

Minimum Effective Gap = 12.945

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 7

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

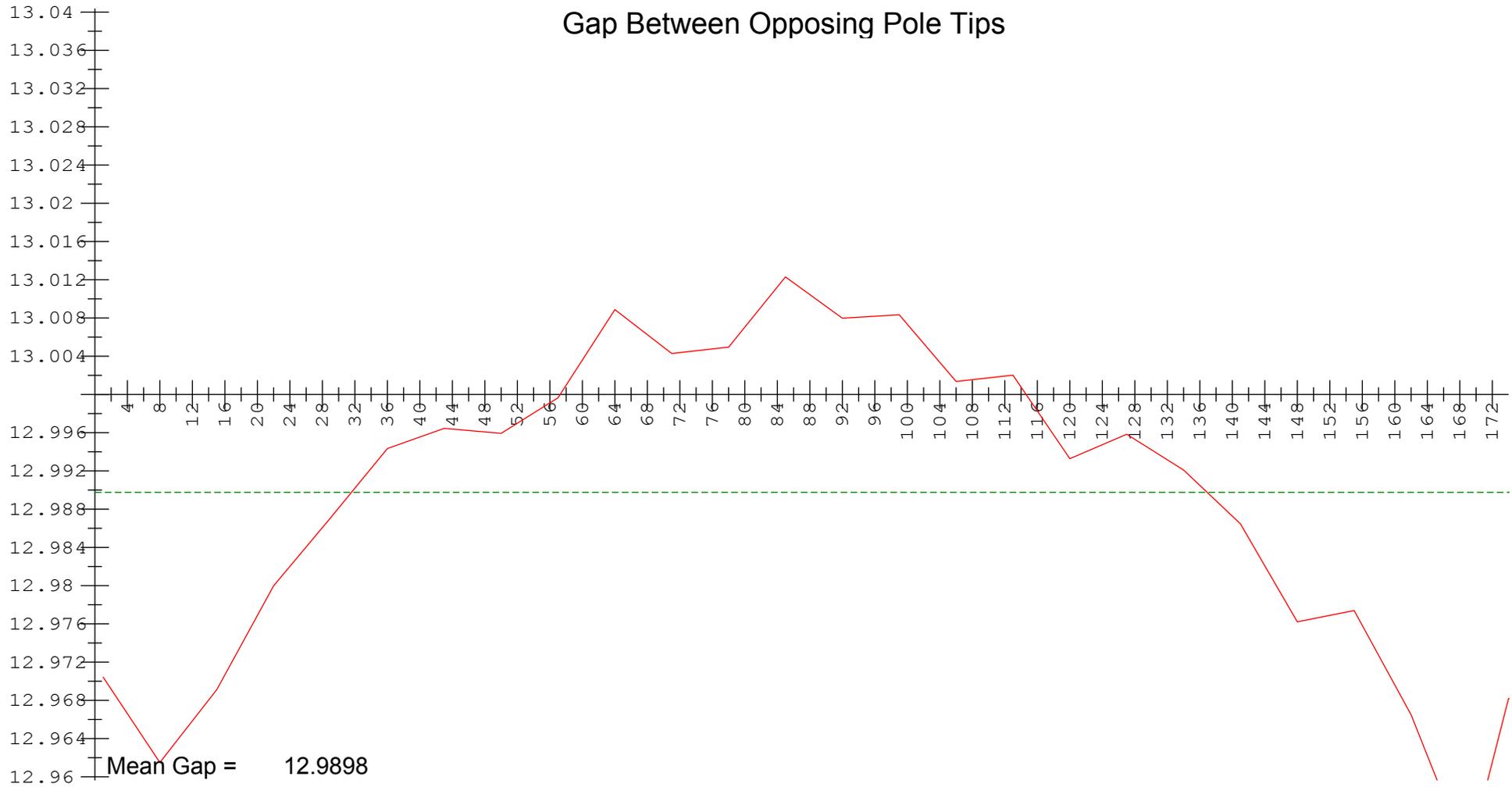


LCLS II - SXR Undulator

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

21-AUG-2018
S/N = 014
D/S = 0001
Run = 8

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

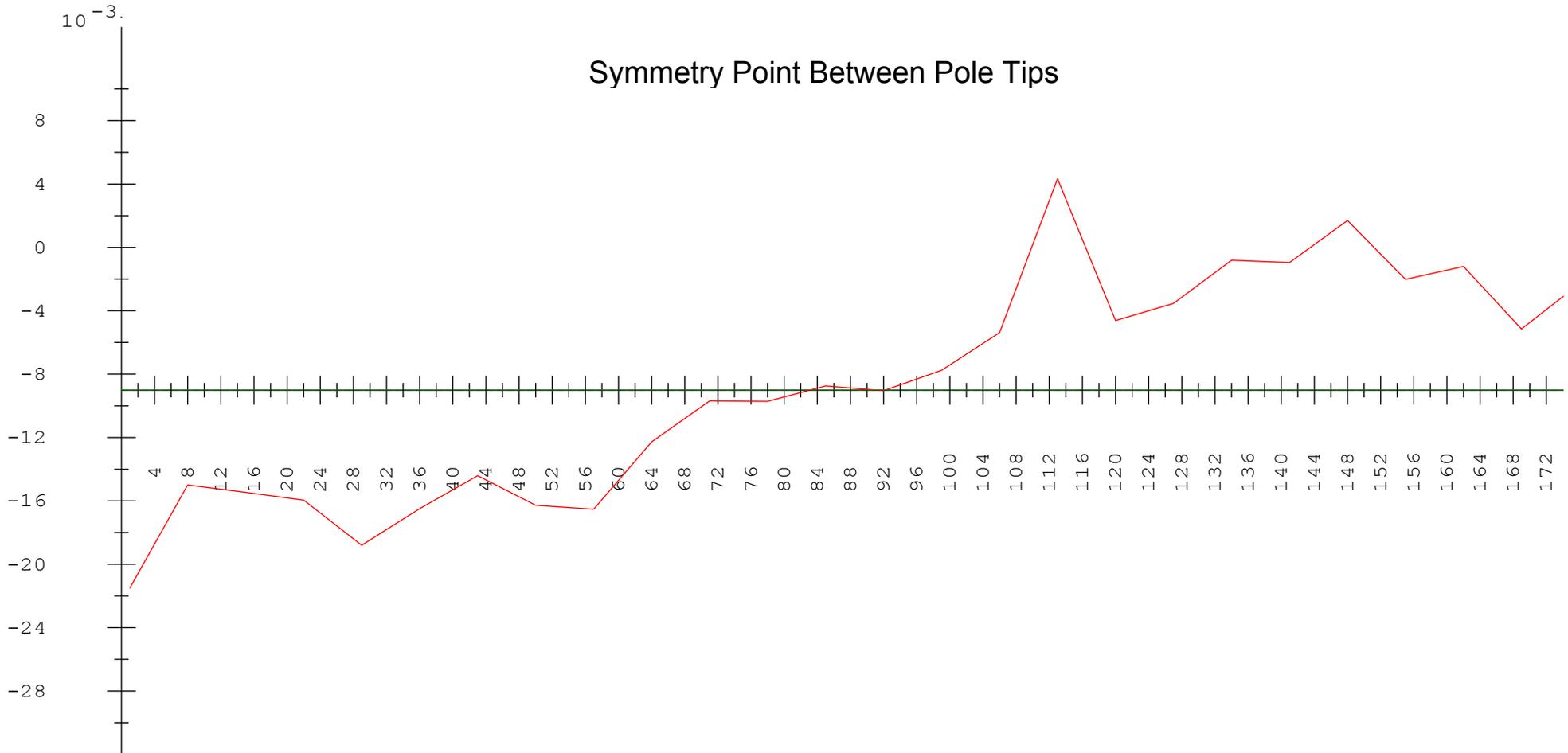


LCLS II - SXR Undulator

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

21-AUG-2018
 S/N = 014
 D/S = 0001
 Run = 8

Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0090

Step Between Measured Pole Tips = 7

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

21-AUG-2018
 S/N = 014
 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	6.4772	6.4809	6.4902	6.4940
Bottom	-6.5154	-6.5101	-6.4968	-6.4914
Gap	12.9926			12.9853
Taper				-0.0072

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.4859	-6.5039	12.9898	-0.0090

Additional Calculated Values

Bottom Pole #1 Z Value	979.941
Top Jaw Pitch (mrad)	0.005
Bottom Jaw Pitch(mrad)	0.007
Minimum Effective Gap	12.945
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

21-AUG-2018
 S/N = 014
 D/S= 0001
 Run= 8