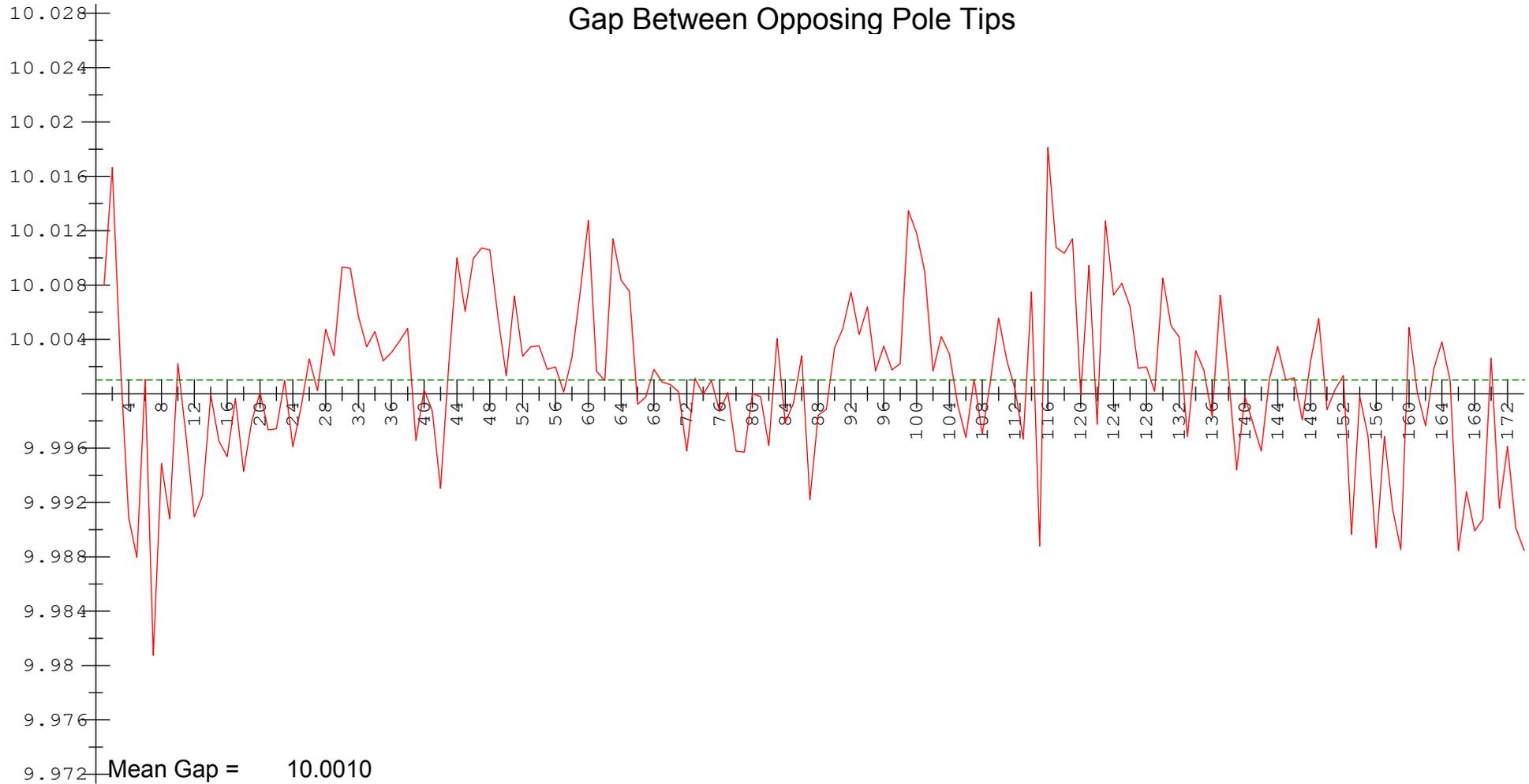


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

14-NOV-2018
 S/N = 017
 D/S = 0001
 Run = 7

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

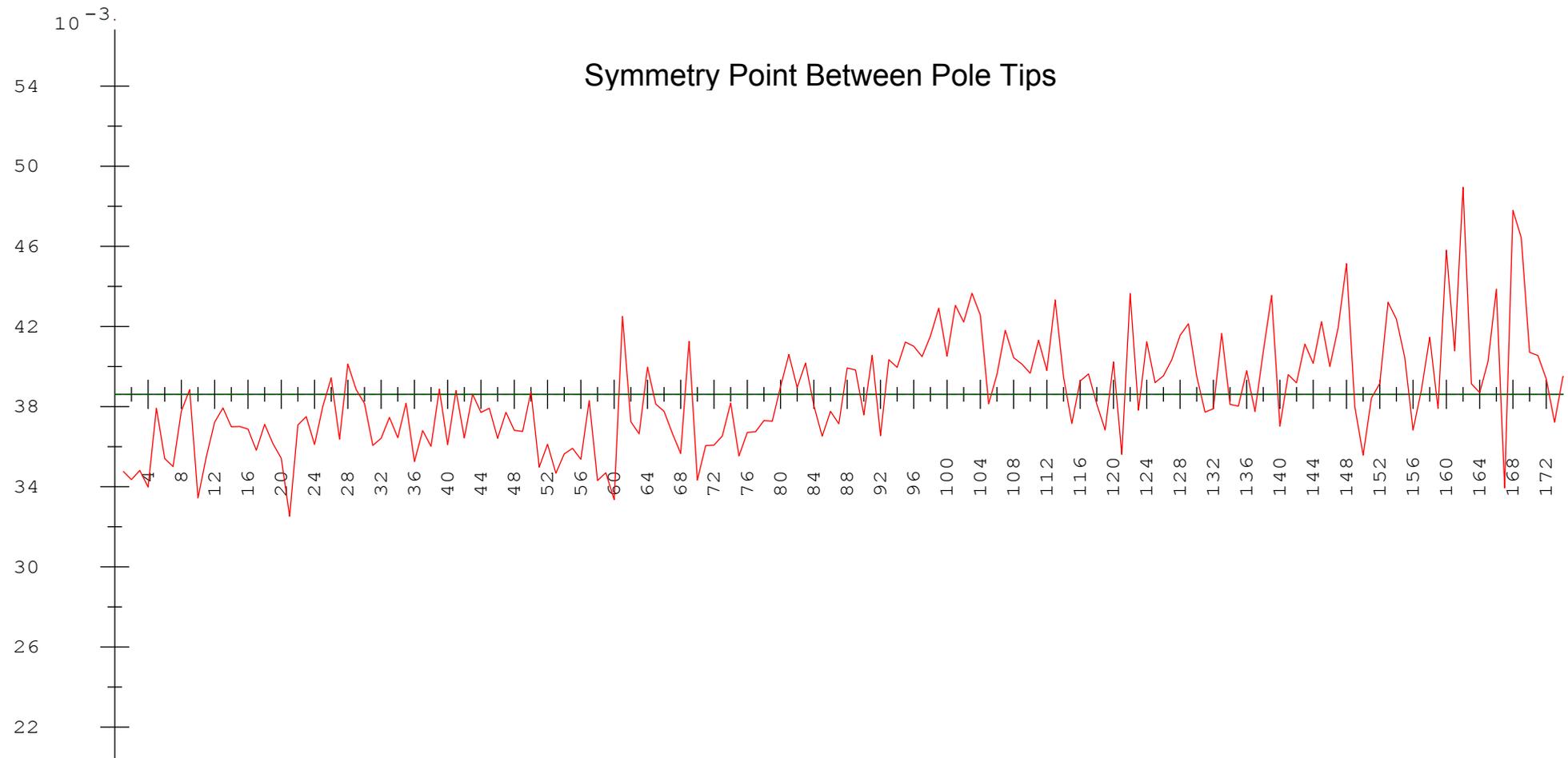
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

14-NOV-2018
 S/N = 017
 D/S = 0001
 Run = 7



Mean Symmetry Value = 0.0386

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

14-NOV-2018
 S/N = 017
 D/S = 0001
 Run = 7

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	5.0368	5.0378	5.0404	5.0414
Bottom	-4.9652	-4.9637	-4.9601	-4.9586
Gap	10.0020			10.0000
Taper				-0.0019

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0391	-4.9619	10.0010	0.0386

Additional Calculated Values

Bottom Pole #1 Z Value	980.178
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.002
Minimum Effective Gap	9.973
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

14-NOV-2018
 S/N = 017
 D/S= 0001
 Run= 7