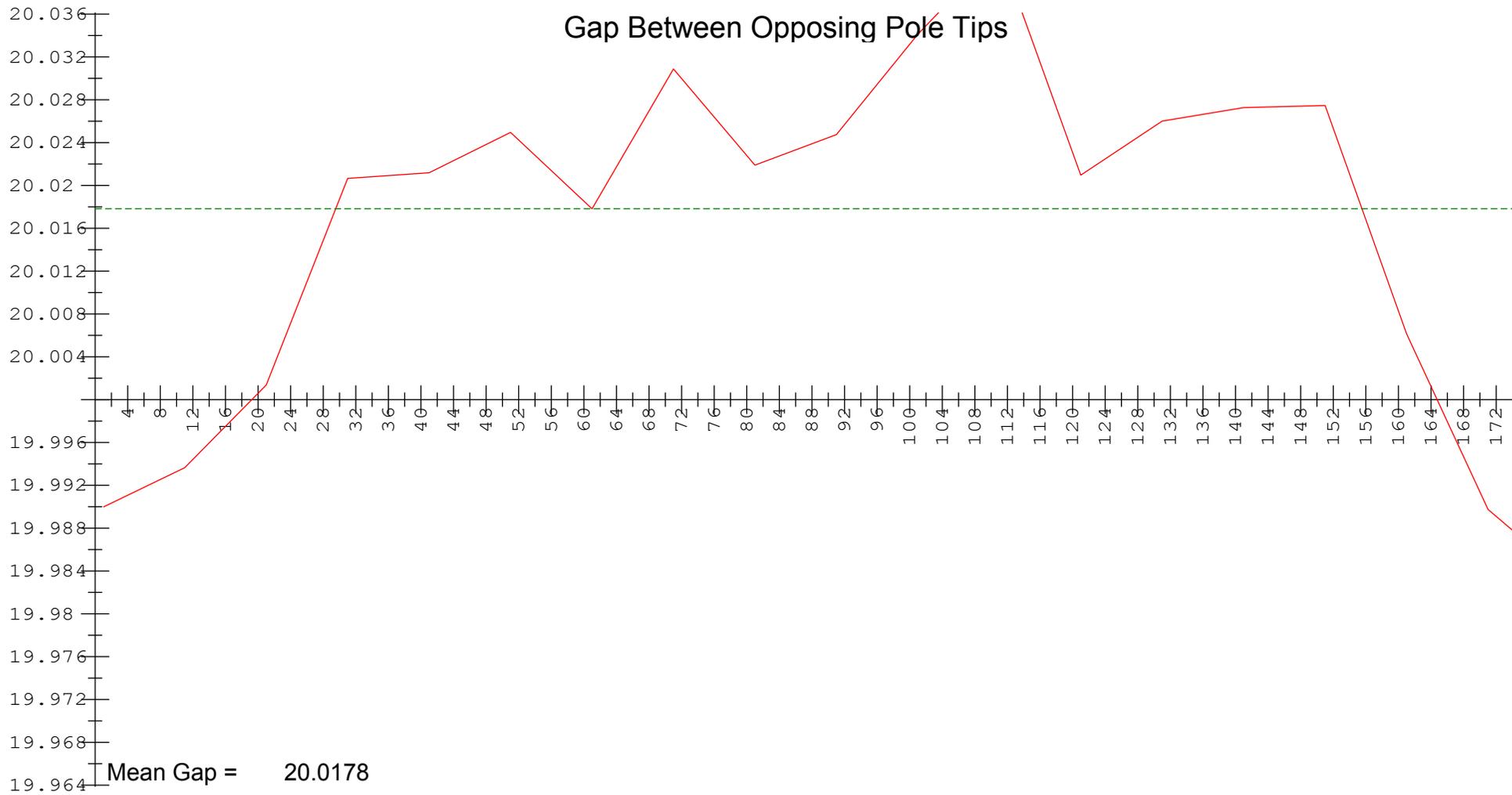


Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 10

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

	LCLS II - SXR Undulator		22-NOV-2019
	Nominal Gap = 20	Nominal Taper = 0.000	S/N = 021
	Gap Reading = 20.0000	US Encoder = 0.0200	DS Encoder = 0.0200
			Run = 13



Step Between Measured Pole Tips = 10

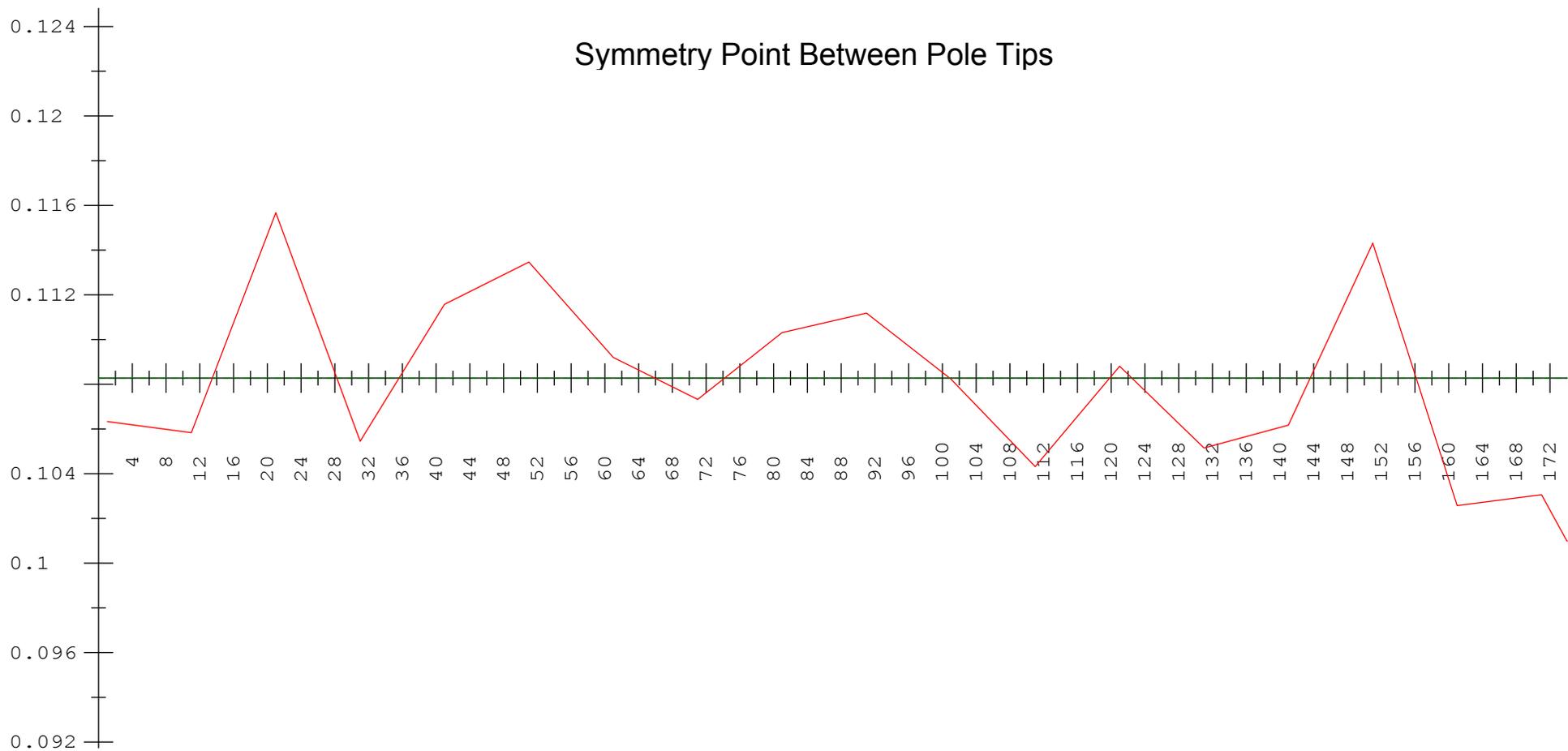
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0000 US Encoder = 0.0200 DS Encoder = 0.0200

22-NOV-2019
 S/N = 021
 D/S = 0001
 Run = 13



Mean Symmetry Value = 0.1083

Step Between Measured Pole Tips = 10

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0000 US Encoder = 0.0200 DS Encoder = 0.0200

22-NOV-2019
 S/N = 021
 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	10.1178	10.1171	10.1151	10.1143
Bottom	-9.8965	-9.8981	-9.9021	-9.9037
Gap	20.0143			20.0181
Taper				0.0038

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.1172	-9.9006	20.0178	0.1083

Additional Calculated Values

Bottom Pole #1 Z Value	980.155
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	-0.002
Minimum Effective Gap	19.980
Reference Block Gap	6.799

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0000 US Encoder = 0.0200 DS Encoder = 0.0200

22-NOV-2019
 S/N = 021
 D/S= 0001
 Run= 13