

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

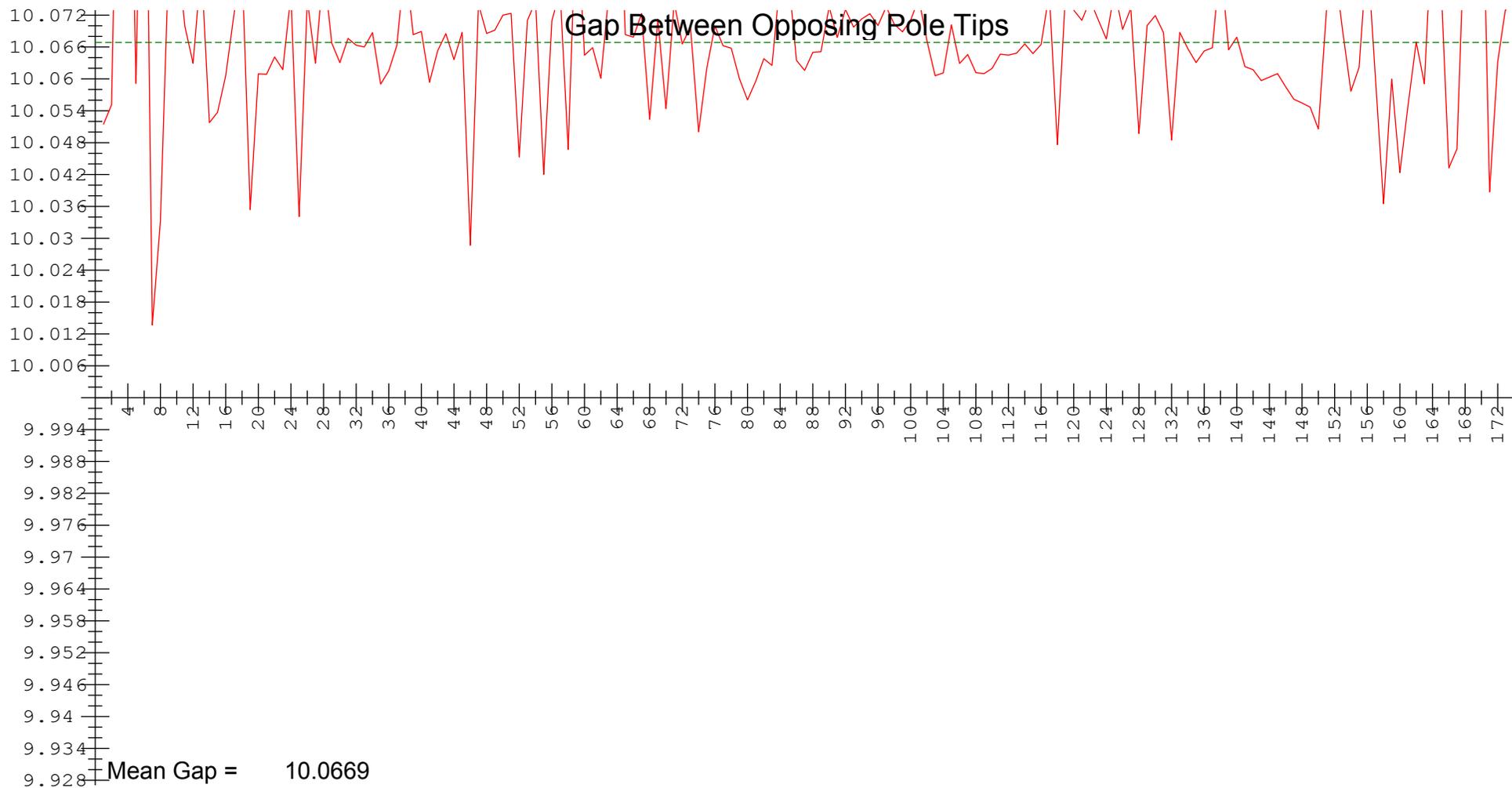
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 9.9991 US Encoder = 9.9985 DS Encoder = 9.9996

18-APR-2019
 S/N = 002
 D/S = 0001
 Run = 13



Step Between Measured Pole Tips = 1

Dimensions in mm

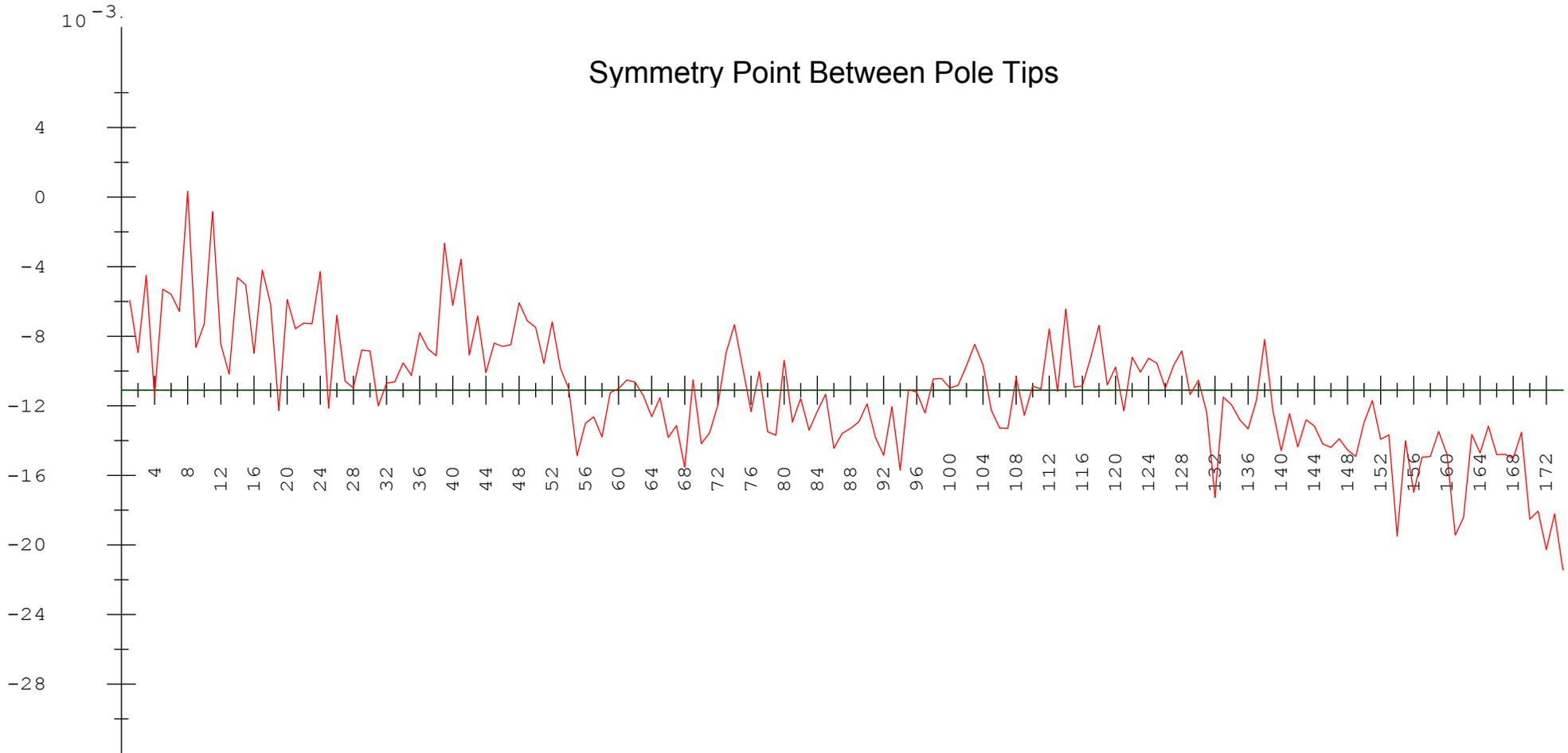


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 9.9991 US Encoder = 9.9985 DS Encoder = 9.9996

18-APR-2019
 S/N = 002
 D/S = 0001
 Run = 13

Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0111

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 9.9991 US Encoder = 9.9985 DS Encoder = 9.9996

18-APR-2019
 S/N = 002
 D/S = 0001
 Run = 13

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	5.0273	5.0251	5.0196	5.0173
Bottom	-5.0411	-5.0426	-5.0464	-5.0480
Gap	10.0684			10.0653
Taper				-0.0030

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0223	-5.0445	10.0669	-0.0111

Additional Calculated Values

Bottom Pole #1 Z Value	980.301
Top Jaw Pitch (mrad)	-0.003
Bottom Jaw Pitch(mrad)	-0.002
Minimum Effective Gap	10.014
Reference Block Gap	6.810

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 9.9991 US Encoder = 9.9985 DS Encoder = 9.9996

18-APR-2019
 S/N = 002
 D/S= 0001
 Run= 13