

Minimum Effective Gap = 9.967

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

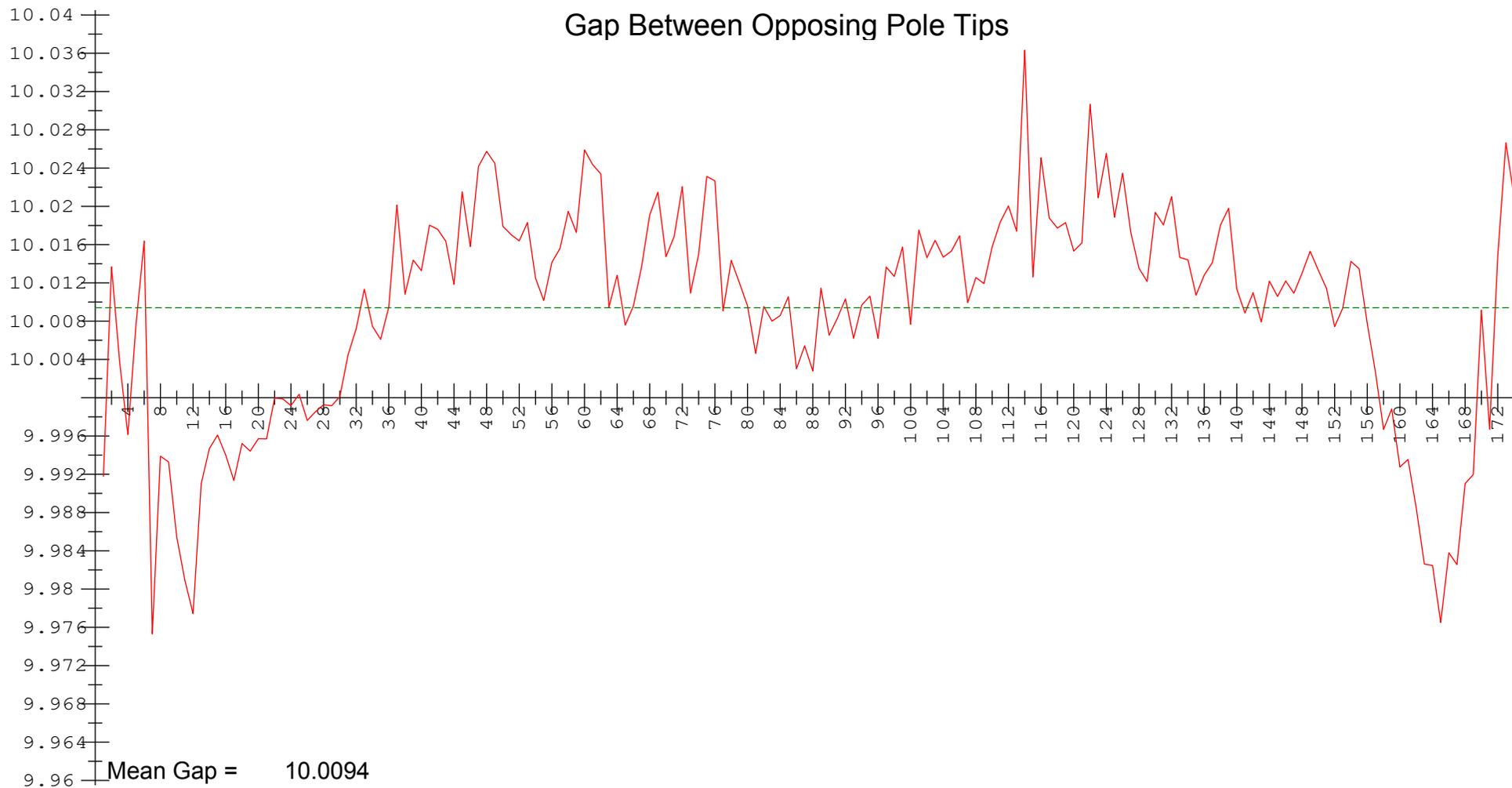
Dimensions in mm



LCLS II - SXR Undulator

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

19-DEC-2018
 S/N = 018
 D/S = 0001
 Run = 13



Step Between Measured Pole Tips = 1

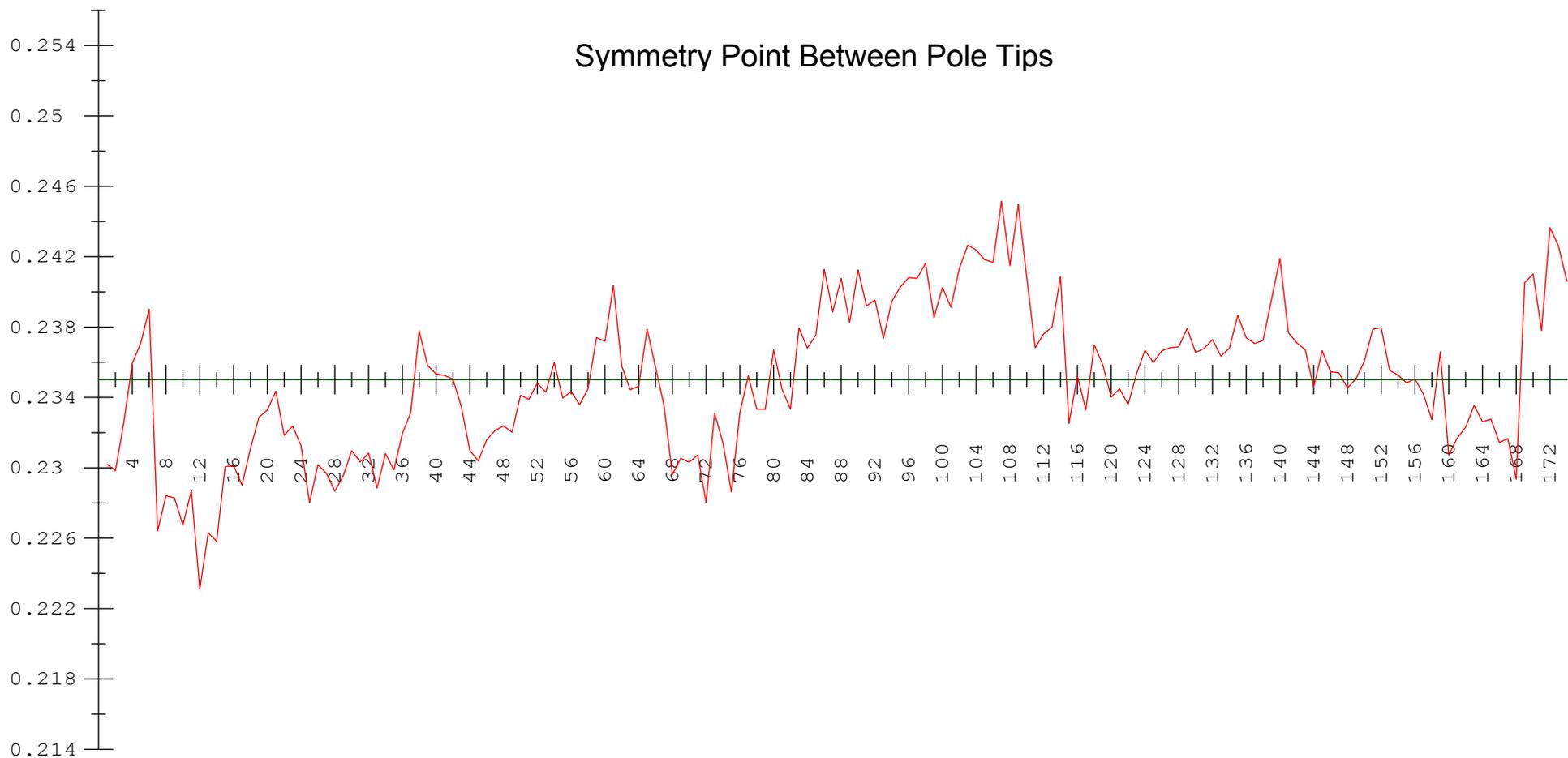
Dimensions in mm



LCLS II - SXR Undulator

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

19-DEC-2018
 S/N = 018
 D/S = 0001
 Run = 13



Mean Symmetry Value = 0.2350

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

19-DEC-2018
 S/N = 018
 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	5.2347	5.2369	5.2425	5.2448
Bottom	-4.7718	-4.7709	-4.7685	-4.7676
Gap	10.0065			10.0123
Taper				0.0058

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2397	-4.7697	10.0094	0.2350

Additional Calculated Values

Bottom Pole #1 Z Value	980.178
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	9.967
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

19-DEC-2018
 S/N = 018
 D/S= 0001
 Run= 13