

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 1

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



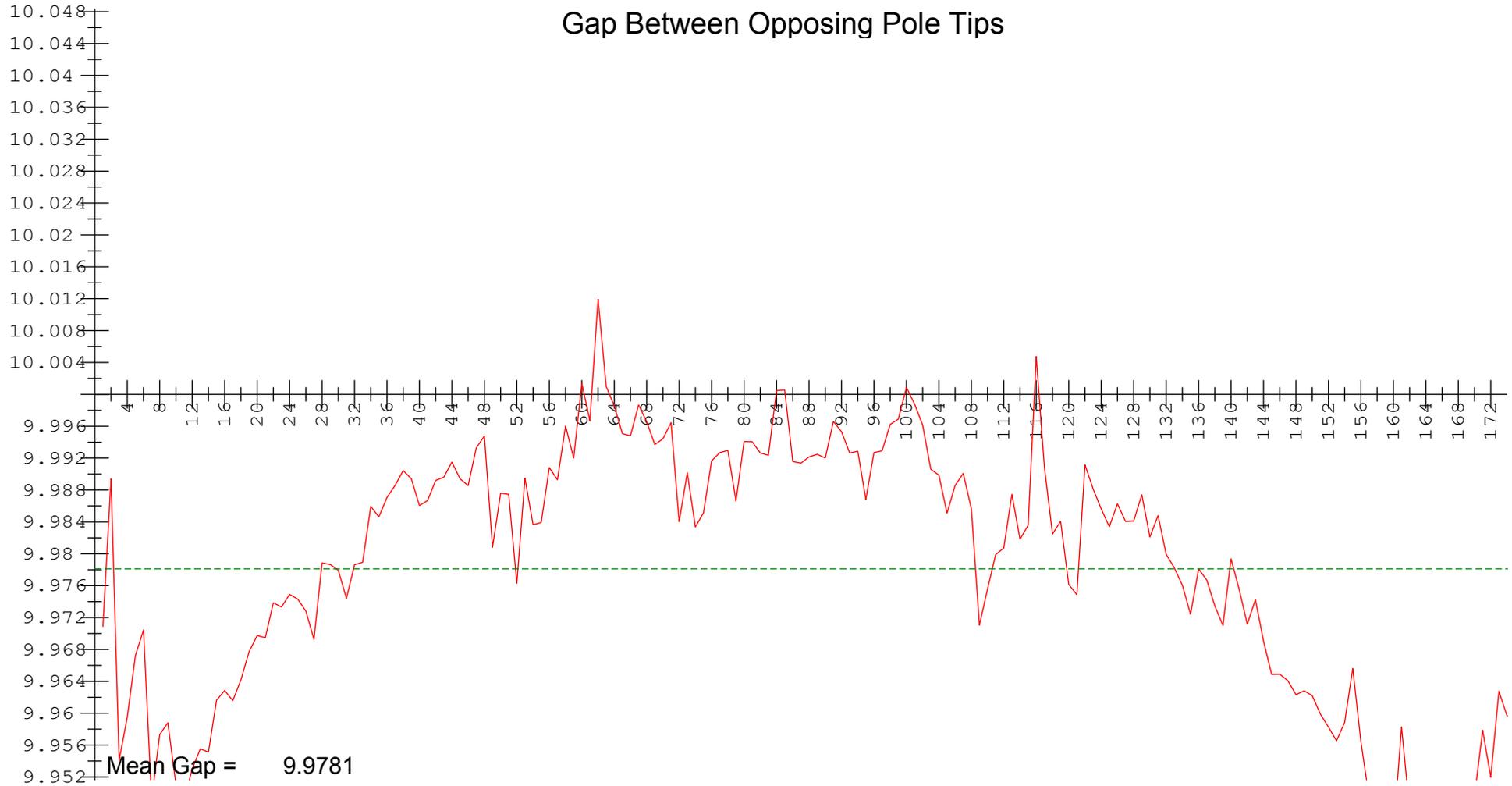
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

21-AUG-2018
 S/N = 014
 D/S = 0001
 Run = 2

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

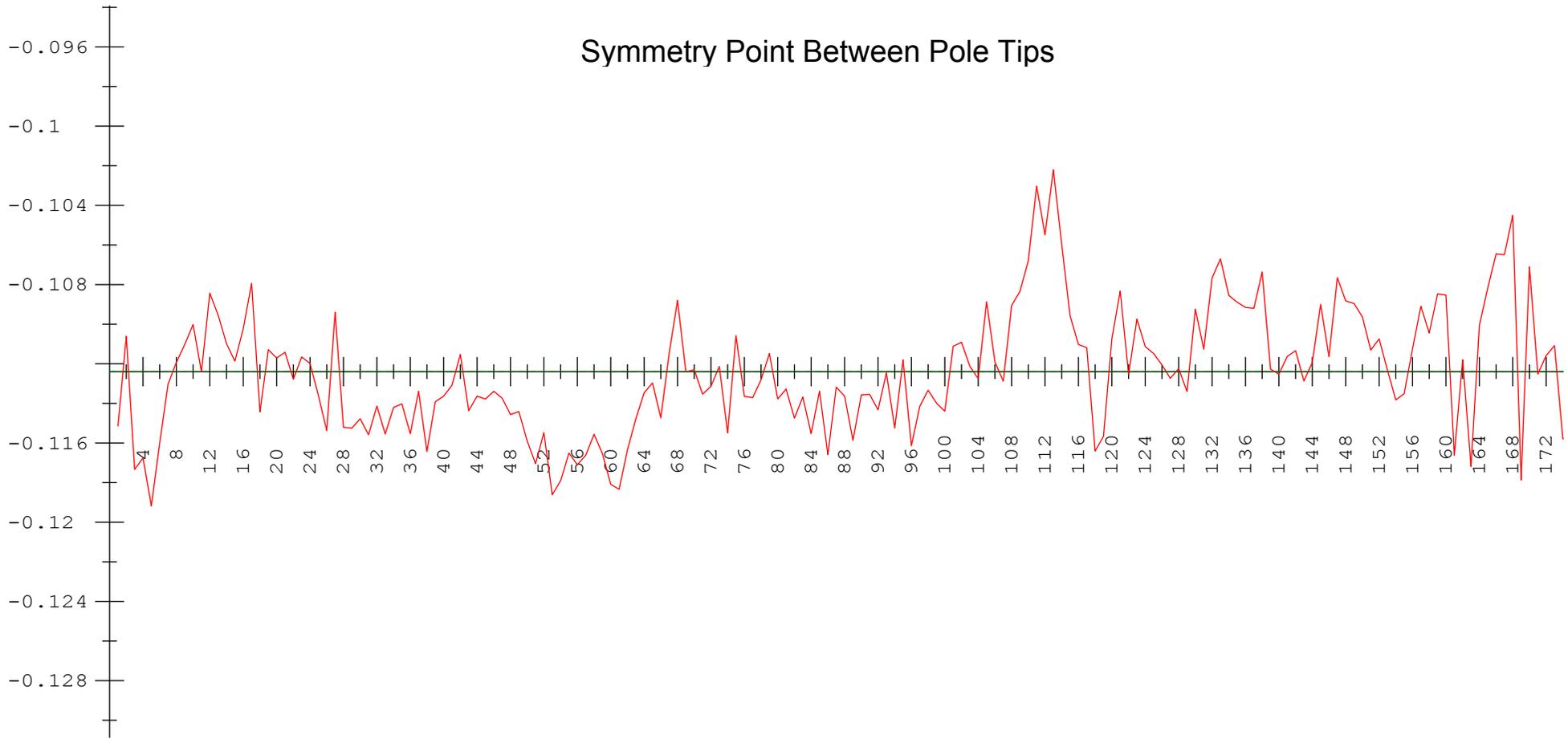


LCLS II - SXR Undulator

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

21-AUG-2018
 S/N = 014
 D/S = 0001
 Run = 2

Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.1124

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

21-AUG-2018
 S/N = 014
 D/S = 0001
 Run = 2

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	4.8783	4.8776	4.8757	4.8750
Bottom	-5.1074	-5.1048	-5.0982	-5.0955
Gap	9.9857			9.9705
Taper				-0.0152

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.8767	-5.1015	9.9781	-0.1124

Additional Calculated Values

Bottom Pole #1 Z Value	979.941
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.004
Minimum Effective Gap	9.926
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

21-AUG-2018
 S/N = 014
 D/S= 0001
 Run= 2