

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

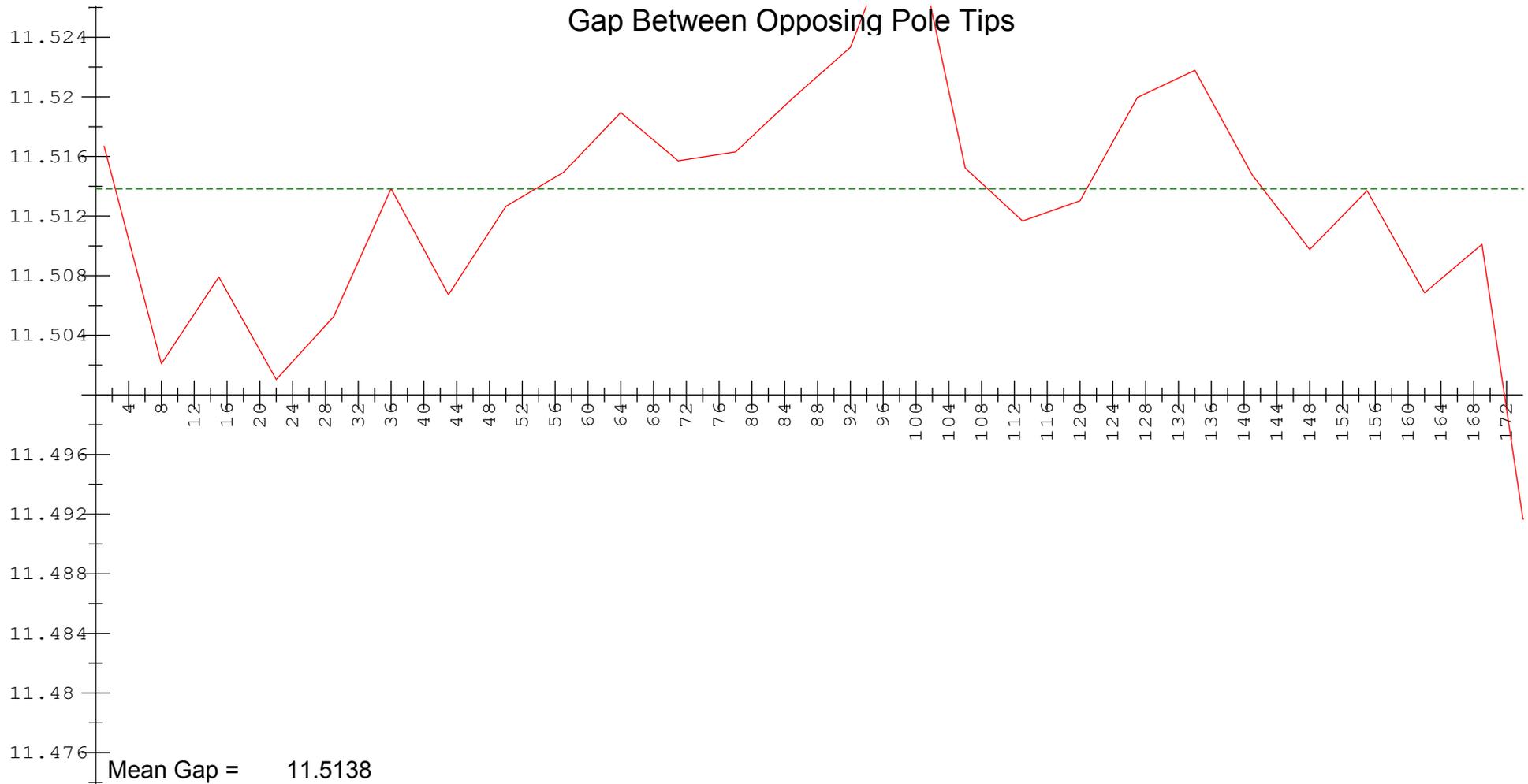
Nominal Gap = 11.5 Nominal Taper = 0.000
 Gap Reading = 11.5000 US Encoder = 11.5000 DS Encoder = 11.5001

22-JUN-2018

S/N = 012

D/S = 0001

Run = 9



Step Between Measured Pole Tips = 7

Dimensions in mm

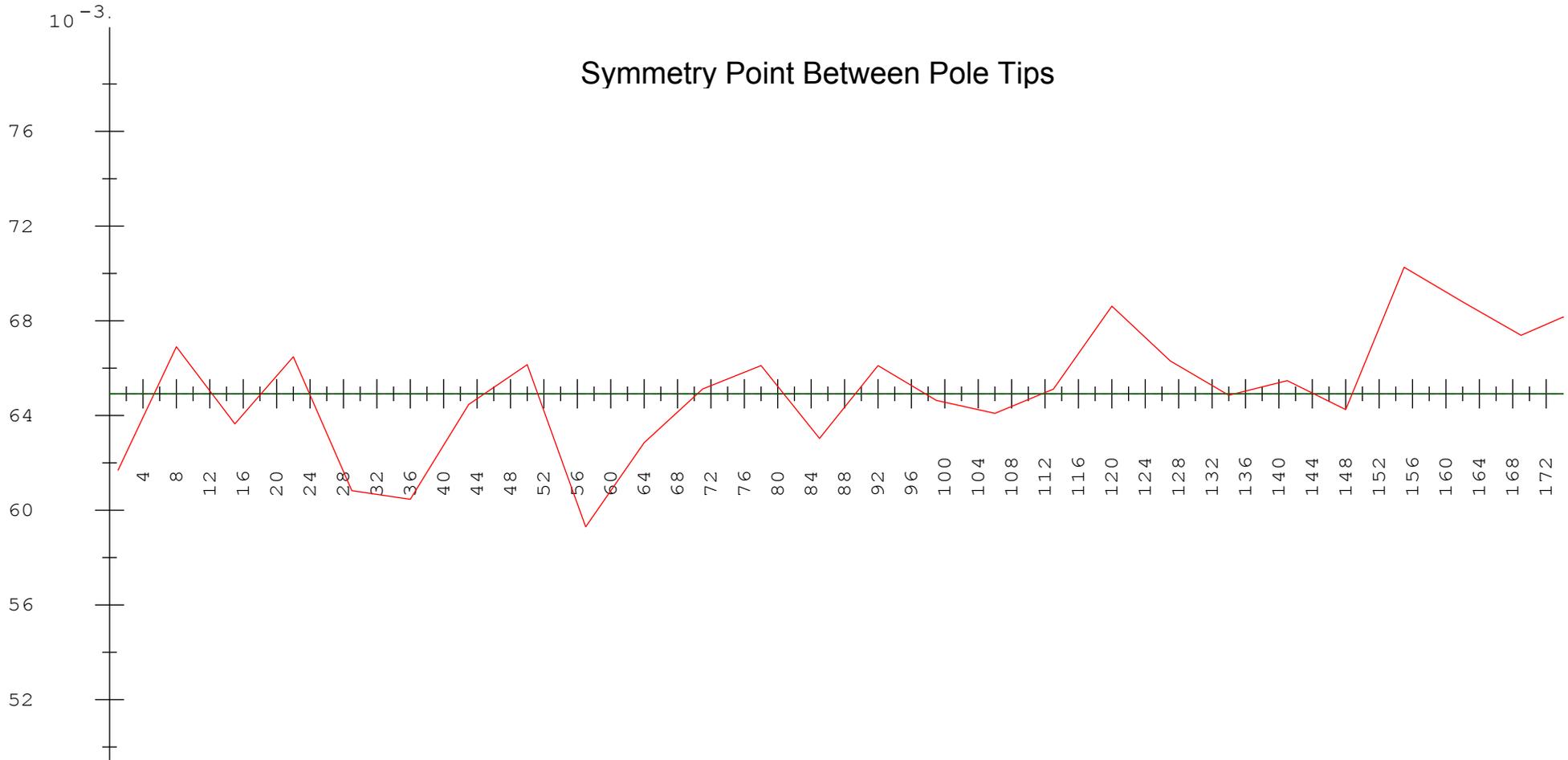


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0649

Step Between Measured Pole Tips = 7

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	5.8187	5.8199	5.8230	5.8243
Bottom	-5.6937	-5.6927	-5.6903	-5.6893
Gap	11.5124			11.5136
Taper				0.0012

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.8218	-5.6920	11.5138	0.0649

Additional Calculated Values

Bottom Pole #1 Z Value	979.792
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	11.491
Reference Block Gap	6.808

Dimensions in mm



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