

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points =

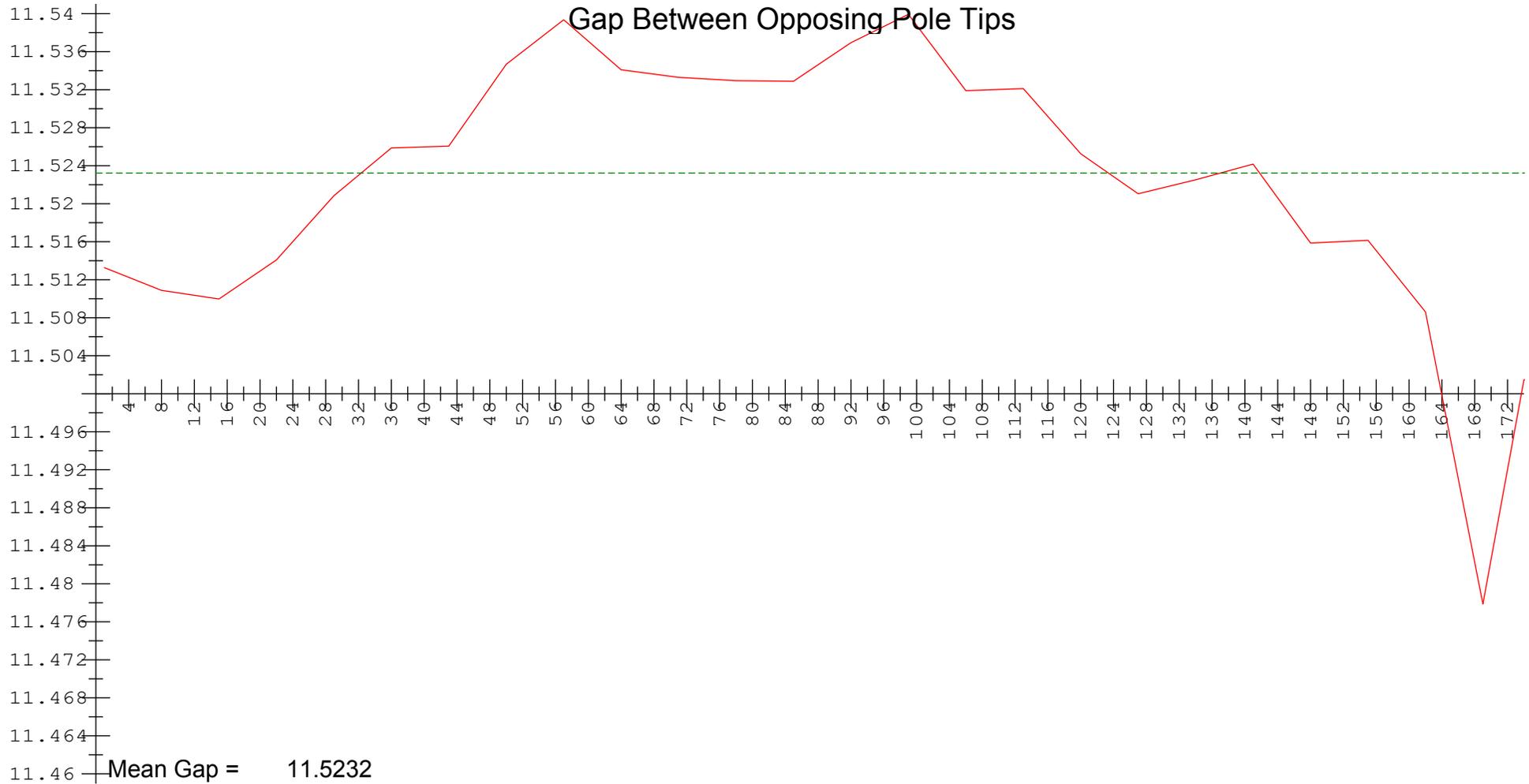
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000
Gap Reading = 11.5000 US Encoder = 11.5000 DS Encoder = 11.5000

15-MAR-2019
S/N = 022
D/S = 0001
Run = 7



Step Between Measured Pole Tips = 7

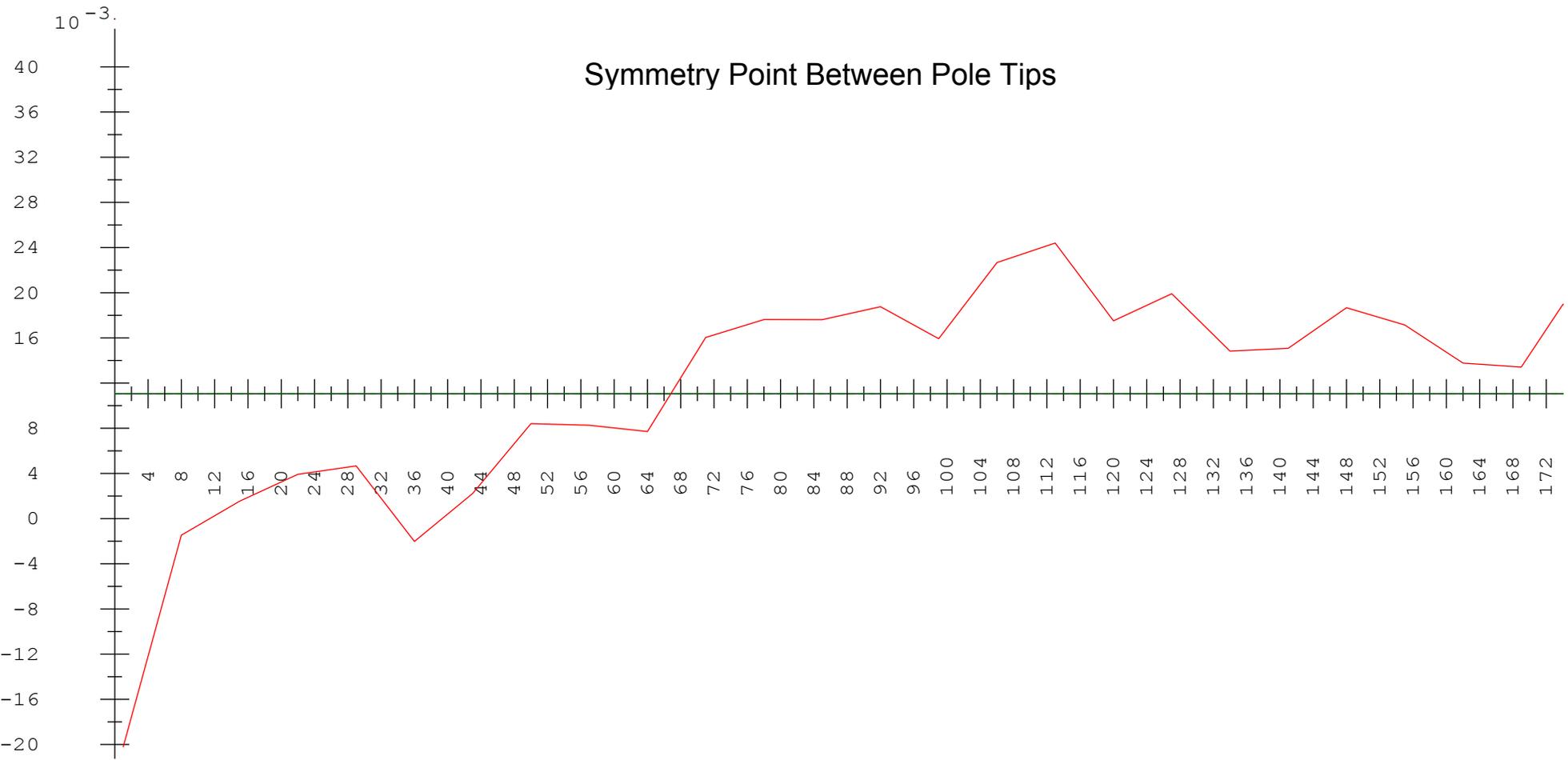
Dimensions in mm



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Mean Symmetry Value = 0.0111

Step Between Measured Pole Tips = 7

Dimensions in mm



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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	5.7635	5.7674	5.7774	5.7814
Bottom	-5.7652	-5.7585	-5.7417	-5.7348
Gap	11.5287			11.5163
Taper				-0.0124

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.7727	-5.7506	11.5232	0.0111

Additional Calculated Values

Bottom Pole #1 Z Value	980.569
Top Jaw Pitch (mrad)	0.005
Bottom Jaw Pitch(mrad)	0.009
Minimum Effective Gap	11.462
Reference Block Gap	6.809

Dimensions in mm



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