

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

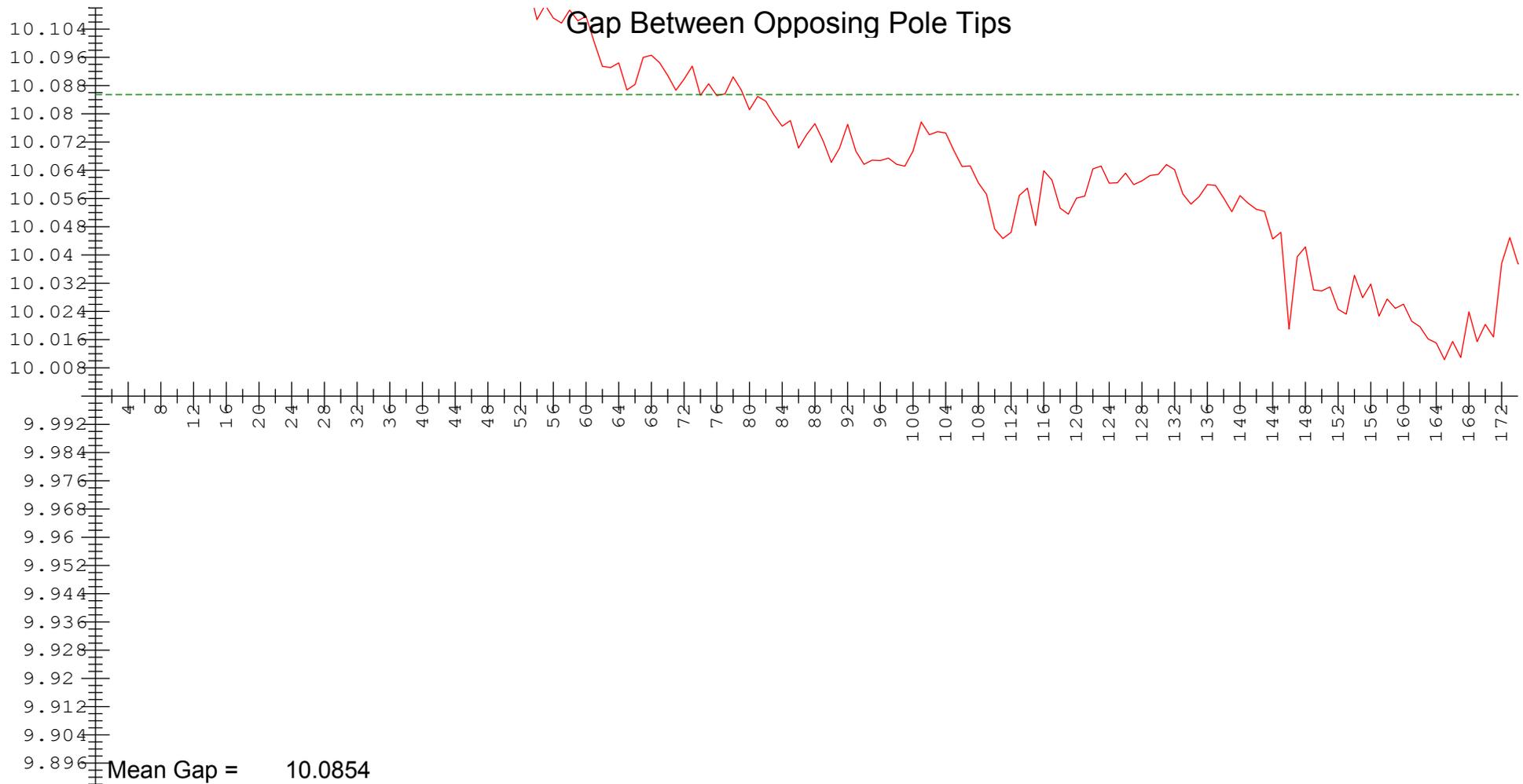
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

15-MAY-2018
 S/N = 010
 D/S = 0001
 Run = 2



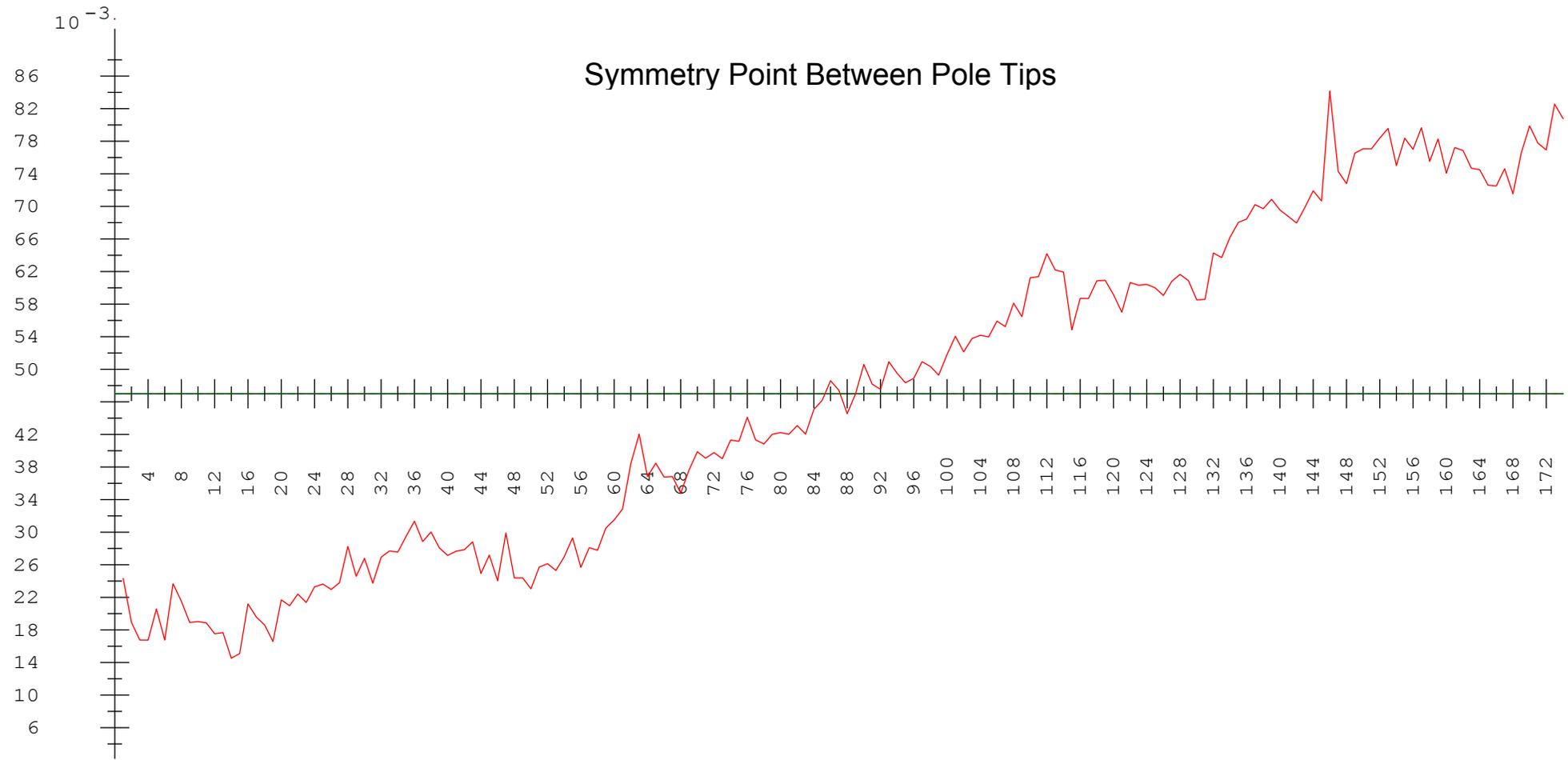
Step Between Measured Pole Tips = 1

Dimensions in mm



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Mean Symmetry Value = 0.0470

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	5.0920	5.0910	5.0884	5.0874
Bottom	-5.0668	-5.0356	-4.9567	-4.9247
Gap	10.1588			10.0121
Taper				-0.1467

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0897	-4.9957	10.0854	0.0470

Additional Calculated Values

Bottom Pole #1 Z Value	979.704
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.042
Minimum Effective Gap	10.003
Reference Block Gap	6.802

Dimensions in mm



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