

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points =

Dimensions in mm

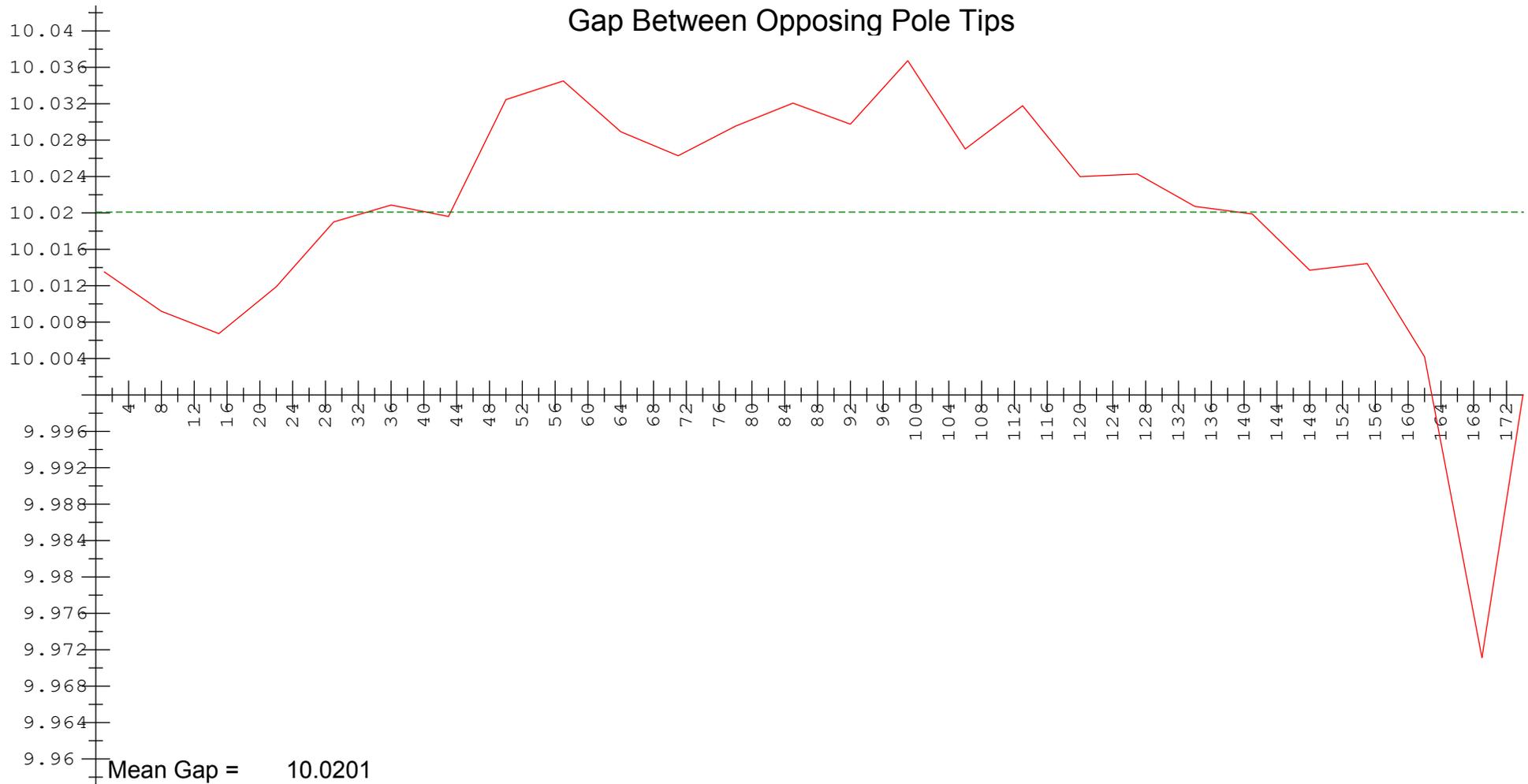


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0001 US Encoder = 10.0001 DS Encoder = 10.0001

15-MAR-2019
S/N = 022
D/S = 0001
Run = 5



Step Between Measured Pole Tips = 7

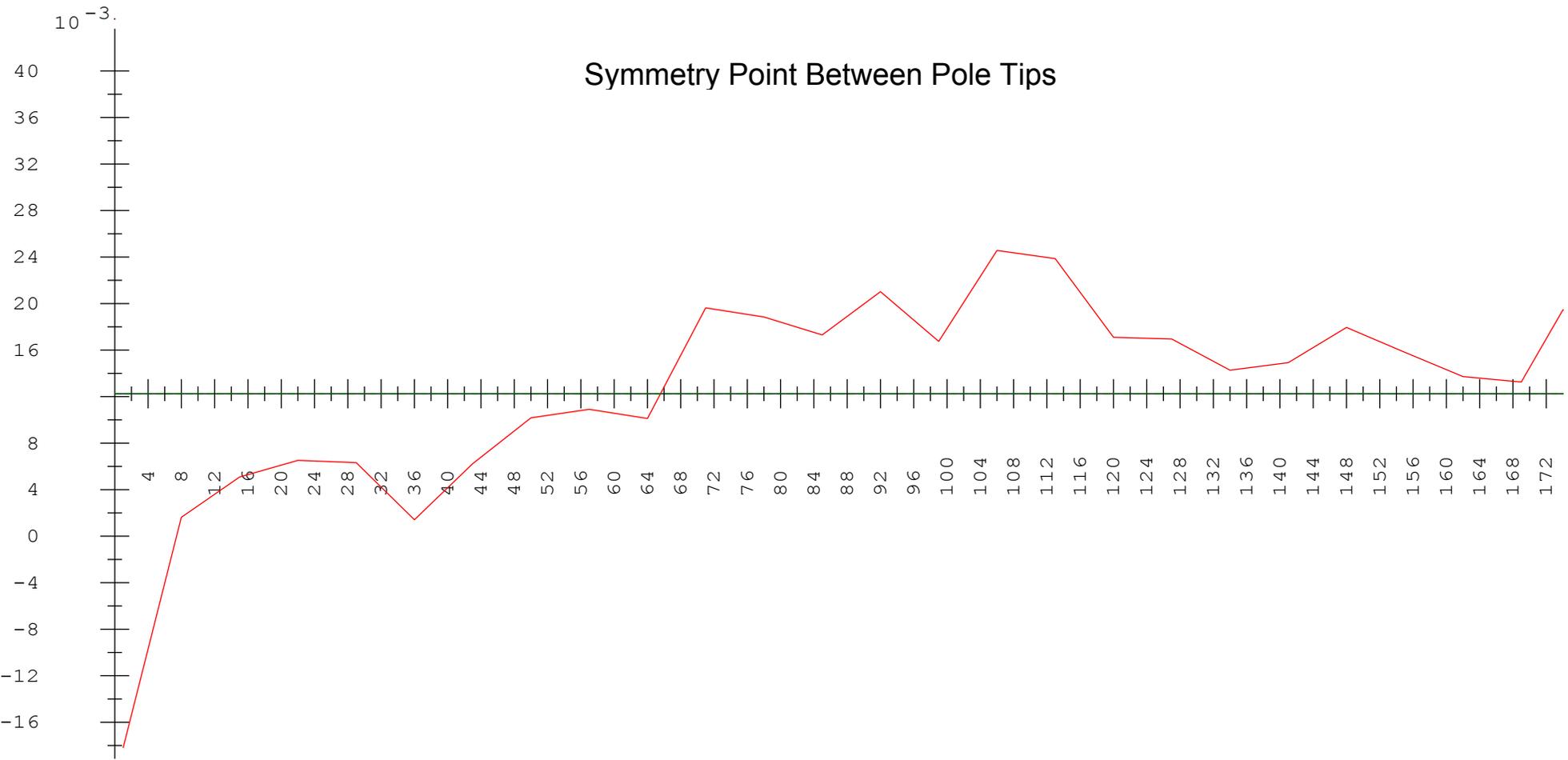
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0001 US Encoder = 10.0001 DS Encoder = 10.0001

15-MAR-2019
 S/N = 022
 D/S = 0001
 Run = 5



Mean Symmetry Value = 0.0122

Step Between Measured Pole Tips = 7

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0001 US Encoder = 10.0001 DS Encoder = 10.0001

15-MAR-2019
 S/N = 022
 D/S = 0001
 Run = 5

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	5.0153	5.0183	5.0258	5.0289
Bottom	-5.0102	-5.0045	-4.9902	-4.9844
Gap	10.0255			10.0133
Taper				-0.0122

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0223	-4.9978	10.0201	0.0122

Additional Calculated Values

Bottom Pole #1 Z Value	980.569
Top Jaw Pitch (mrad)	0.004
Bottom Jaw Pitch(mrad)	0.008
Minimum Effective Gap	9.961
Reference Block Gap	6.809

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0001 US Encoder = 10.0001 DS Encoder = 10.0001

15-MAR-2019
 S/N = 022
 D/S= 0001
 Run= 5