

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11 Nominal Taper = 0.000

Gap Reading = 11.0001 US Encoder = 11.0001 DS Encoder = 11.0001

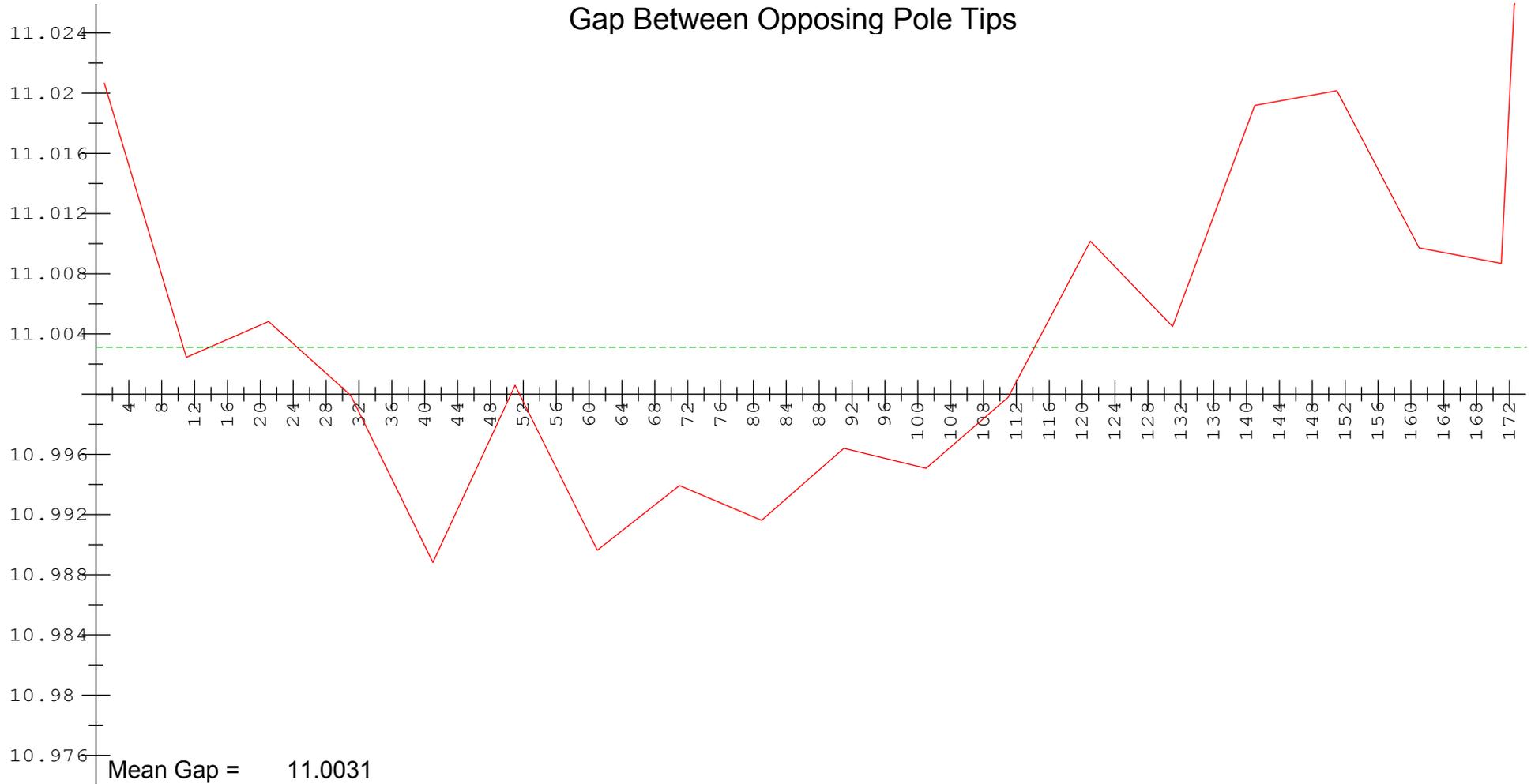
19-APR-2018

S/N = 009

D/S = 0001

Run = 5

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

Dimensions in mm

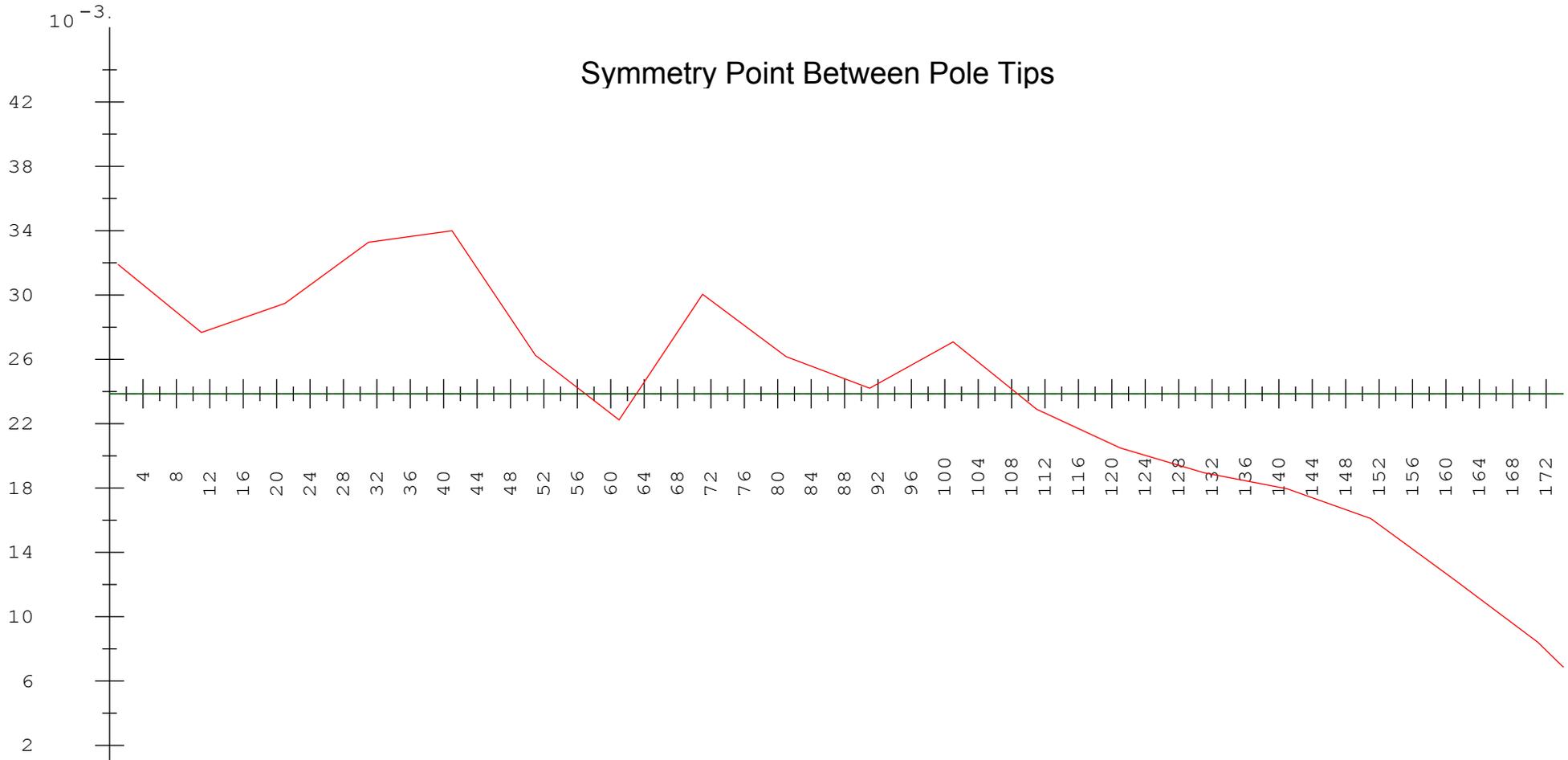


LCLS II - SXR Undulator

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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0239

Step Between Measured Pole Tips = 10

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	5.5322	5.5294	5.5222	5.5194
Bottom	-5.4631	-5.4701	-5.4878	-5.4949
Gap	10.9953			11.0143
Taper				0.0190

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.5254	-5.4777	11.0031	0.0239

Additional Calculated Values

Bottom Pole #1 Z Value	979.421
Top Jaw Pitch (mrad)	-0.004
Bottom Jaw Pitch(mrad)	-0.009
Minimum Effective Gap	10.973
Reference Block Gap	6.806

Dimensions in mm



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