

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

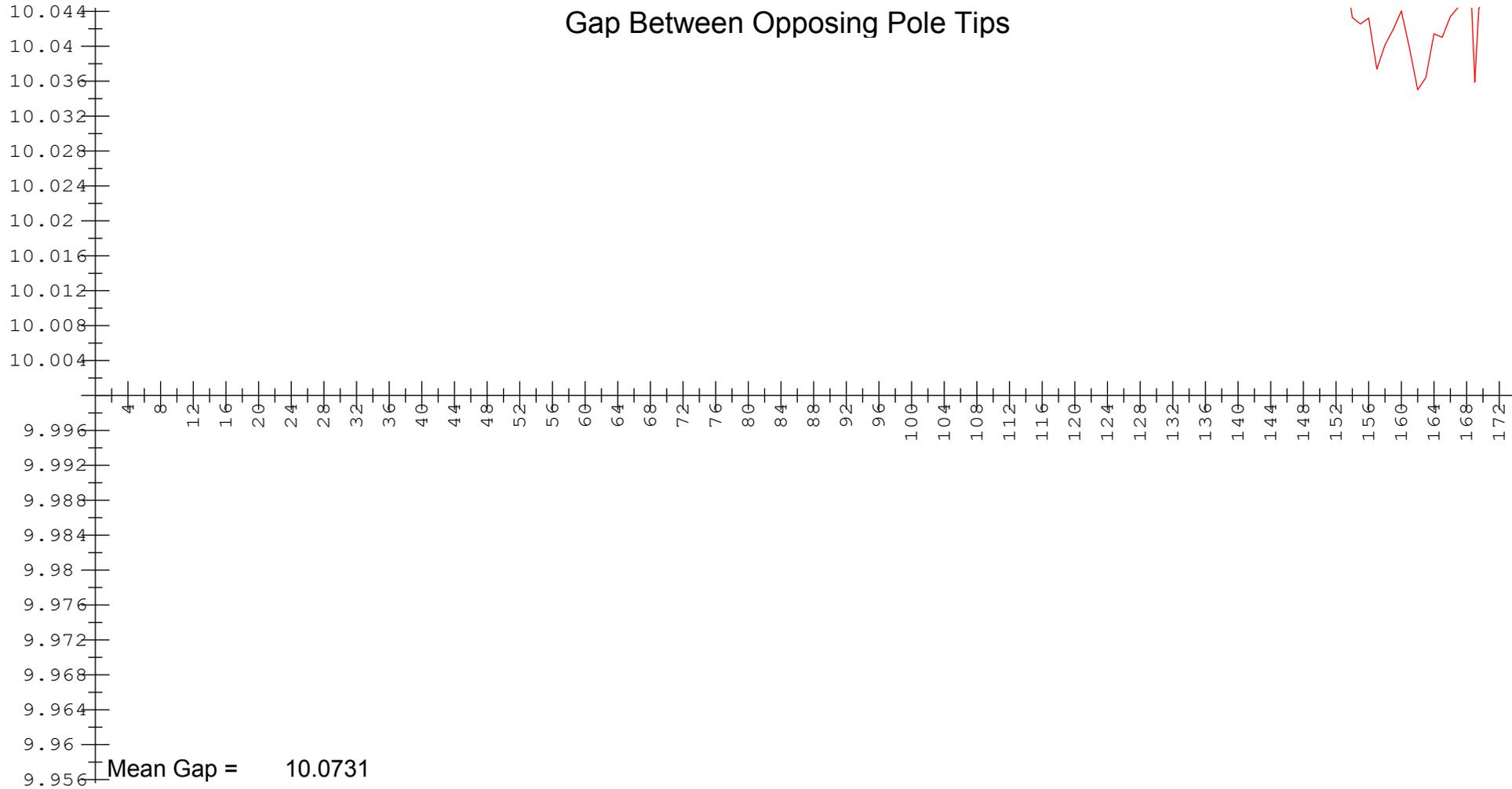
05-APR-2019

S/N = 002

D/S = 0001

Run = 4

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

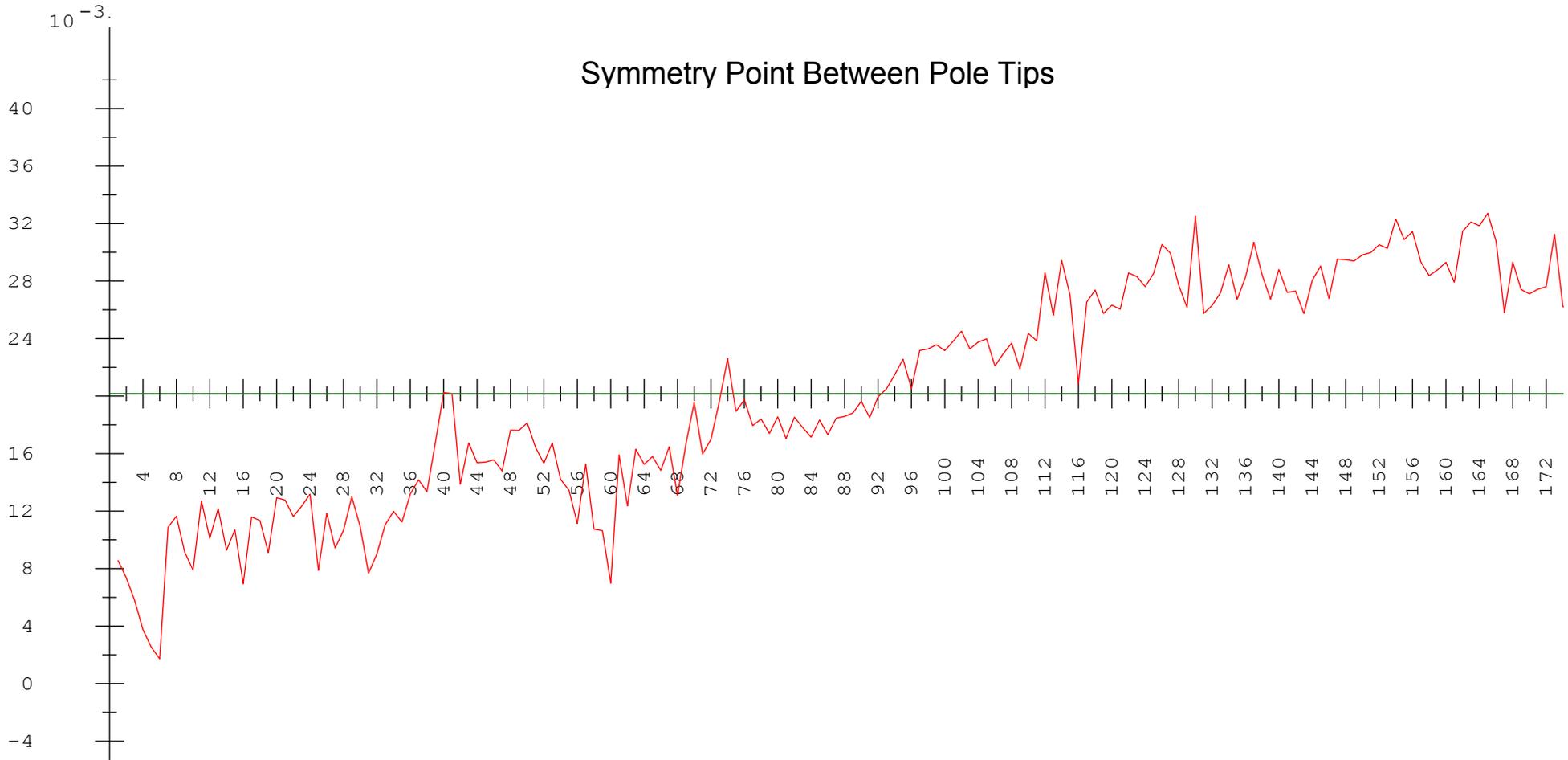


LCLS II - SXR Undulator

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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0202

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	5.0521	5.0541	5.0593	5.0614
Bottom	-5.0365	-5.0277	-5.0053	-4.9963
Gap	10.0886			10.0576
Taper				-0.0310

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0567	-5.0164	10.0731	0.0202

Additional Calculated Values

Bottom Pole #1 Z Value	980.303
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.012
Minimum Effective Gap	10.024
Reference Block Gap	6.810

Dimensions in mm



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