

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 87

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

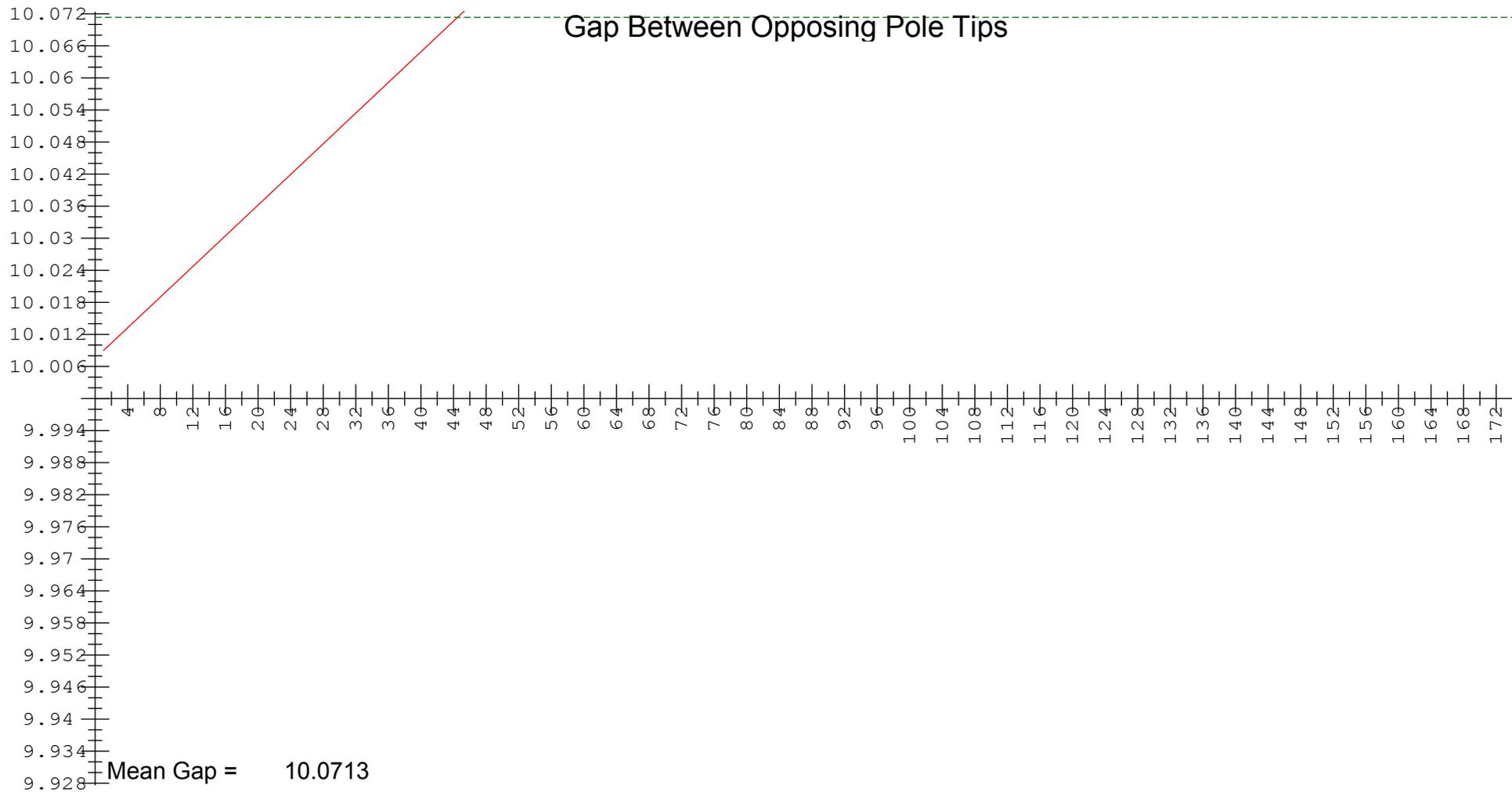
Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019

S/N = 001

D/S = 0007

Run = 47



Step Between Measured Pole Tips = 87

Dimensions in mm

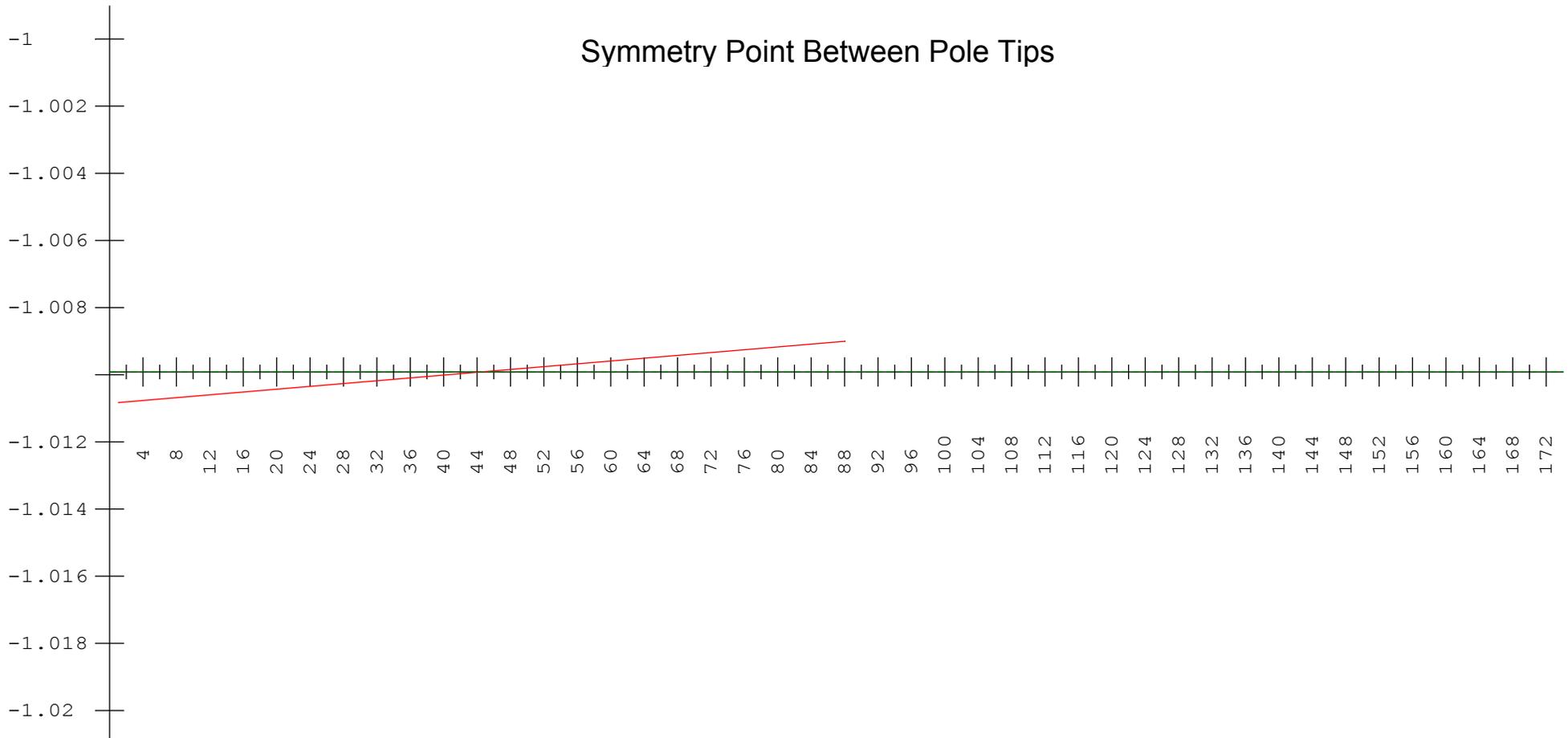


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 47

Symmetry Point Between Pole Tips



Mean Symmetry Value = -1.0099

Step Between Measured Pole Tips = 87

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 47

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	3.9925	4.0221	4.0968	4.1271
Bottom	-6.0083	-6.0440	-6.1340	-6.1705
Gap	10.0008			10.2976
Taper				0.2968

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.0258	-6.0456	10.0713	-1.0099

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.040
Bottom Jaw Pitch(mrad)	-0.048
Minimum Effective Gap	10.009
Reference Block Gap	6.801

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

12-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 47