

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11 Nominal Taper = 0.000

Gap Reading = 11.0000 US Encoder = 11.0000 DS Encoder = 11.0000

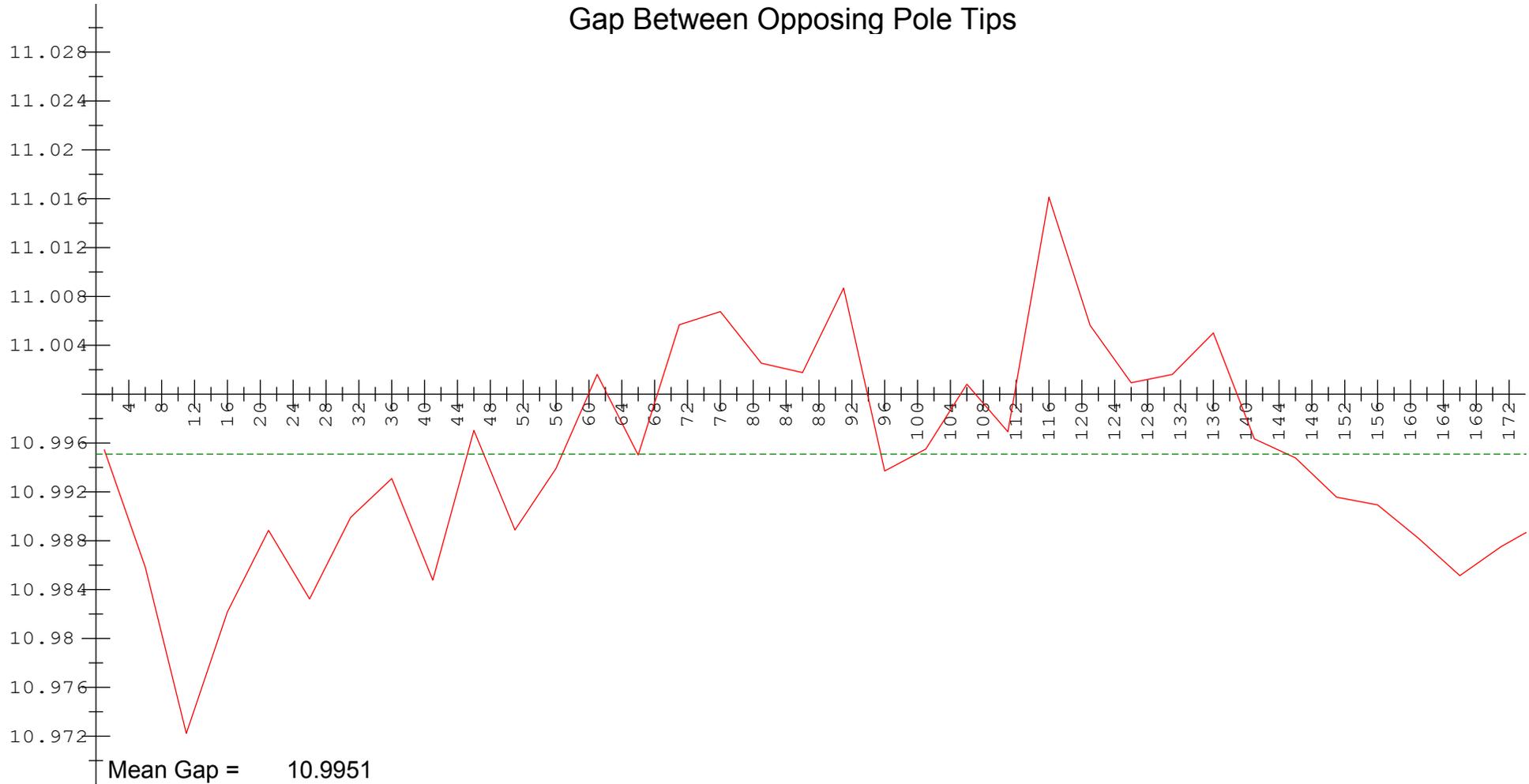
24-OCT-2018

S/N = 016

D/S = 0001

Run = 7

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

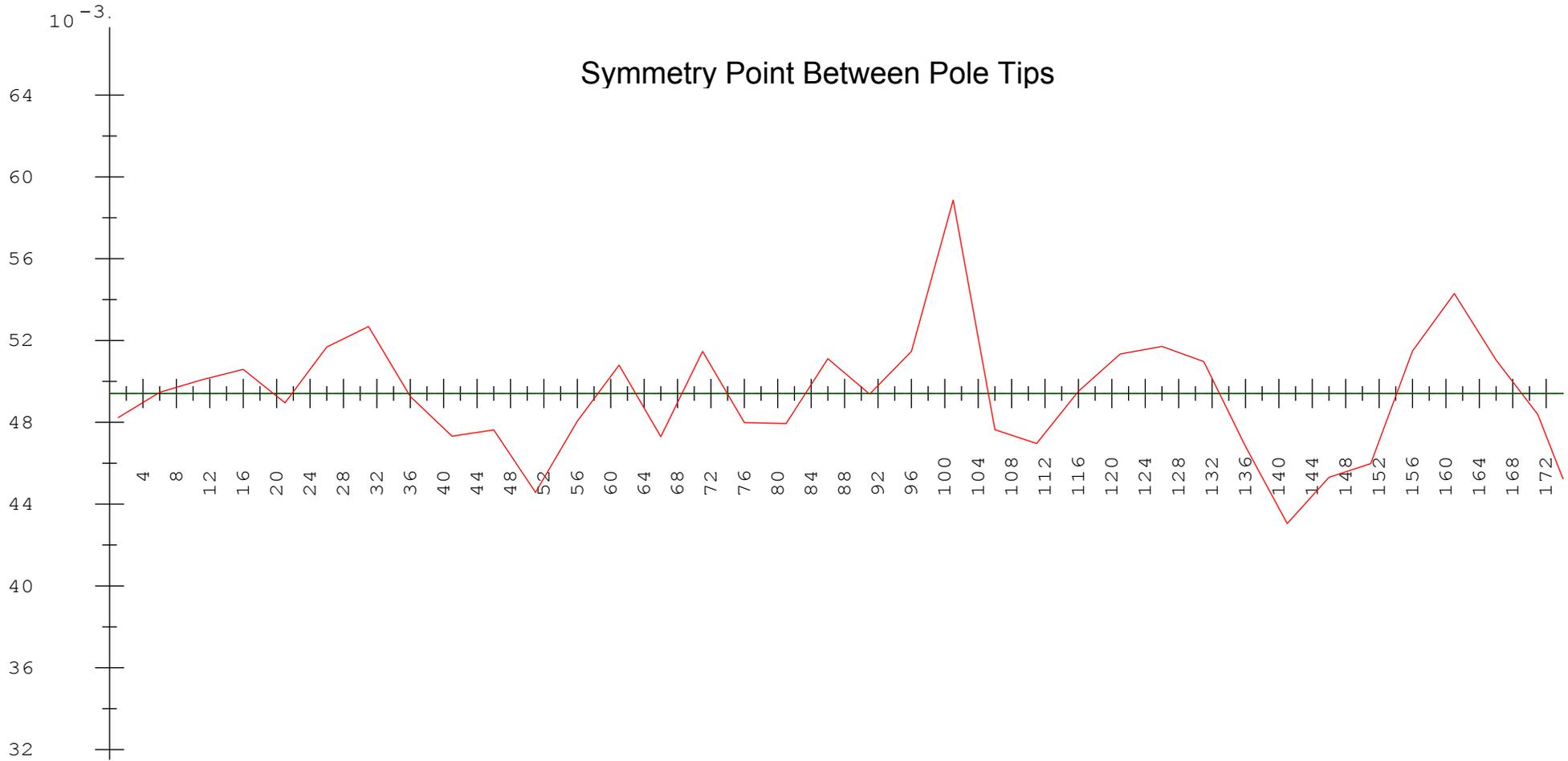


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0494

Step Between Measured Pole Tips = 5

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	5.5452	5.5459	5.5476	5.5483
Bottom	-5.4459	-5.4469	-5.4494	-5.4504
Gap	10.9911			10.9987
Taper				0.0076

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.5470	-5.4481	10.9951	0.0494

Additional Calculated Values

Bottom Pole #1 Z Value	979.935
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	-0.001
Minimum Effective Gap	10.972
Reference Block Gap	6.809

Dimensions in mm



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