

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 = 10.0001

US Encoder = 10.0000

DS Encoder = 10.0002

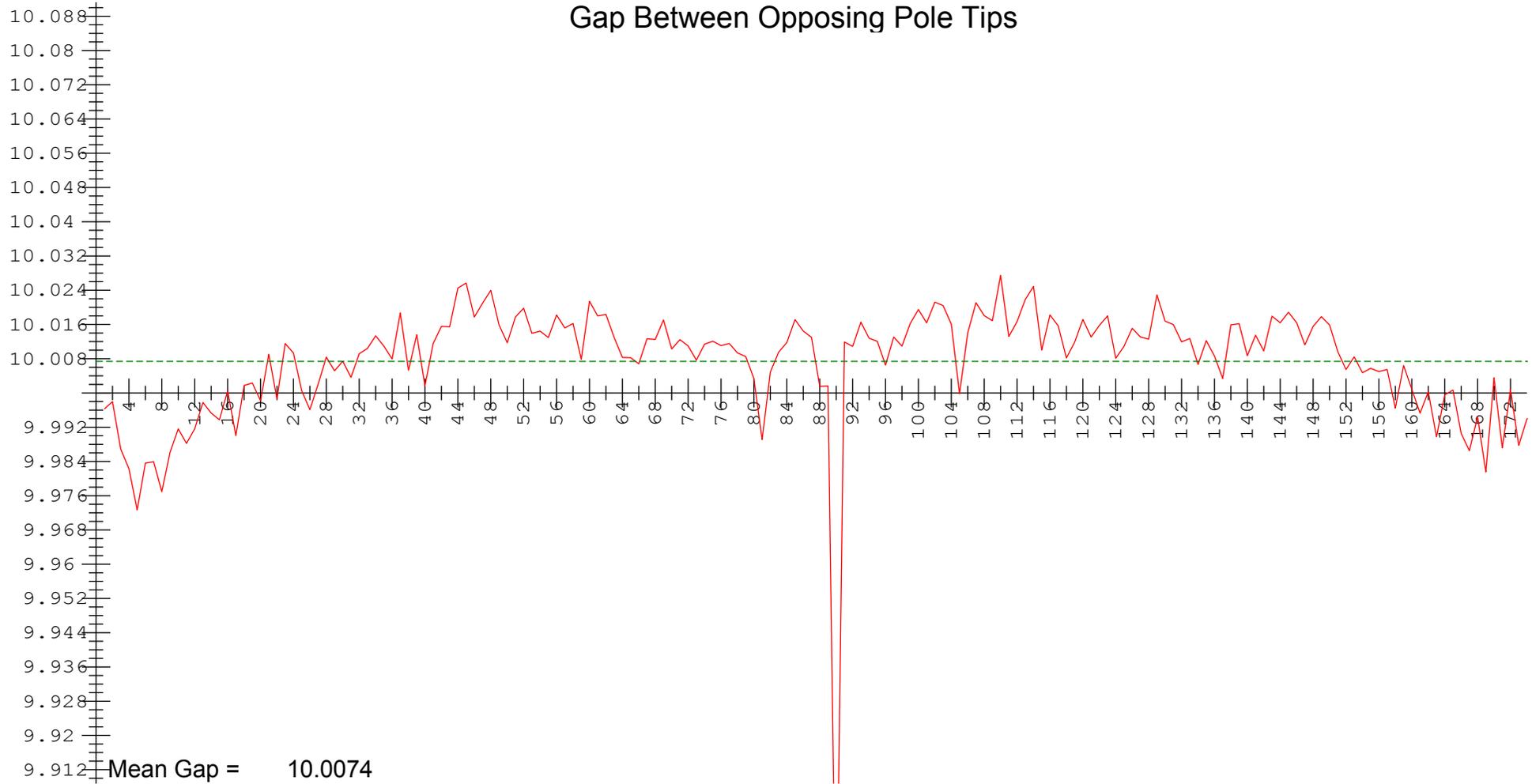
18-JUL-2018

S/N = 013

D/S = 0001

Run = 3

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

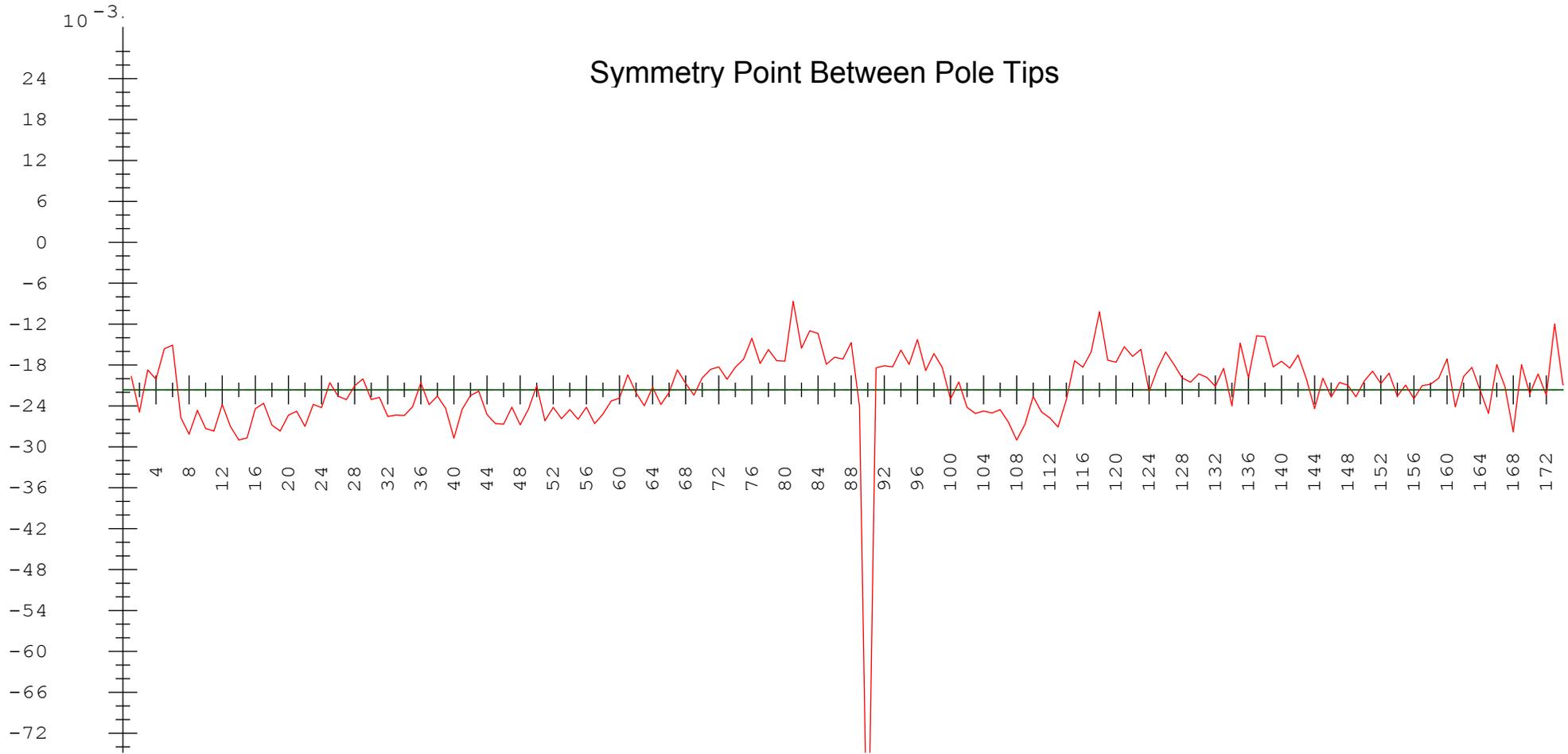


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0216

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	4.9781	4.9798	4.9842	4.9860
Bottom	-5.0265	-5.0260	-5.0247	-5.0242
Gap	10.0046			10.0101
Taper				0.0055

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9820	-5.0253	10.0074	-0.0216

Additional Calculated Values

Bottom Pole #1 Z Value	979.775
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	9.839
Reference Block Gap	6.806

Dimensions in mm



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