

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm

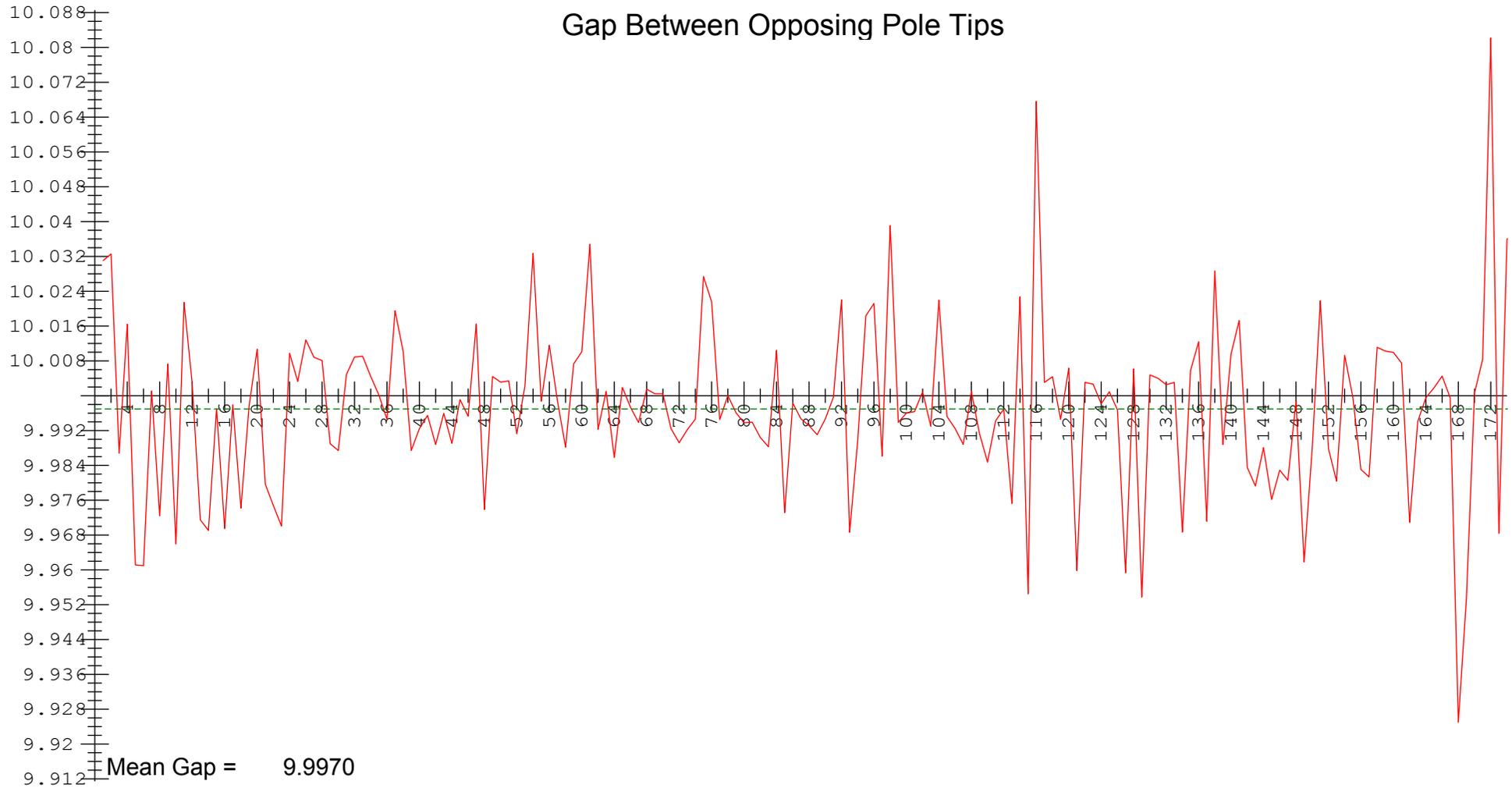


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

07-MAY-2018
 S/N = 009
 D/S = 0001
 Run = 22

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

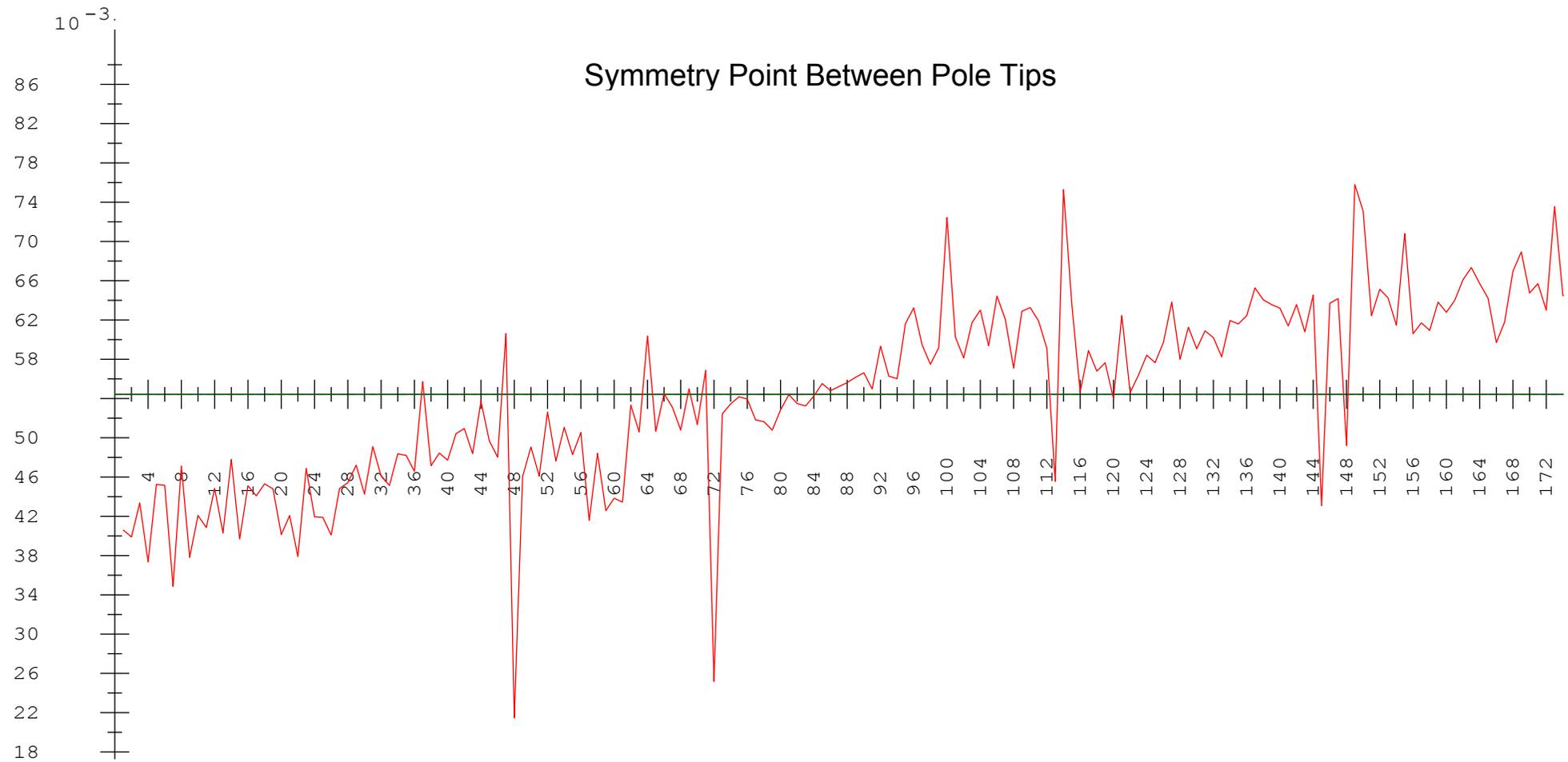
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

07-MAY-2018
 S/N = 009
 D/S = 0001
 Run = 22



Mean Symmetry Value = 0.0544

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

07-MAY-2018
 S/N = 009
 D/S = 0001
 Run = 22

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	5.0402	5.0458	5.0599	5.0657
Bottom	-4.9574	-4.9516	-4.9367	-4.9307
Gap	9.9976			9.9963
Taper				-0.0013

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0529	-4.9441	9.9970	0.0544

Additional Calculated Values

Bottom Pole #1 Z Value	979.386
Top Jaw Pitch (mrad)	0.008
Bottom Jaw Pitch(mrad)	0.008
Minimum Effective Gap	9.904
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

07-MAY-2018
 S/N = 009
 D/S= 0001
 Run= 22