

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 5

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



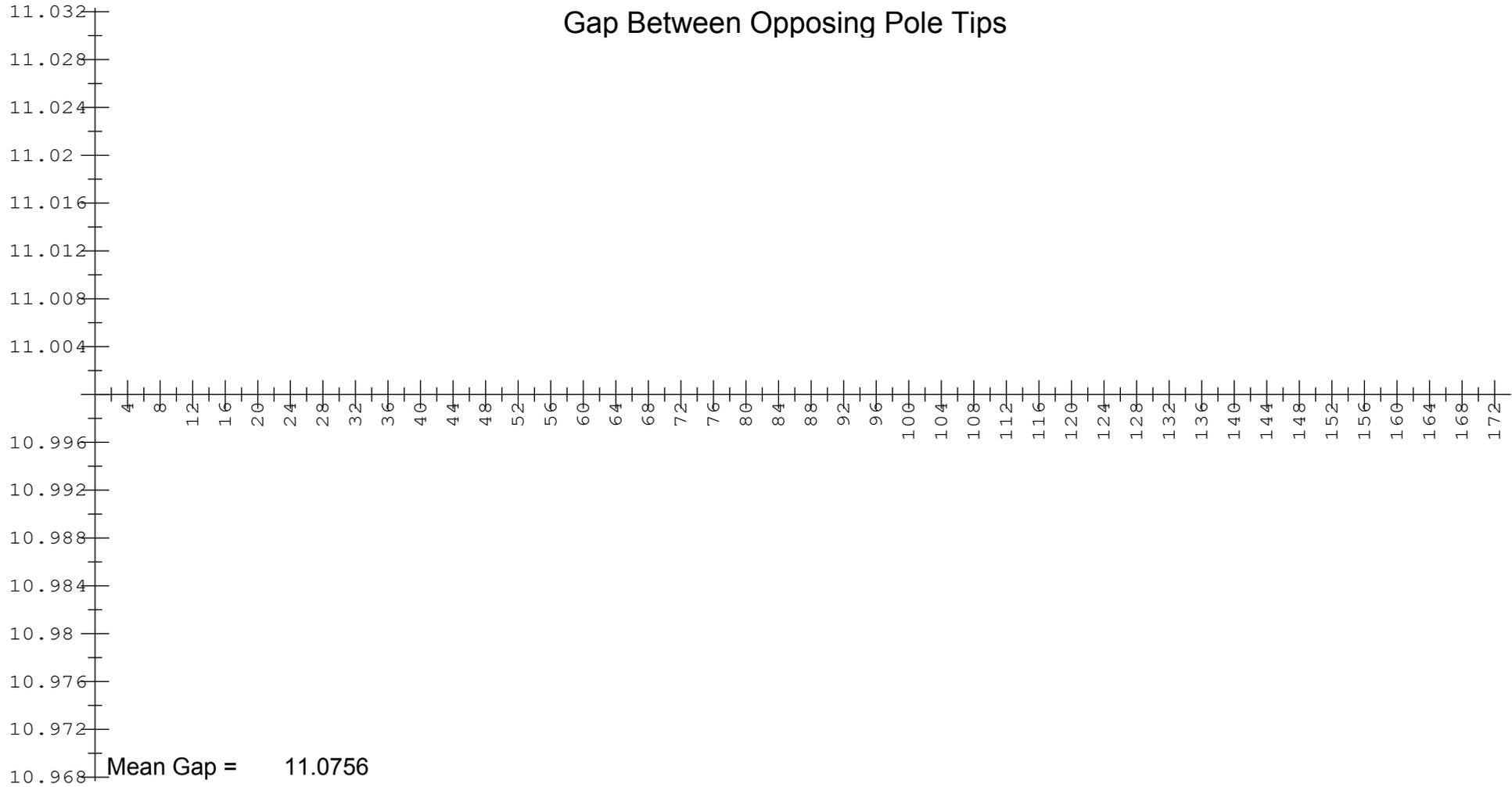
LCLS II - SXR Undulator

Nominal Gap = 11 Nominal Taper = 0.000

Gap Reading = 11.0000 US Encoder = 11.0000 DS Encoder = 11.0000

05-APR-2019
 S/N = 002
 D/S = 0001
 Run = 8

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

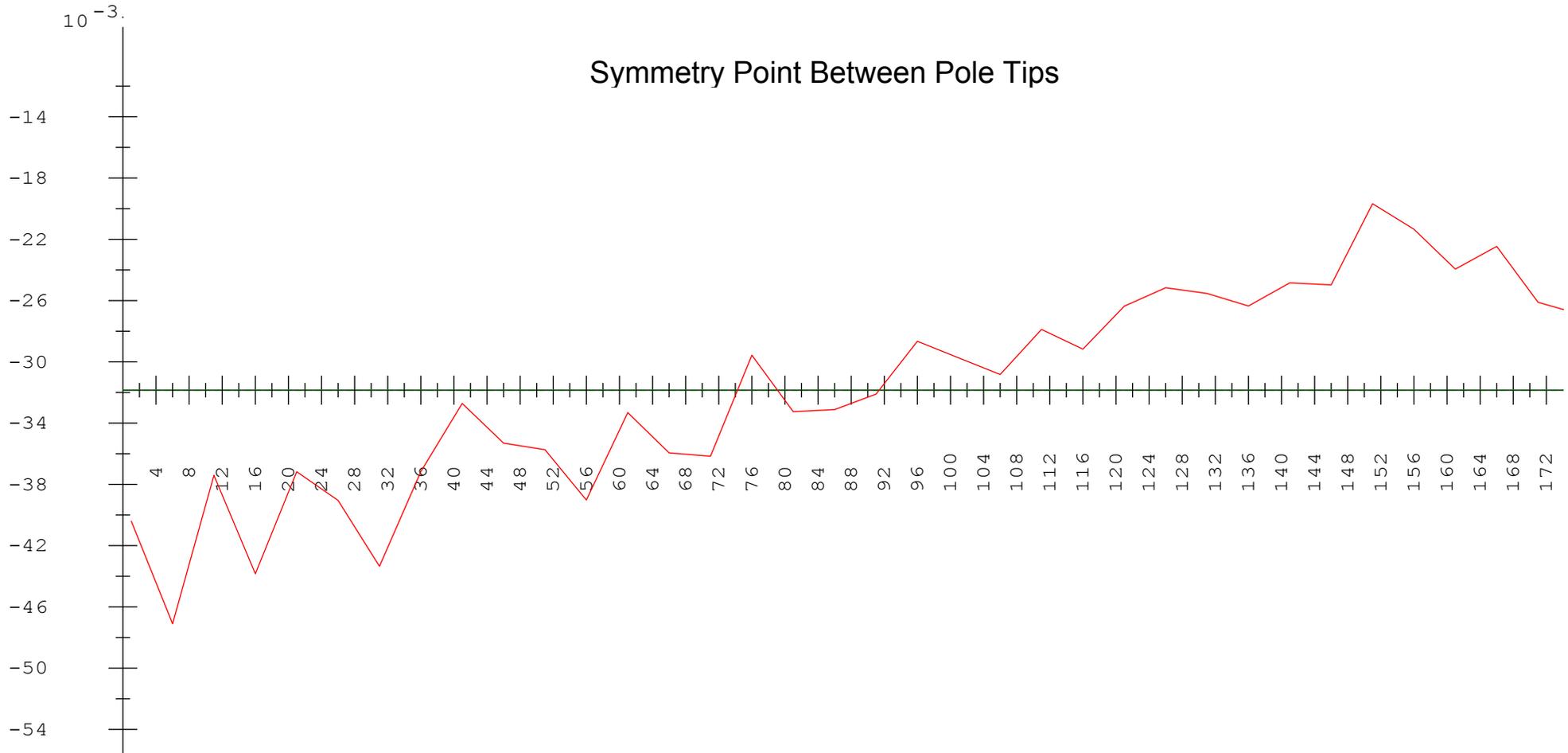


LCLS II - SXR Undulator

Nominal Gap = 11 Nominal Taper = 0.000
 Gap Reading = 11.0000 US Encoder = 11.0000 DS Encoder = 11.0000

05-APR-2019
 S/N = 002
 D/S = 0001
 Run = 8

Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0319

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11 Nominal Taper = 0.000
 Gap Reading = 11.0000 US Encoder = 11.0000 DS Encoder = 11.0000

05-APR-2019
 S/N = 002
 D/S = 0001
 Run = 8

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	5.4932	5.4989	5.5133	5.5192
Bottom	-5.5774	-5.5741	-5.5657	-5.5623
Gap	11.0706			11.0815
Taper				0.0109

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.5059	-5.5696	11.0756	-0.0319

Additional Calculated Values

Bottom Pole #1 Z Value	980.303
Top Jaw Pitch (mrad)	0.008
Bottom Jaw Pitch(mrad)	0.004
Minimum Effective Gap	11.032
Reference Block Gap	6.810

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11 Nominal Taper = 0.000
 Gap Reading = 11.0000 US Encoder = 11.0000 DS Encoder = 11.0000

05-APR-2019
 S/N = 002
 D/S= 0001
 Run= 8