

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 30

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



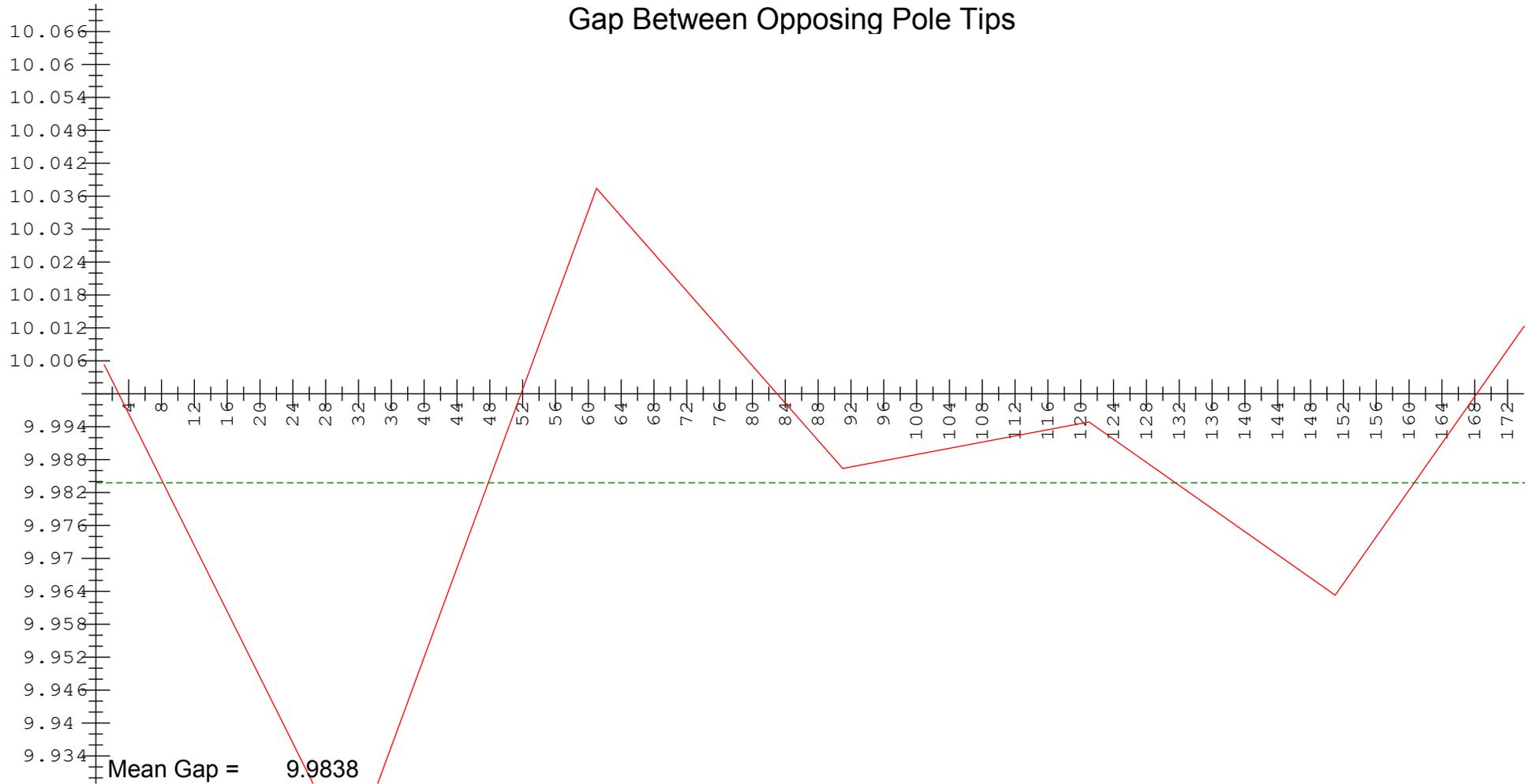
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

08-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 31

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 30

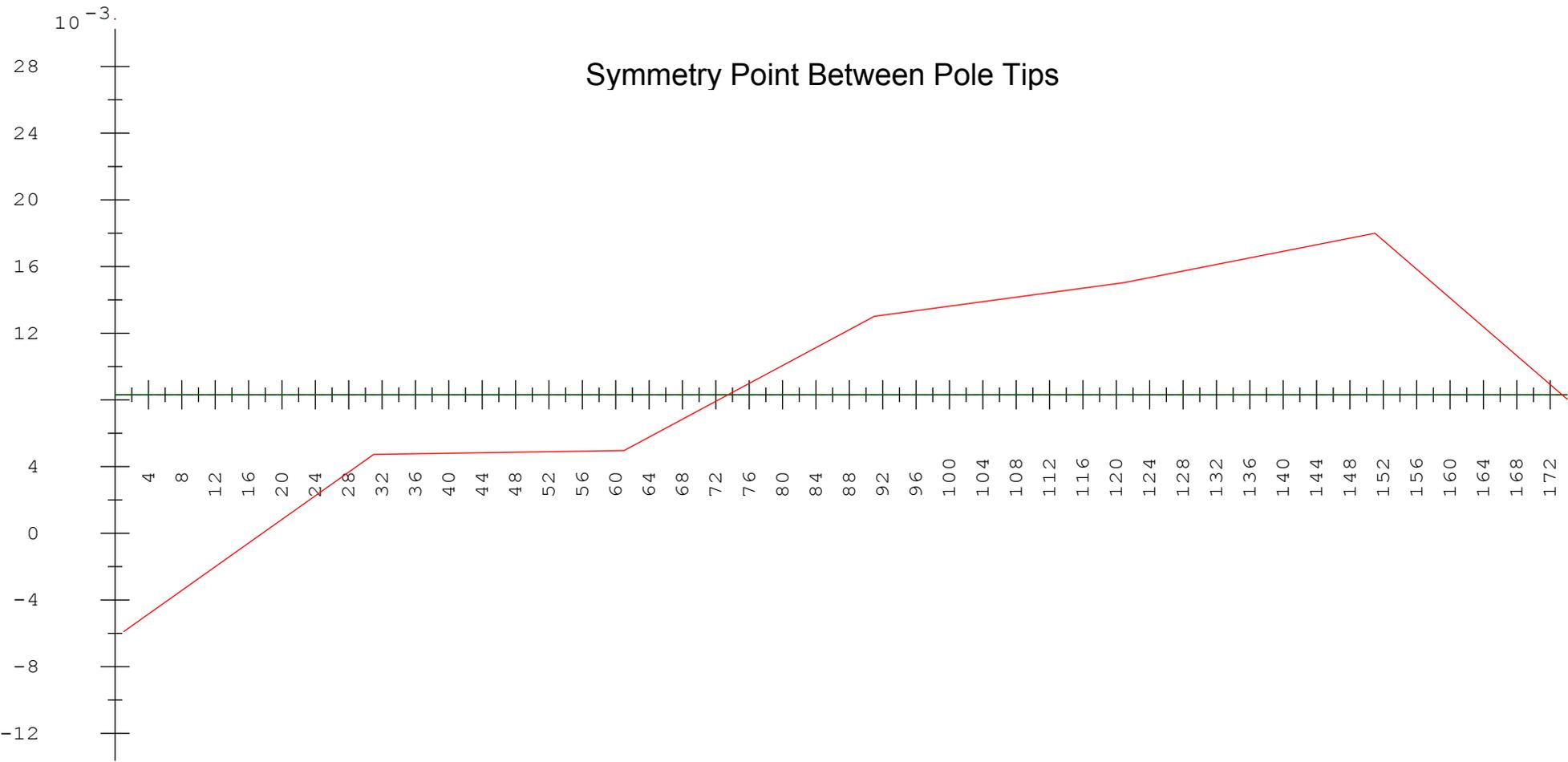
Dimensions in mm



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Mean Symmetry Value = 0.0083

Step Between Measured Pole Tips = 30

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	4.9896	4.9950	5.0085	5.0140
Bottom	-4.9906	-4.9885	-4.9832	-4.9810
Gap	9.9802			9.9950
Taper				0.0148

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0002	-4.9836	9.9838	0.0083

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.007
Bottom Jaw Pitch(mrad)	0.003
Minimum Effective Gap	9.915
Reference Block Gap	6.805

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