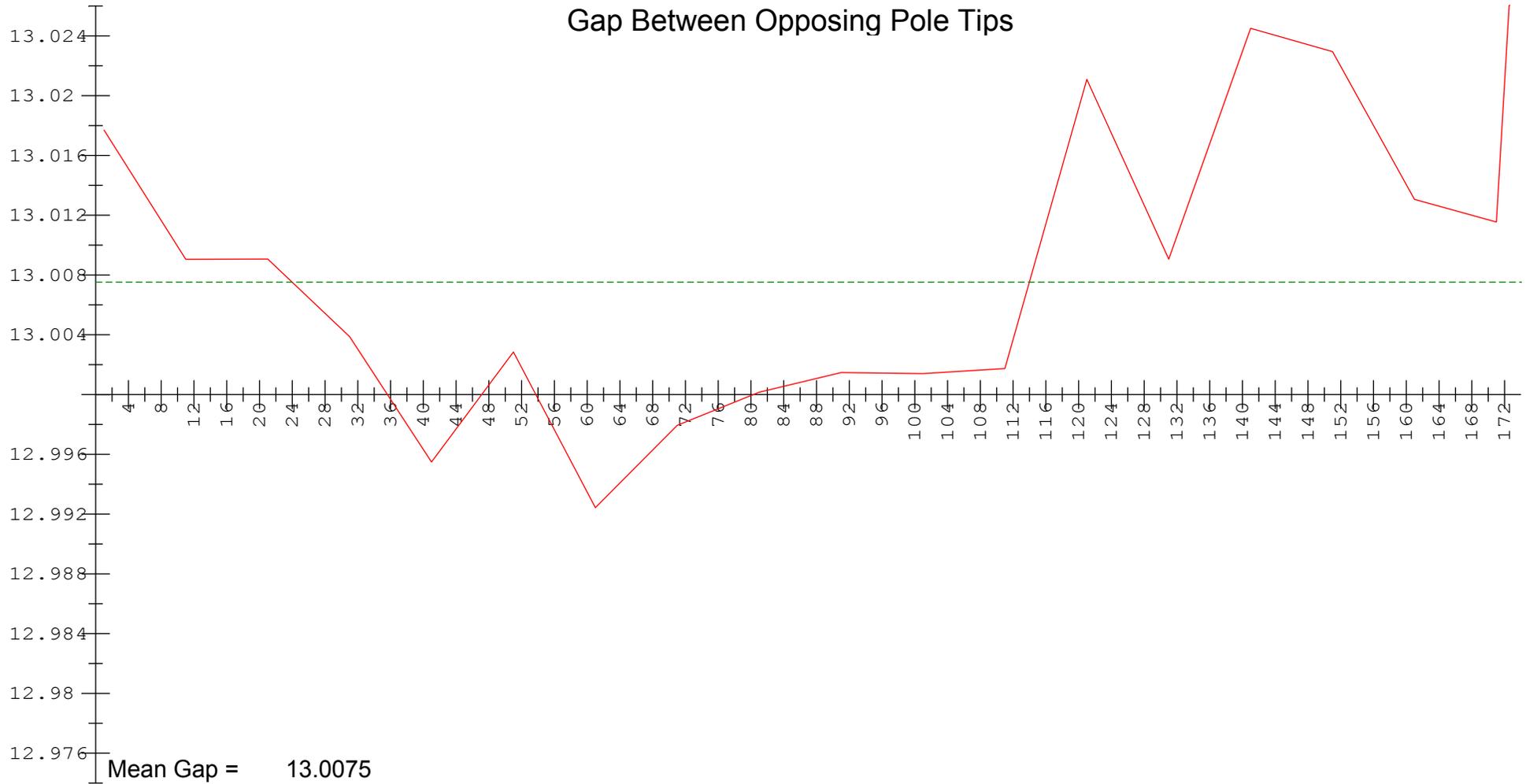


Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 10

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

	LCLS II - SXR Undulator		19-APR-2018
	Nominal Gap = 13		S/N = 009
	Nominal Taper = 0.000		D/S = 0001
Gap Reading = 13.0001		US Encoder = 13.0001	Run = 8
DS Encoder = 13.0001			

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

Dimensions in mm

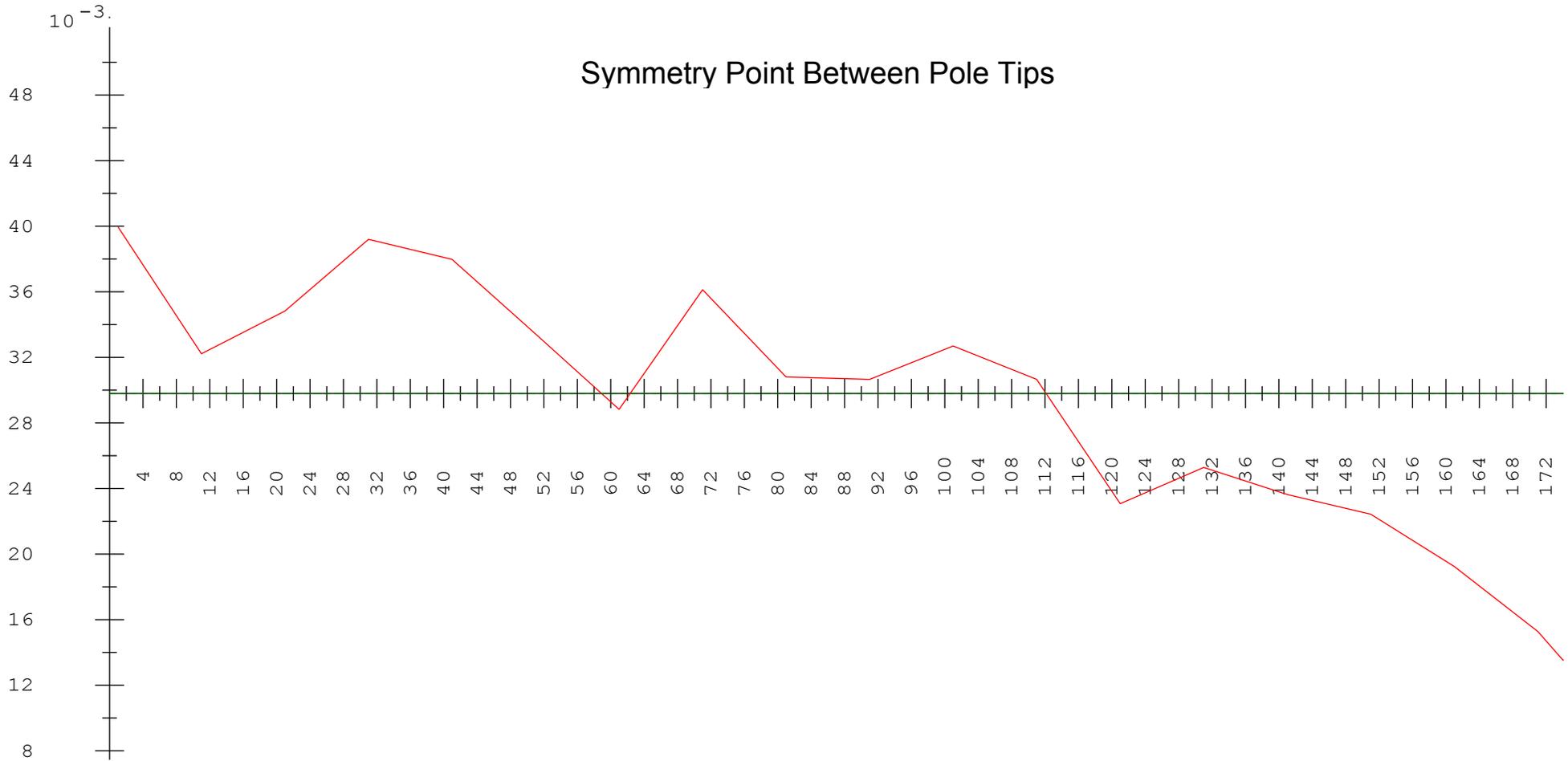


LCLS II - SXR Undulator

Nominal Gap = 13 Nominal Taper = 0.000
 Gap Reading = 13.0001 US Encoder = 13.0001 DS Encoder = 13.0001

19-APR-2018
 S/N = 009
 D/S = 0001
 Run = 8

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0298

Step Between Measured Pole Tips = 10

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 13 Nominal Taper = 0.000
 Gap Reading = 13.0001 US Encoder = 13.0001 DS Encoder = 13.0001

19-APR-2018
 S/N = 009
 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	6.5400	6.5373	6.5303	6.5275
Bottom	-6.4595	-6.4664	-6.4836	-6.4907
Gap	12.9995			13.0182
Taper				0.0187

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.5336	-6.4740	13.0075	0.0298

Additional Calculated Values

Bottom Pole #1 Z Value	979.421
Top Jaw Pitch (mrad)	-0.004
Bottom Jaw Pitch(mrad)	-0.009
Minimum Effective Gap	12.981
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 13 Nominal Taper = 0.000
 Gap Reading = 13.0001 US Encoder = 13.0001 DS Encoder = 13.0001

19-APR-2018
 S/N = 009
 D/S= 0001
 Run= 8