

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 = 12 Nominal Taper = 0.000
 Gap Reading = 12.0000 US Encoder = 12.0000 DS Encoder = 12.0000

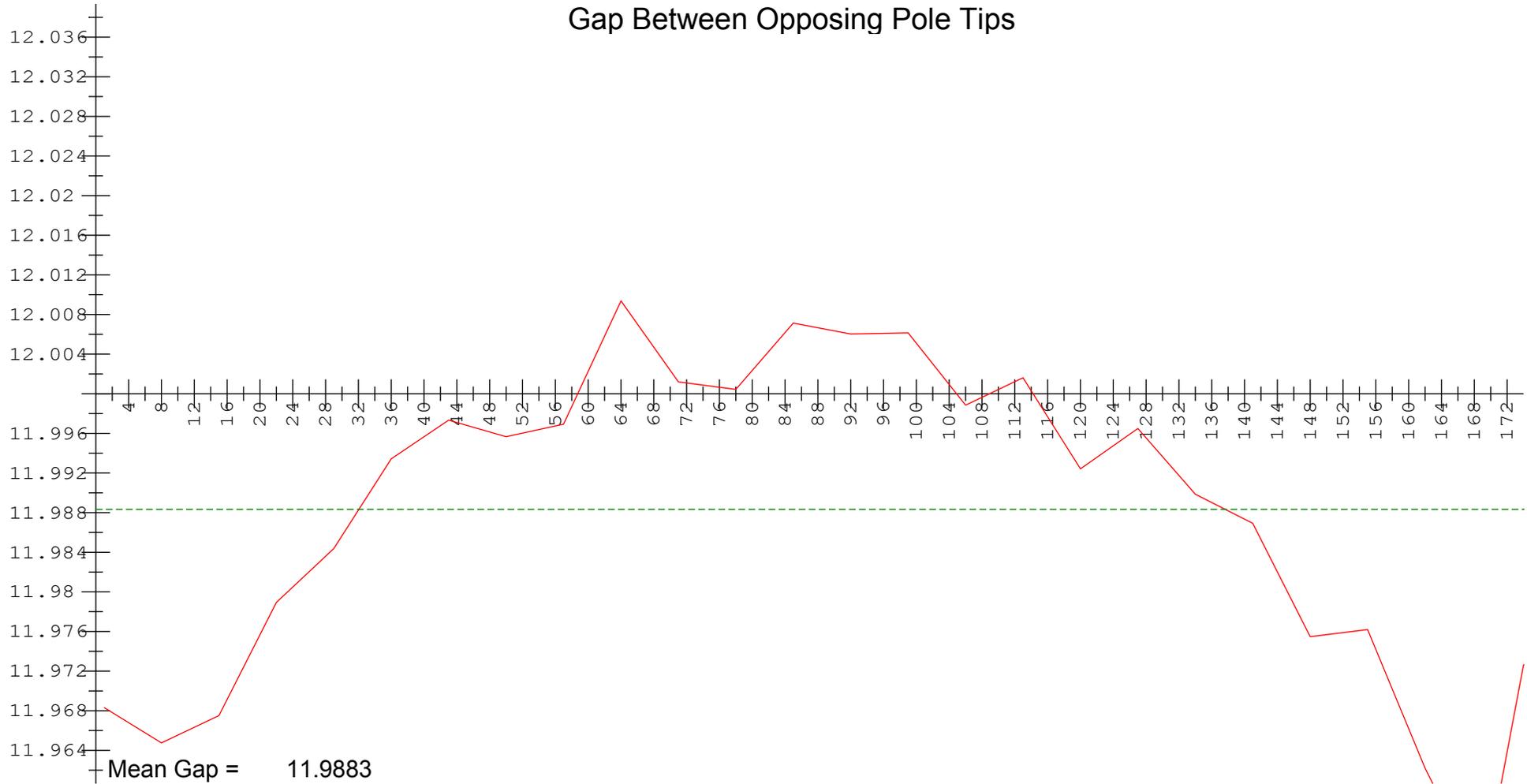
21-AUG-2018

S/N = 014

D/S = 0001

Run = 7

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

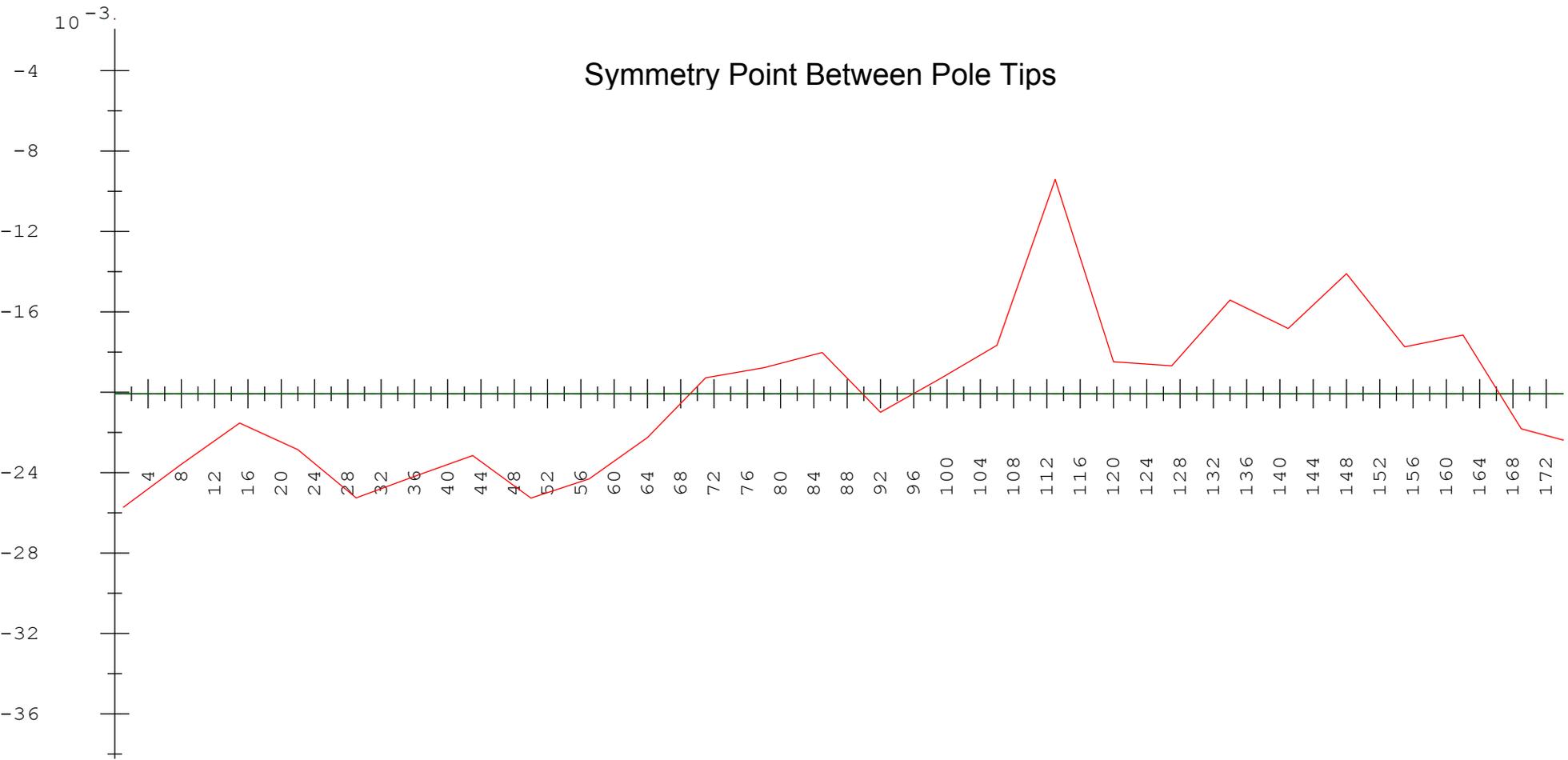
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 12 Nominal Taper = 0.000
 Gap Reading = 12.0000 US Encoder = 12.0000 DS Encoder = 12.0000

21-AUG-2018
 S/N = 014
 D/S = 0001
 Run = 7



Mean Symmetry Value = -0.0201

Step Between Measured Pole Tips = 7

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 12 Nominal Taper = 0.000
 Gap Reading = 12.0000 US Encoder = 12.0000 DS Encoder = 12.0000

21-AUG-2018
 S/N = 014
 D/S = 0001
 Run = 7

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	5.9714	5.9724	5.9749	5.9759
Bottom	-6.0197	-6.0173	-6.0110	-6.0084
Gap	11.9912			11.9844
Taper				-0.0068

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.9741	-6.0142	11.9883	-0.0201

Additional Calculated Values

Bottom Pole #1 Z Value	979.941
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.003
Minimum Effective Gap	11.951
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 12 Nominal Taper = 0.000
 Gap Reading = 12.0000 US Encoder = 12.0000 DS Encoder = 12.0000

21-AUG-2018
 S/N = 014
 D/S= 0001
 Run= 7