

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm



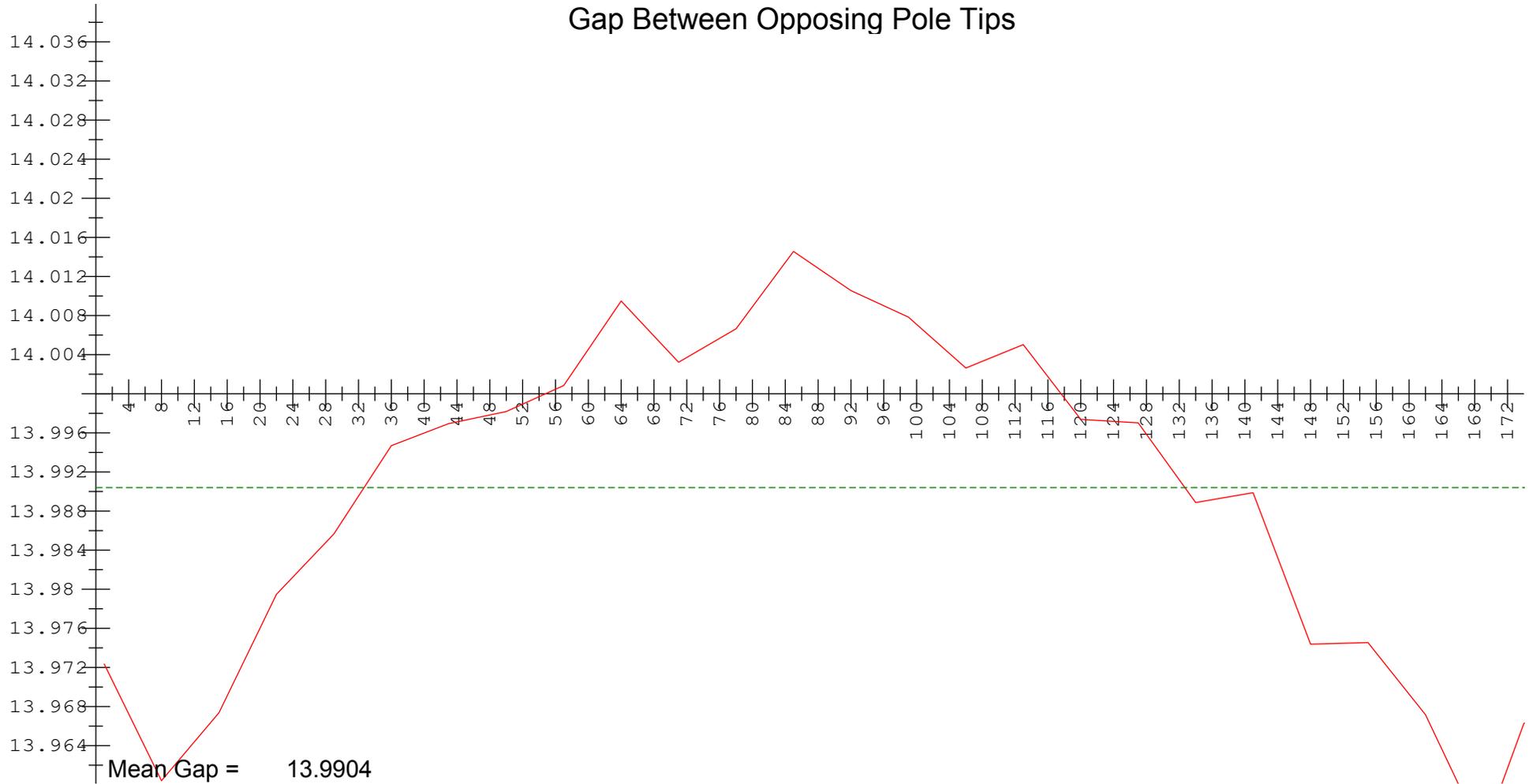
LCLS II - SXR Undulator

Nominal Gap = 14 Nominal Taper = 0.000
 Gap Reading = 14.0000 US Encoder = 14.0000 DS Encoder = 14.0001

21-AUG-2018

S/N = 014
 D/S = 0001
 Run = 9

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

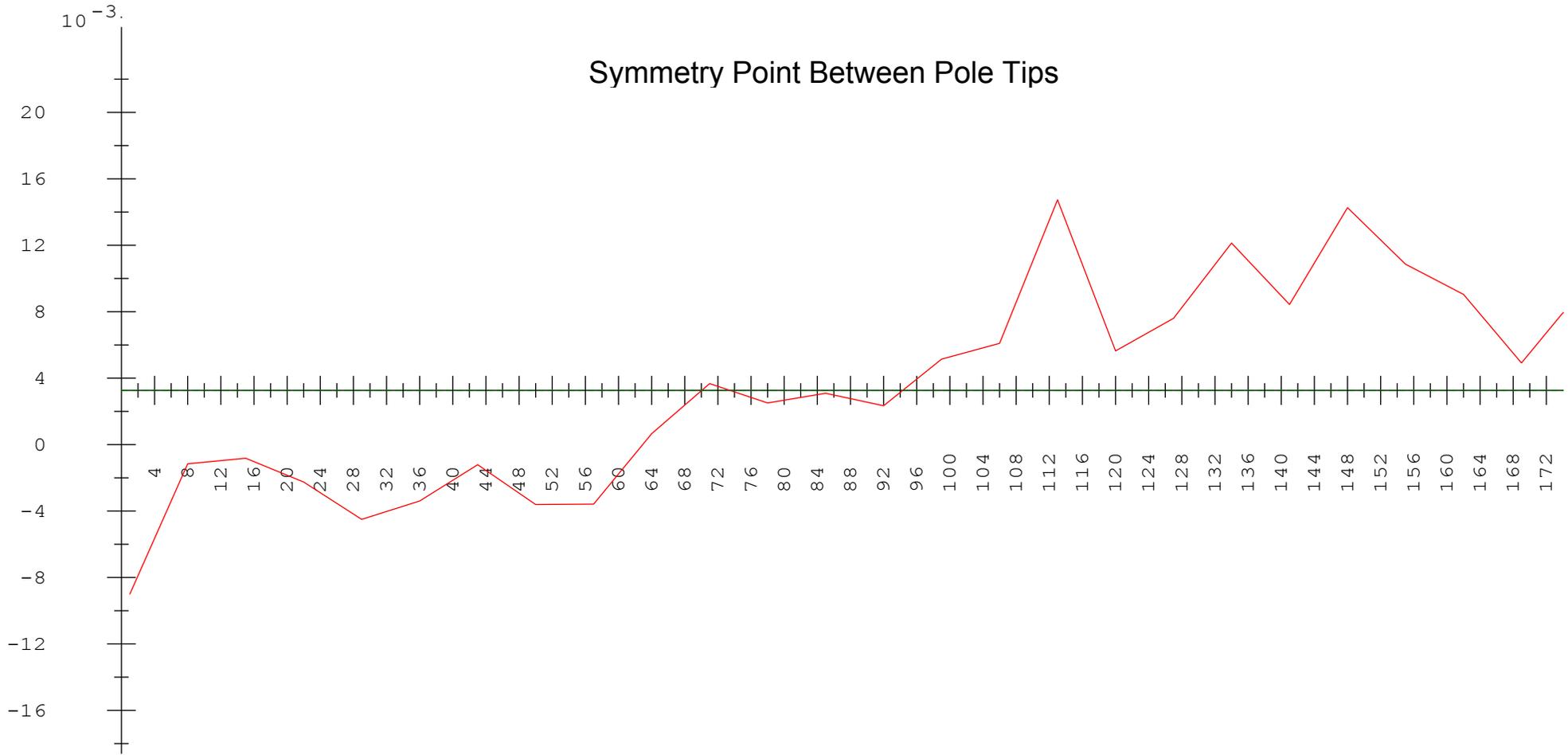


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0033

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	6.9913	6.9943	7.0018	7.0049
Bottom	-7.0017	-6.9972	-6.9858	-6.9811
Gap	13.9930			13.9861
Taper				-0.0069

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.9985	-6.9919	13.9904	0.0033

Additional Calculated Values

Bottom Pole #1 Z Value	979.941
Top Jaw Pitch (mrad)	0.004
Bottom Jaw Pitch(mrad)	0.006
Minimum Effective Gap	13.950
Reference Block Gap	6.806

Dimensions in mm



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