

Minimum Effective Gap = 9.981

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

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



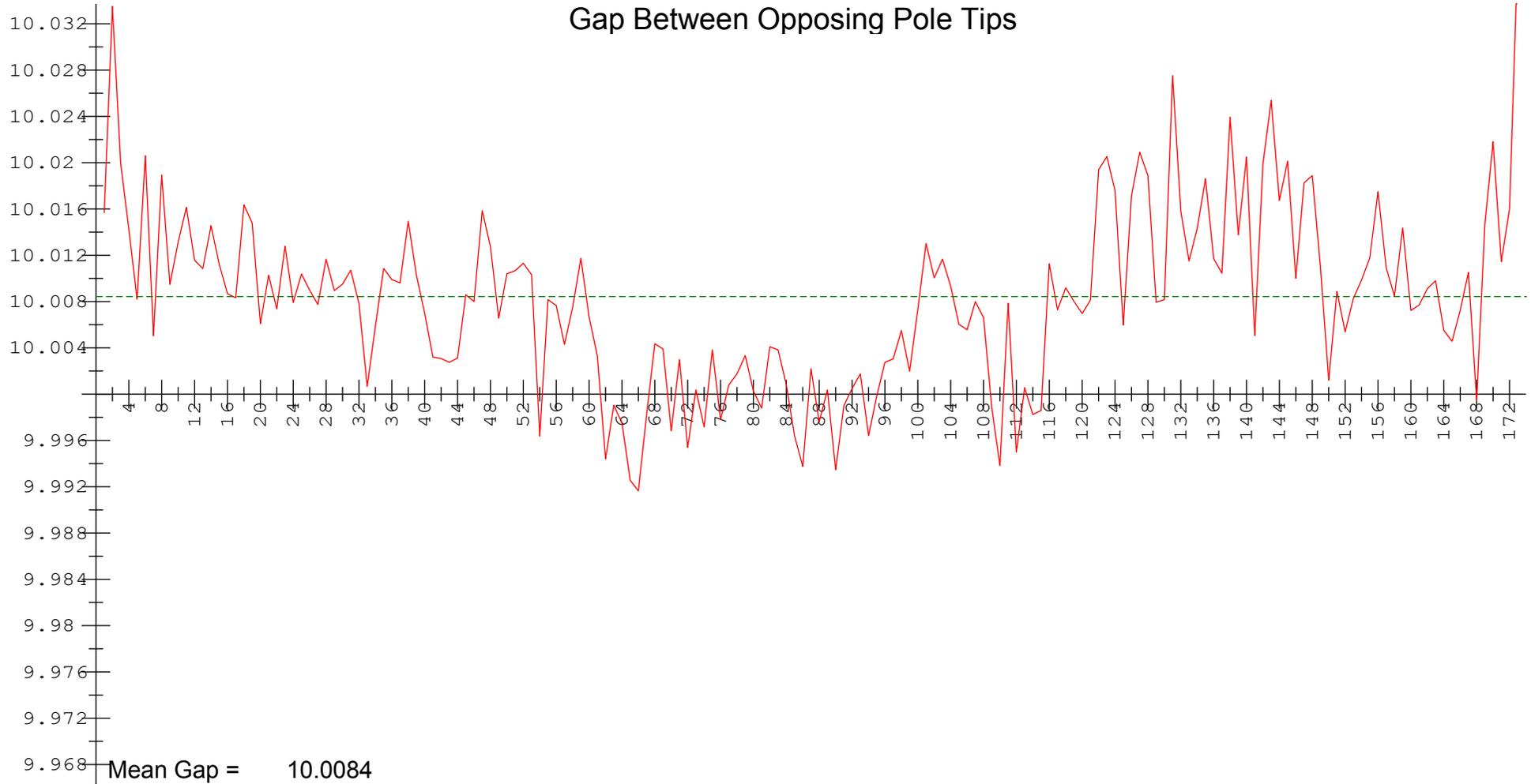
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

17-MAY-2018
 S/N = 010
 D/S = 0001
 Run = 14

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

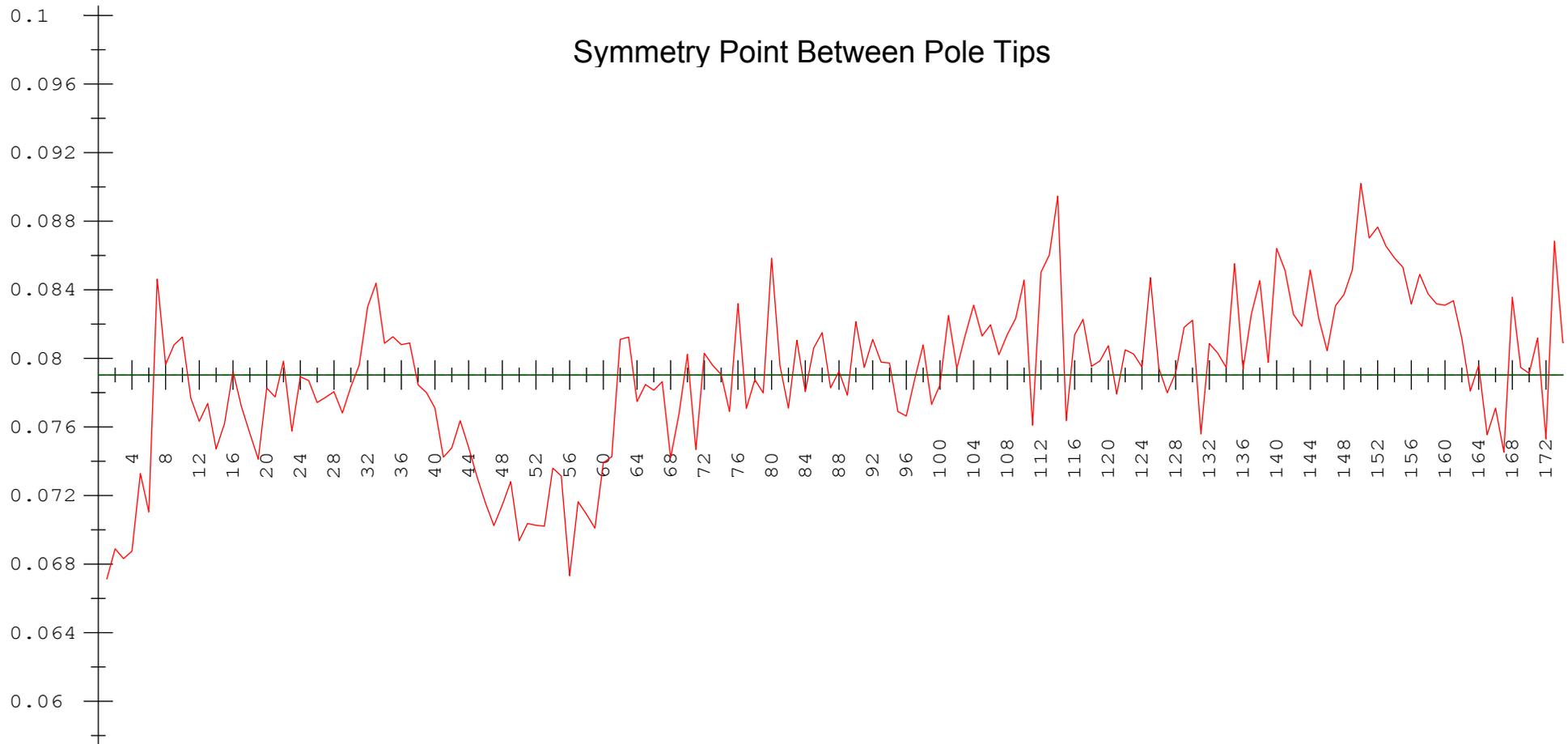
Dimensions in mm



LCLS II - SXR Undulator

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

17-MAY-2018
 S/N = 010
 D/S = 0001
 Run = 14



Mean Symmetry Value = 0.0790

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

17-MAY-2018
 S/N = 010
 D/S = 0001
 Run = 14

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	5.0780	5.0803	5.0861	5.0885
Bottom	-4.9284	-4.9270	-4.9234	-4.9220
Gap	10.0064			10.0105
Taper				0.0041

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0832	-4.9252	10.0084	0.0790

Additional Calculated Values

Bottom Pole #1 Z Value	979.704
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.002
Minimum Effective Gap	9.981
Reference Block Gap	6.802

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

17-MAY-2018
 S/N = 010
 D/S= 0001
 Run= 14