

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 = 15 Nominal Taper = 0.000

Gap Reading = 15.0000 US Encoder = 15.0000 DS Encoder = 15.0001

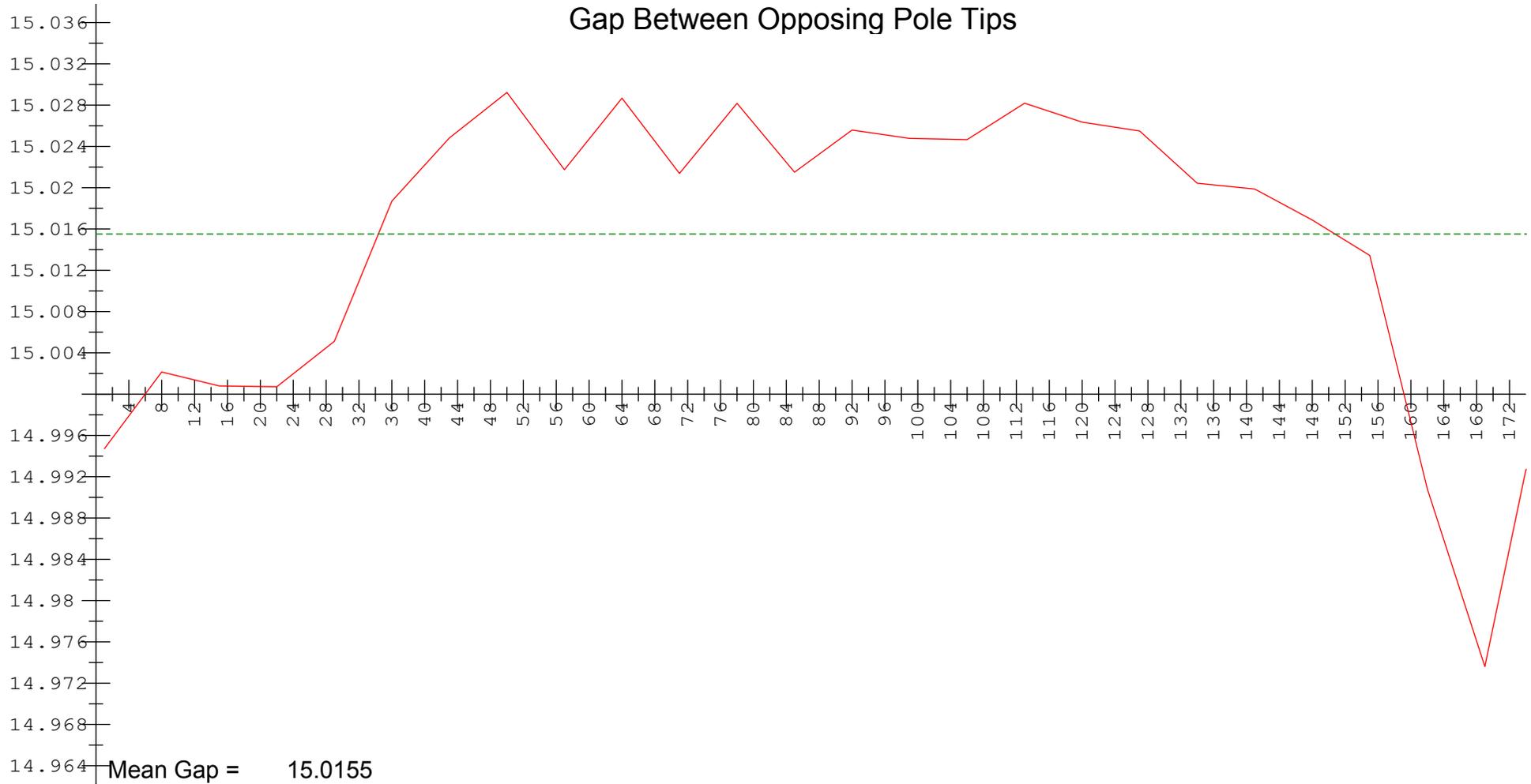
18-DEC-2018

S/N = 018

D/S = 0001

Run = 10

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

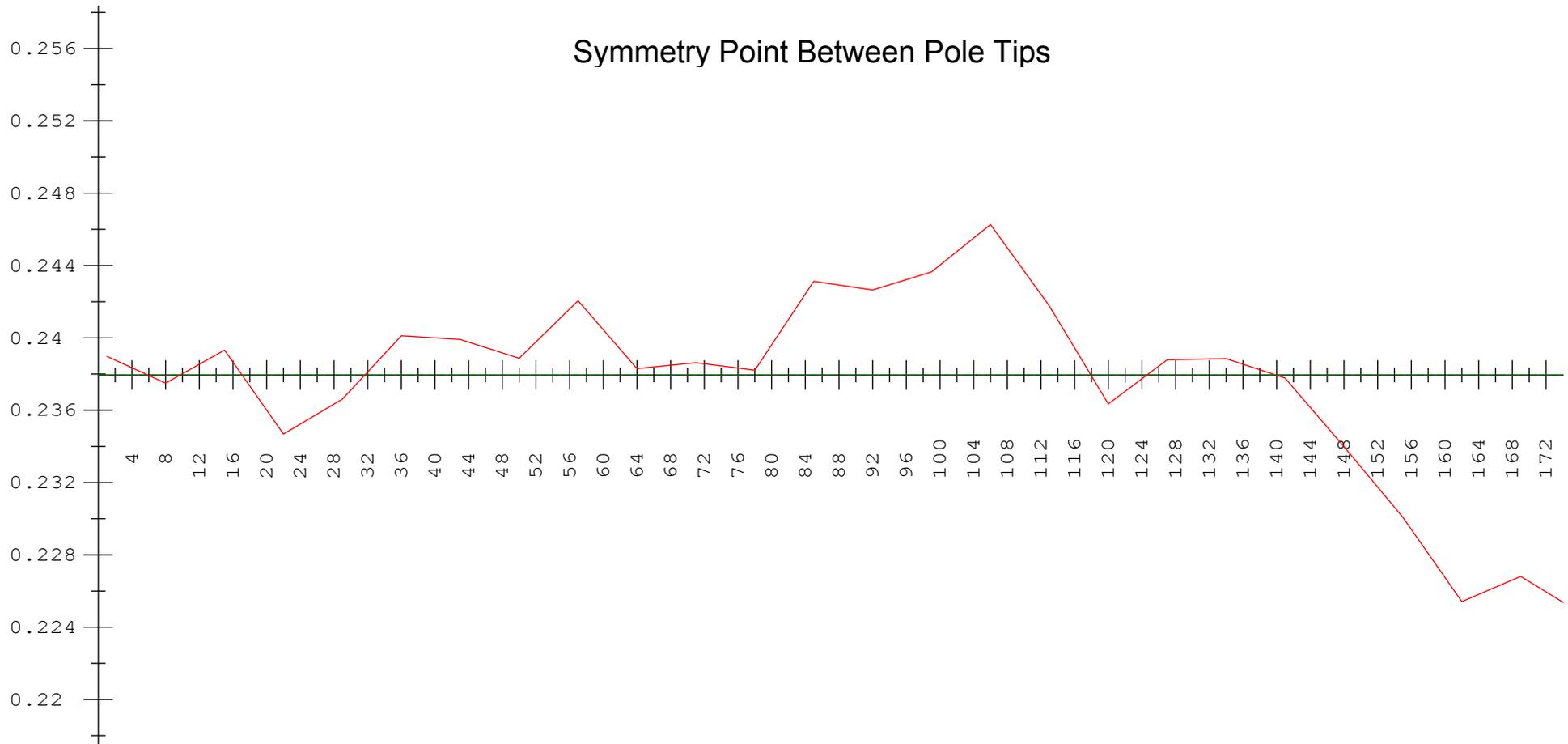
Dimensions in mm



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Mean Symmetry Value = 0.2379

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	7.7502	7.7479	7.7419	7.7394
Bottom	-7.2665	-7.2680	-7.2716	-7.2731
Gap	15.0168			15.0126
Taper				-0.0042

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.7457	-7.2698	15.0155	0.2379

Additional Calculated Values

Bottom Pole #1 Z Value	980.178
Top Jaw Pitch (mrad)	-0.003
Bottom Jaw Pitch(mrad)	-0.002
Minimum Effective Gap	14.972
Reference Block Gap	6.806

Dimensions in mm



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