

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 1

Regression Line Through Points = 
 Dimensions in mm



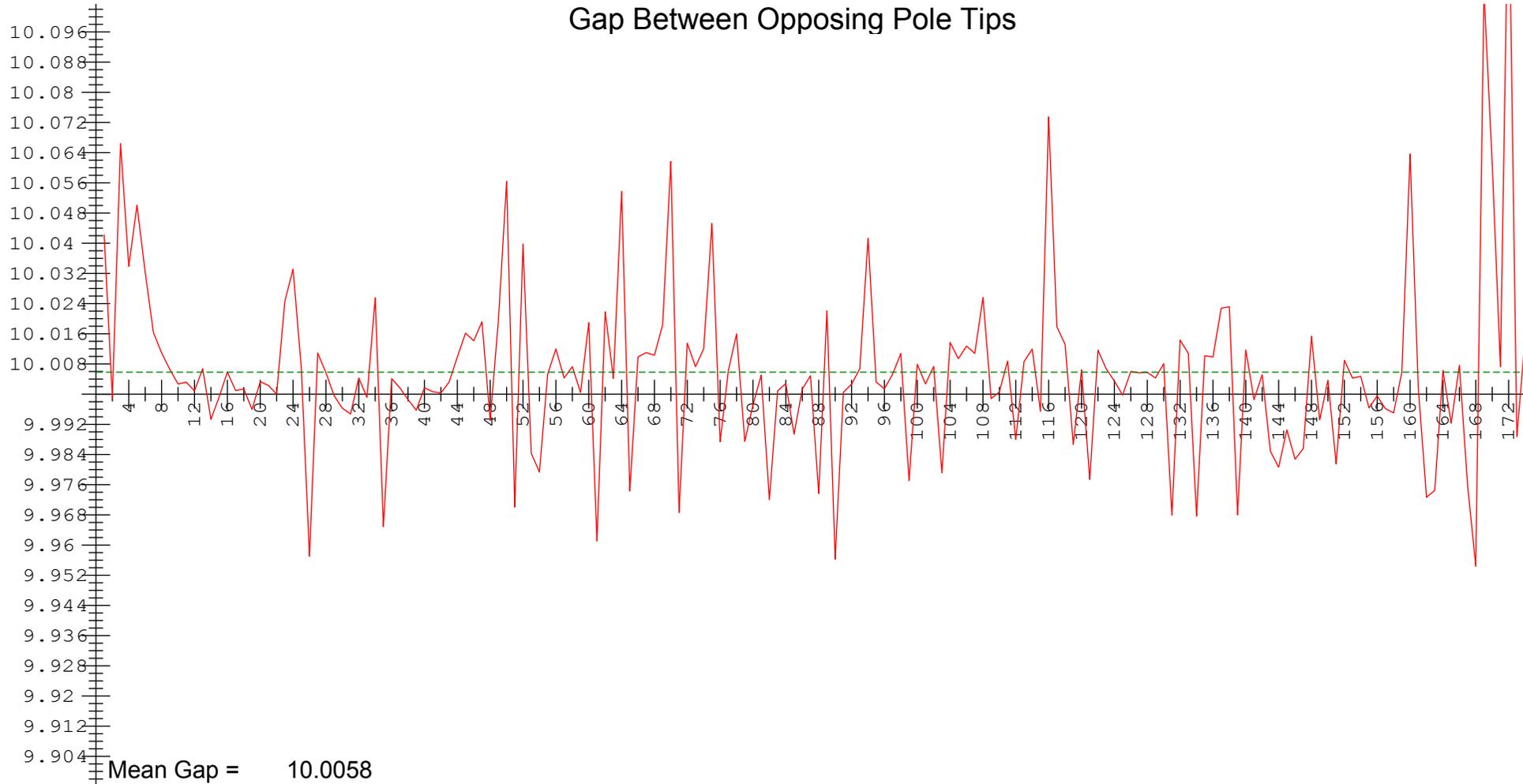
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0011 US Encoder = 10.0010 DS Encoder = 10.0013

07-AUG-2018
 S/N = 011
 D/S = 0002
 Run = 1

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

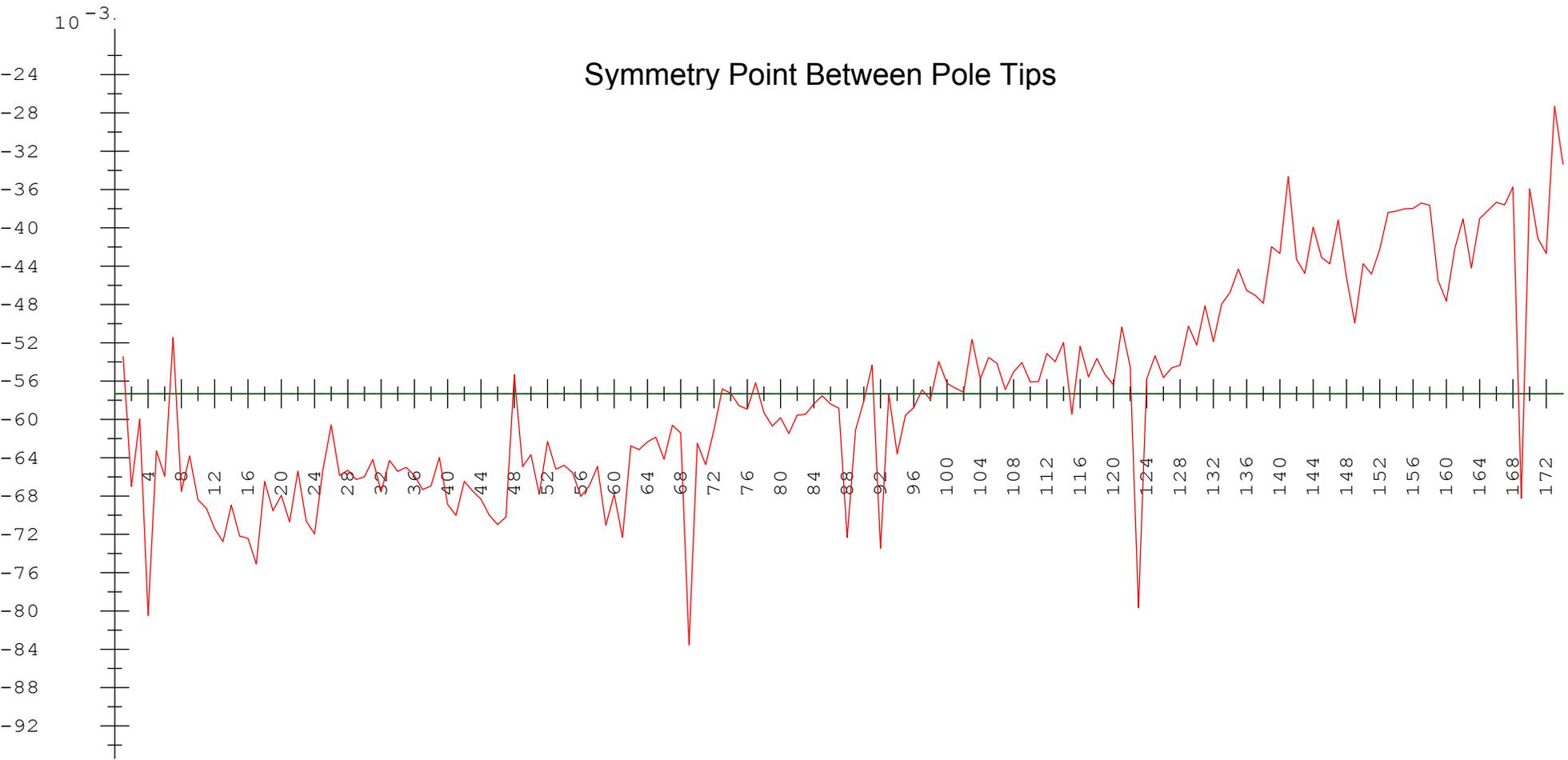
Dimensions in mm



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Mean Symmetry Value = -0.0573

Step Between Measured Pole Tips = 1

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	4.9306	4.9372	4.9538	4.9606
Bottom	-5.0769	-5.0696	-5.0511	-5.0436
Gap	10.0075			10.0042
Taper				-0.0033

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9456	-5.0602	10.0058	-0.0573

Additional Calculated Values

Bottom Pole #1 Z Value	979.809
Top Jaw Pitch (mrad)	0.009
Bottom Jaw Pitch(mrad)	0.010
Minimum Effective Gap	9.921
Reference Block Gap	6.804

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