

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

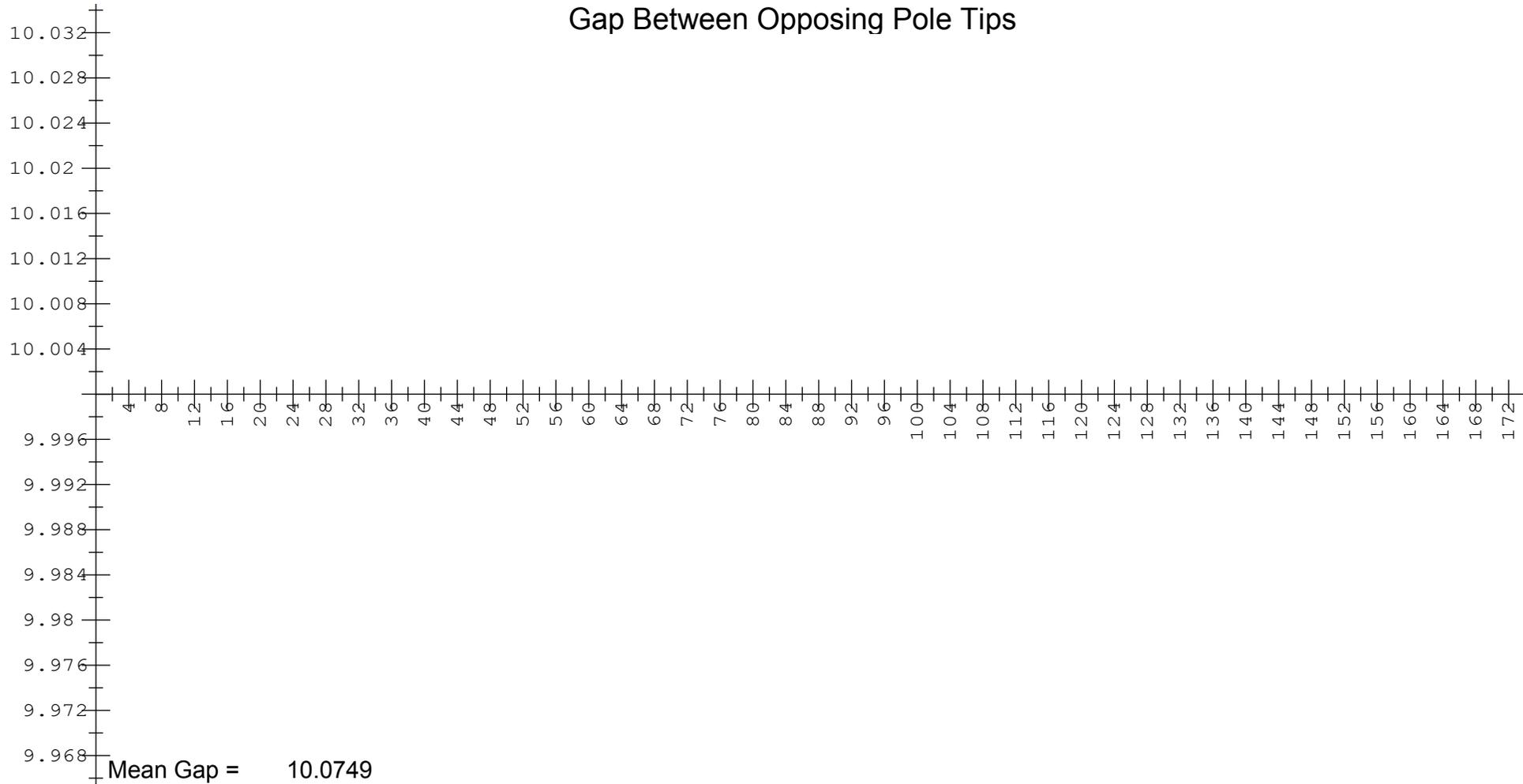
08-APR-2019

S/N = 002

D/S = 0001

Run = 8

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

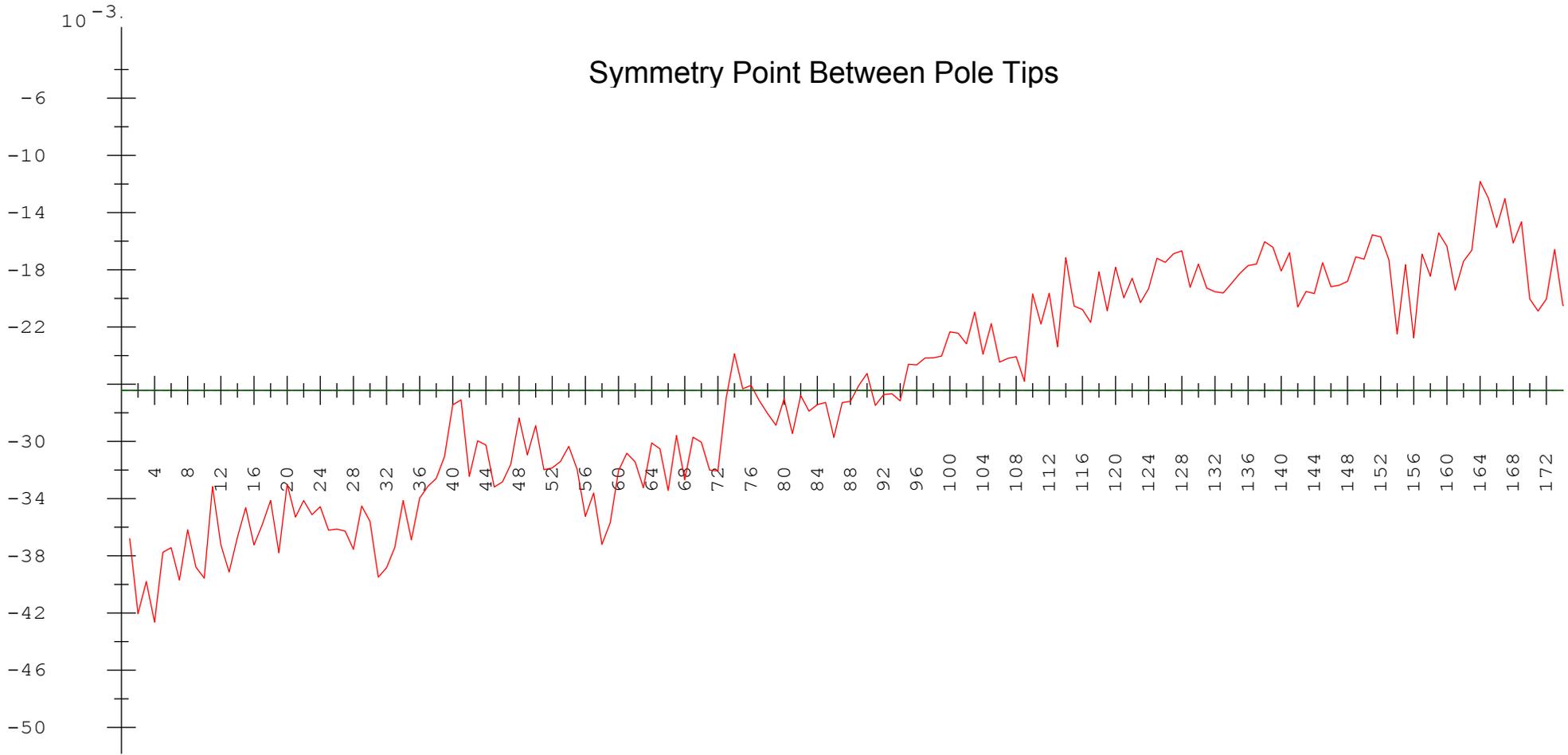


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0264

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	4.9963	5.0027	5.0192	5.0258
Bottom	-5.0739	-5.0695	-5.0584	-5.0539
Gap	10.0702			10.0797
Taper				0.0095

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0110	-5.0639	10.0749	-0.0264

Additional Calculated Values

Bottom Pole #1 Z Value	980.303
Top Jaw Pitch (mrad)	0.009
Bottom Jaw Pitch(mrad)	0.006
Minimum Effective Gap	10.020
Reference Block Gap	6.810

Dimensions in mm



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