

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 87

Regression Line Through Points = -----

Dimensions in mm

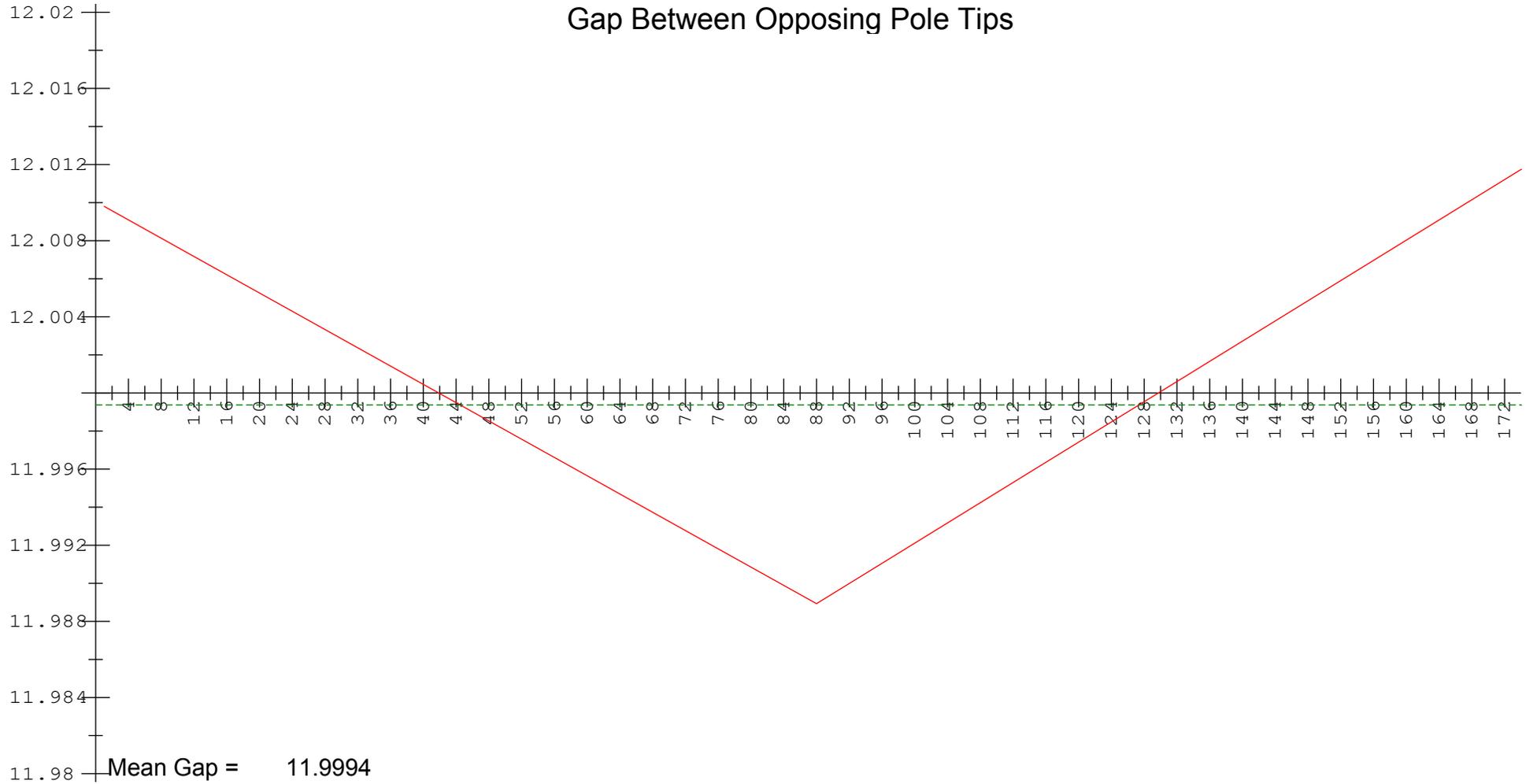


LCLS II - SXR Undulator

Nominal Gap = 12 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 37

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 87

Dimensions in mm

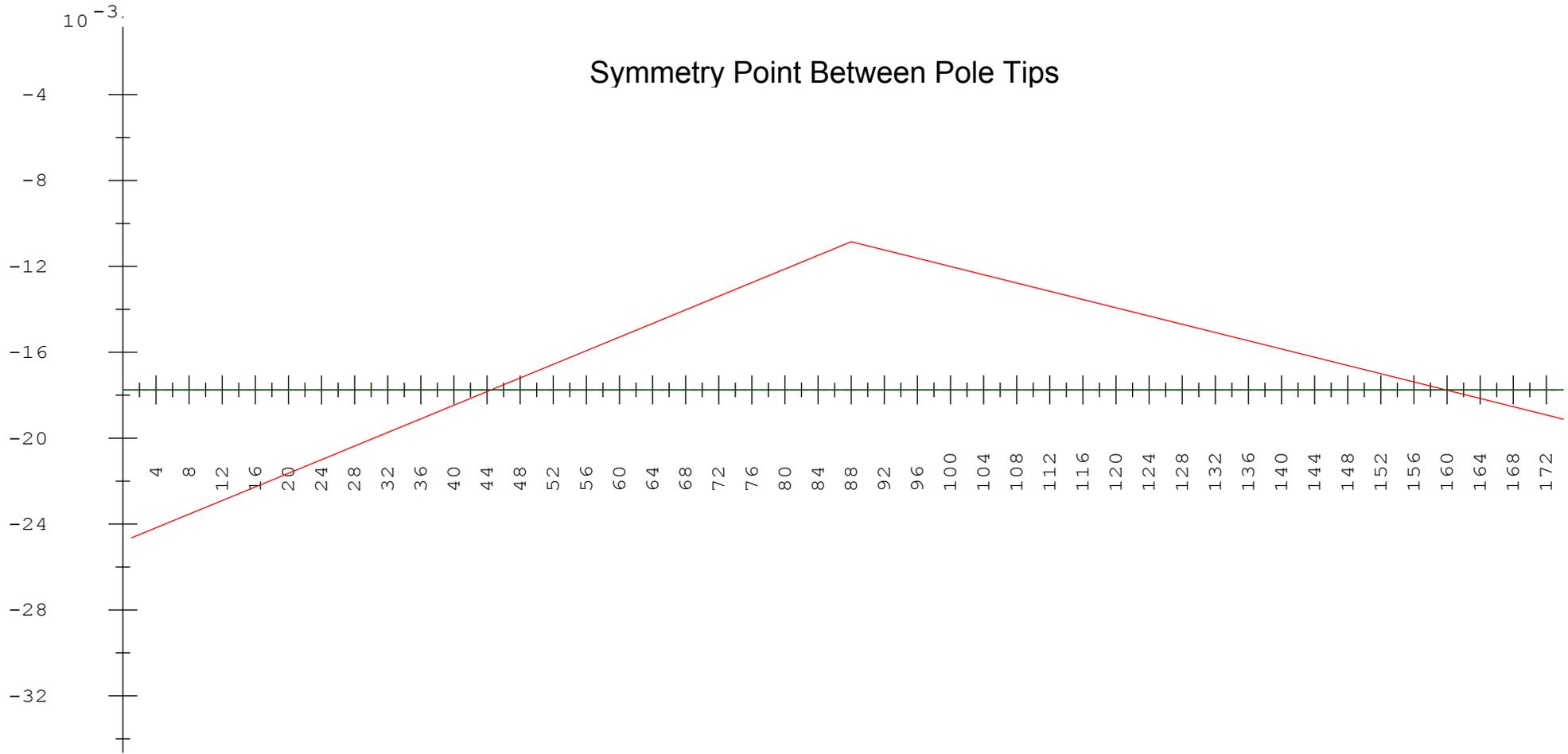


LCLS II - SXR Undulator

Nominal Gap = 12 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 37

Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0178

Step Between Measured Pole Tips = 87

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 12 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 37

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	5.9803	5.9817	5.9853	5.9868
Bottom	-6.0223	-6.0213	-6.0187	-6.0176
Gap	12.0026			12.0044
Taper				0.0018

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.9819	-6.0174	11.9994	-0.0178

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	11.986
Reference Block Gap	6.801

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 12 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 37