

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points =

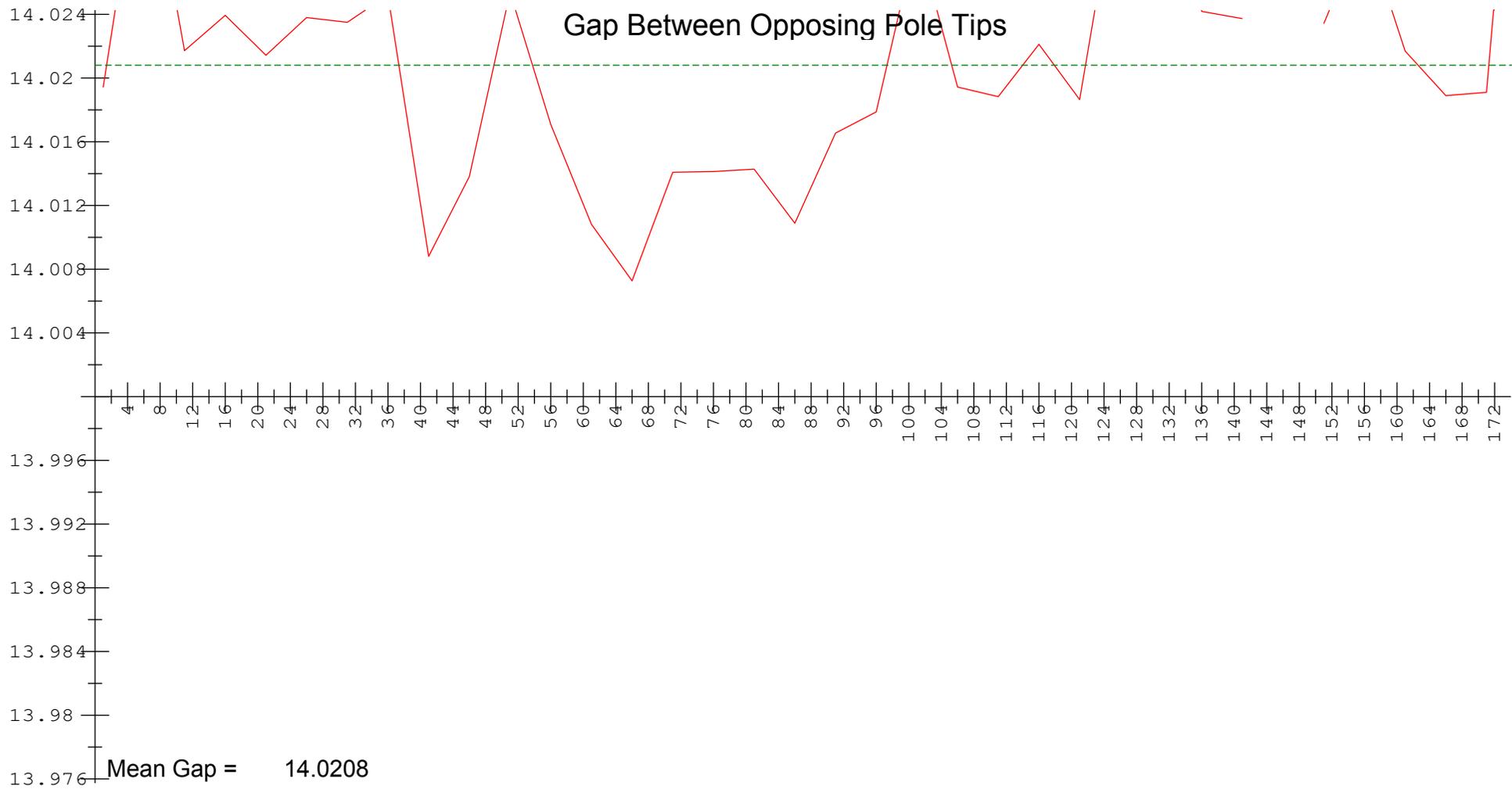
Dimensions in mm



LCLS II - SXR Undulator

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

16-MAY-2018
 S/N = 010
 D/S = 0001
 Run = 10



Step Between Measured Pole Tips = 5

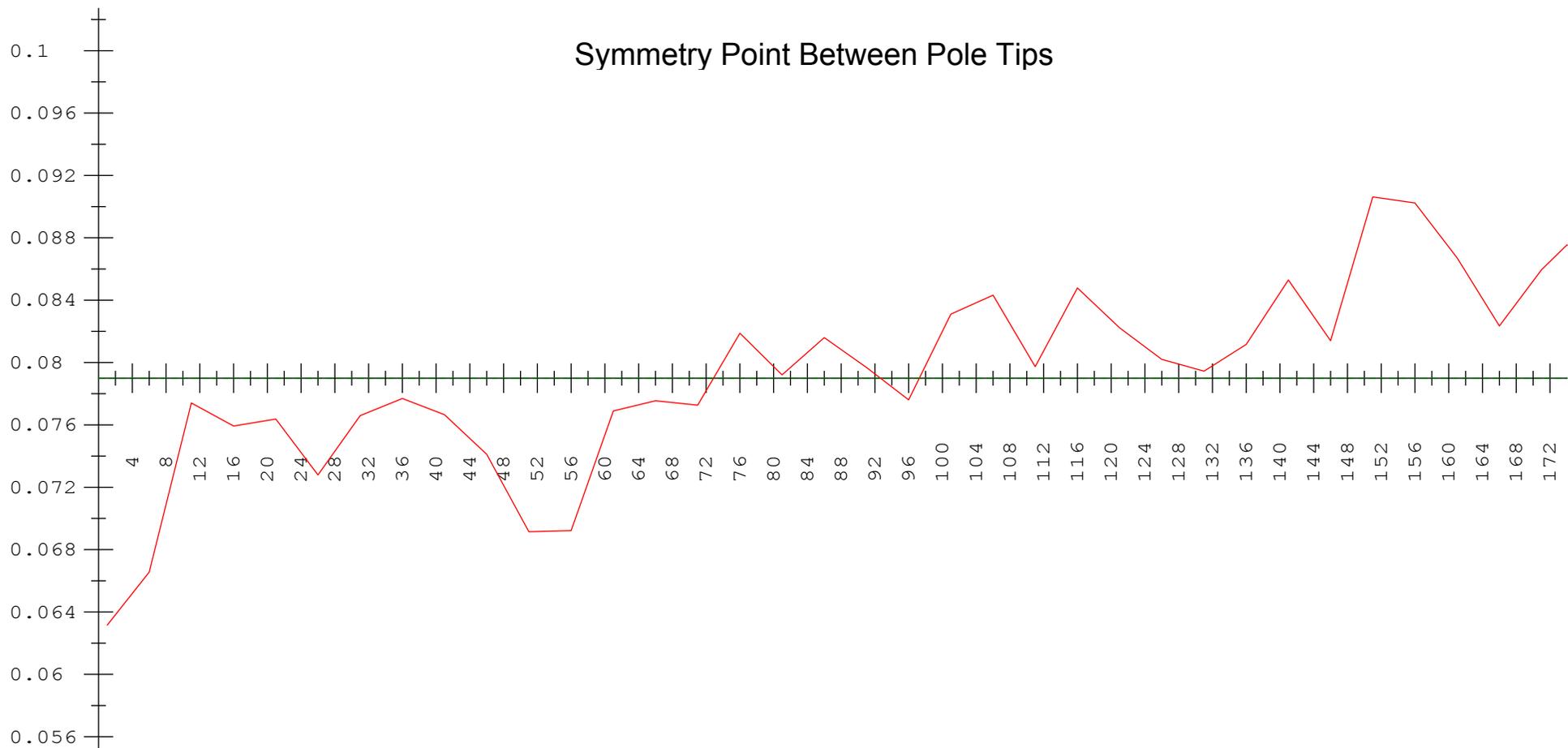
Dimensions in mm



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Mean Symmetry Value = 0.0790

Step Between Measured Pole Tips = 5

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	7.0801	7.0843	7.0951	7.0995
Bottom	-6.9383	-6.9353	-6.9277	-6.9246
Gap	14.0184			14.0240
Taper				0.0056

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.0894	-6.9314	14.0208	0.0790

Additional Calculated Values

Bottom Pole #1 Z Value	979.704
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	0.004
Minimum Effective Gap	13.994
Reference Block Gap	6.802

Dimensions in mm



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