

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points = -----

Dimensions in mm



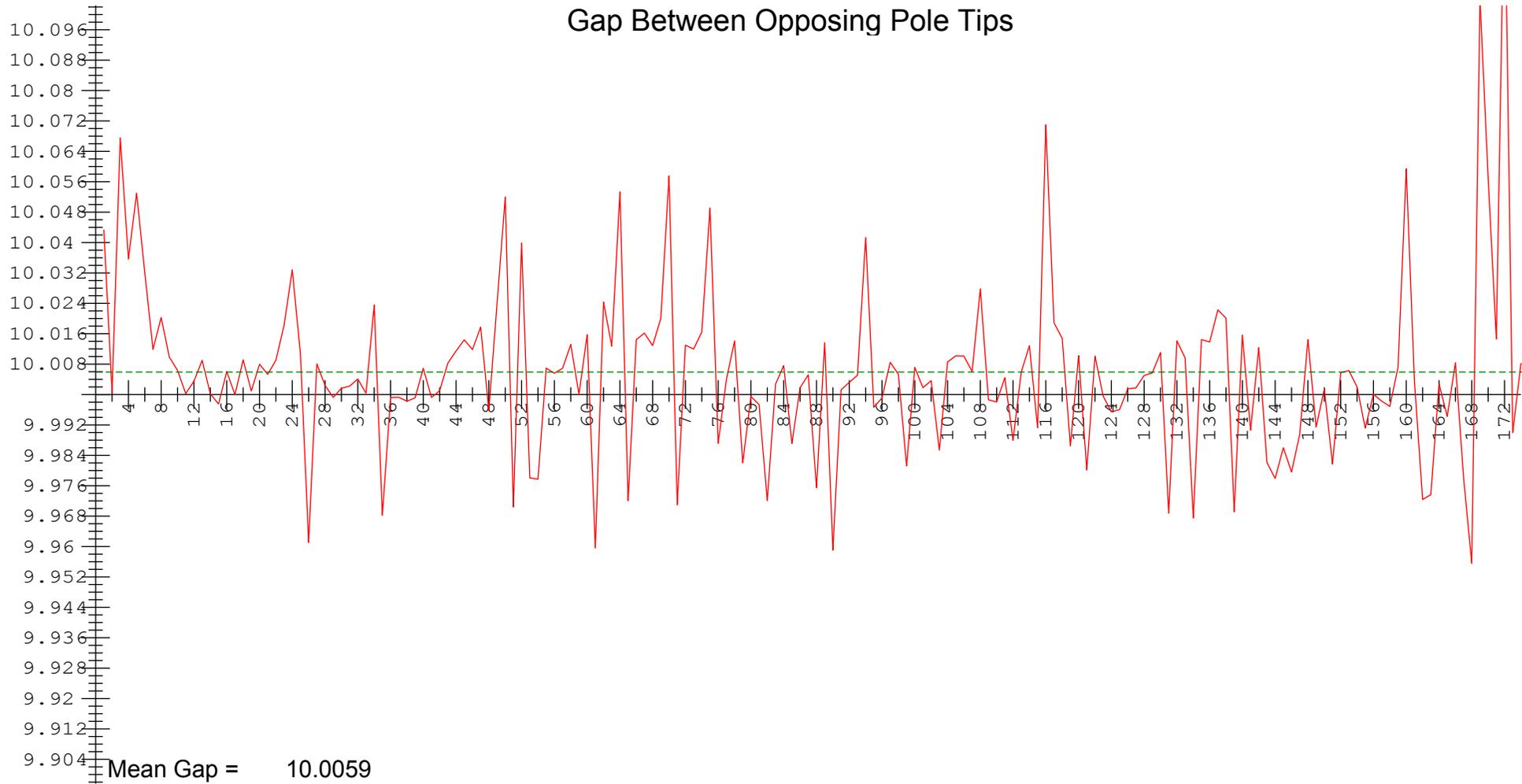
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0010 US Encoder = 10.0010 DS Encoder = 10.0010

07-AUG-2018

S/N = 011
 D/S = 0002
 Run = 2

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

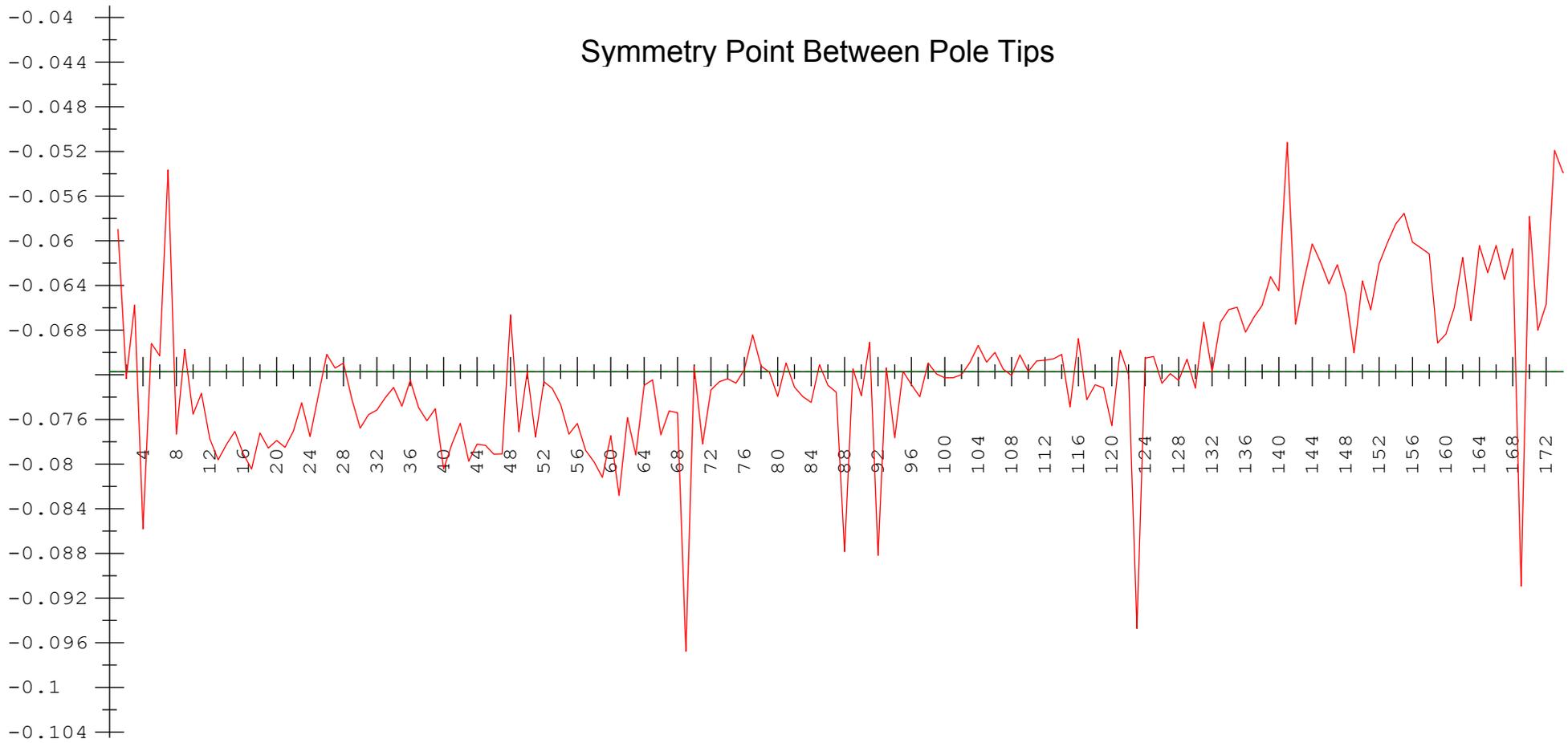


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0717

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	4.9262	4.9284	4.9340	4.9363
Bottom	-5.0828	-5.0792	-5.0702	-5.0665
Gap	10.0090			10.0028
Taper				-0.0061

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9312	-5.0747	10.0059	-0.0717

Additional Calculated Values

Bottom Pole #1 Z Value	979.809
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	9.936
Reference Block Gap	6.804

Dimensions in mm



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