

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 = 14 Nominal Taper = 0.000
 Gap Reading = 14.0000 US Encoder = 14.0000 DS Encoder = 14.0000

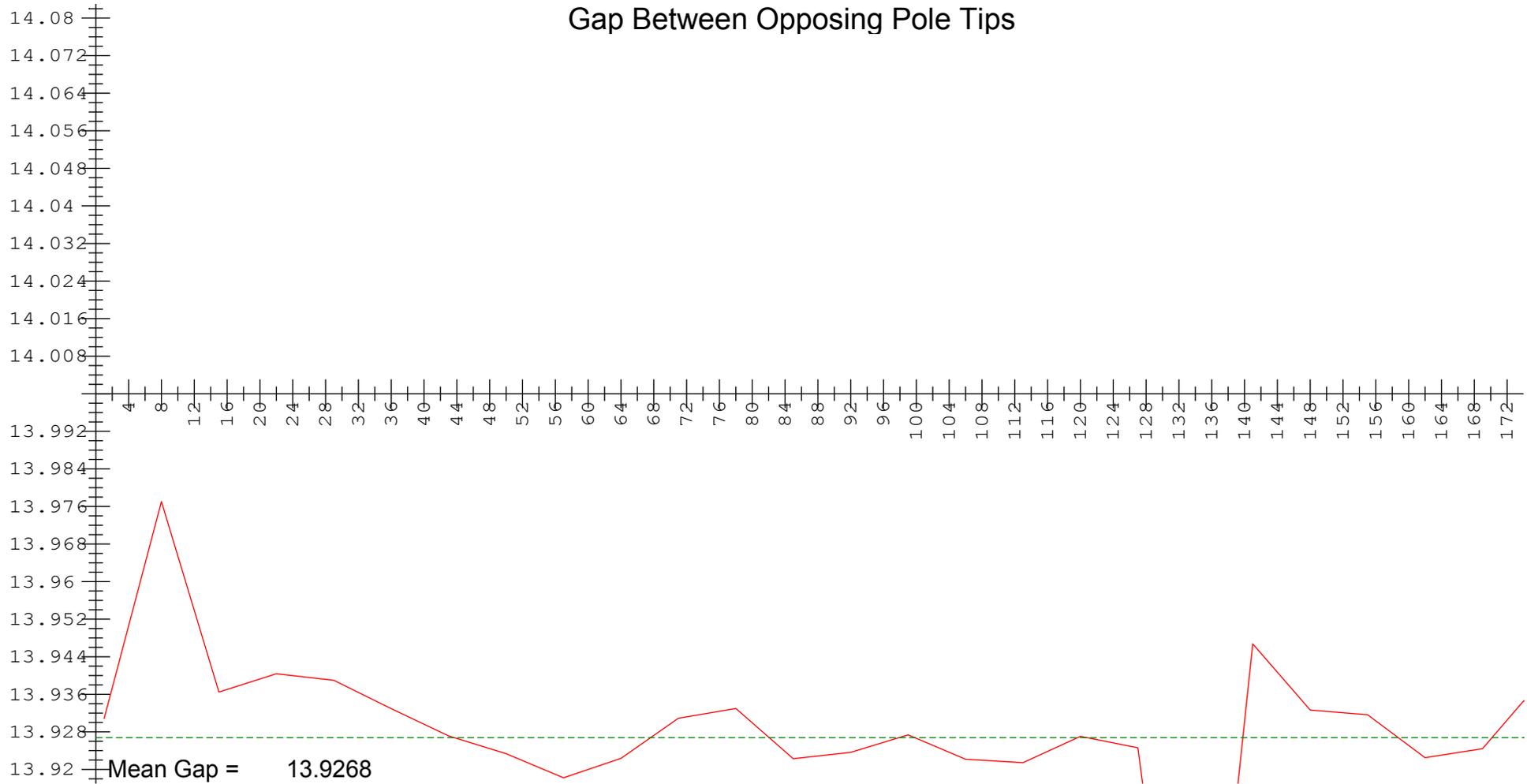
13-SEP-2018

S/N = 001

D/S = 0004

Run = 9

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

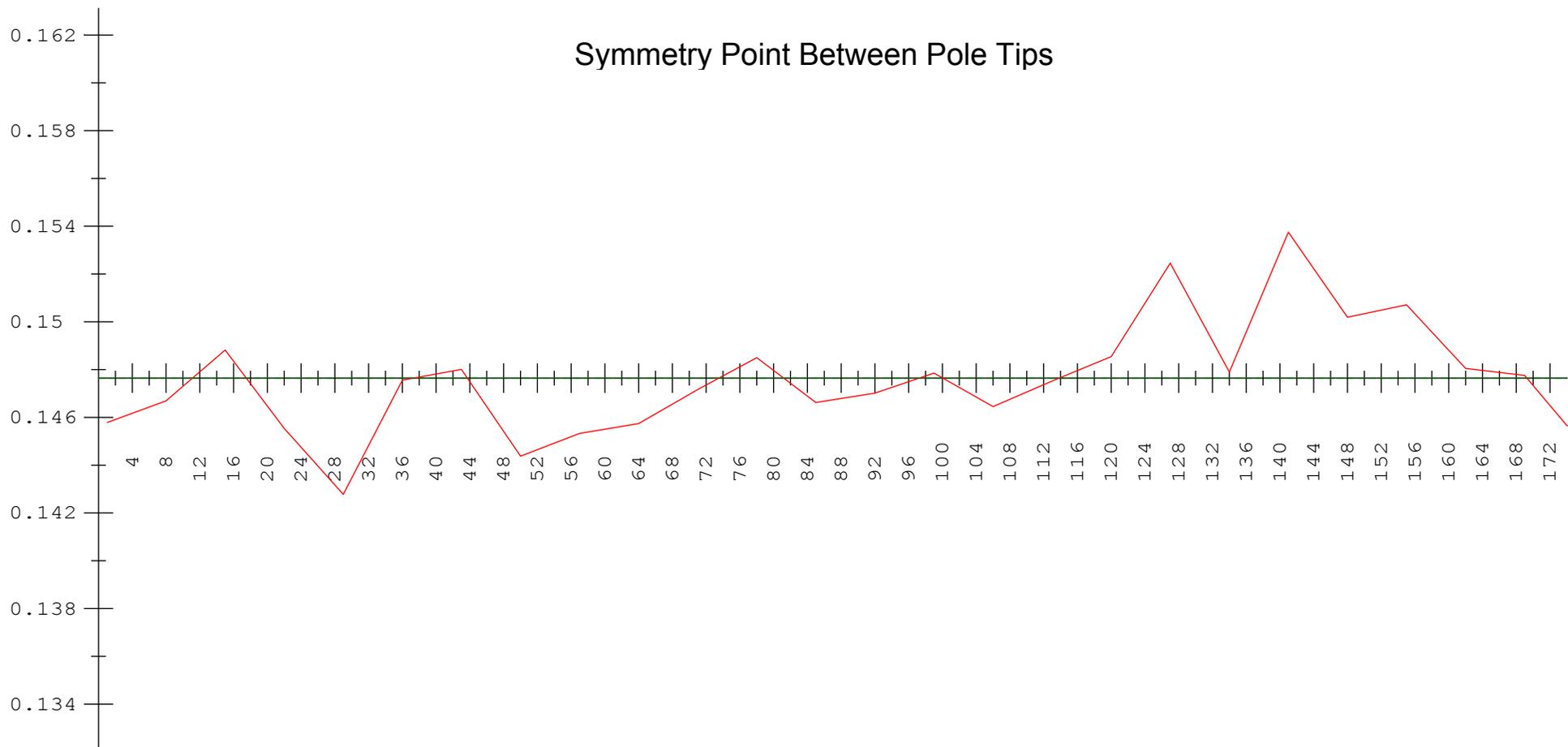
Dimensions in mm



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13-SEP-2018
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Mean Symmetry Value = 0.1476

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	7.1150	7.1133	7.1090	7.1073
Bottom	-6.8237	-6.8203	-6.8119	-6.8084
Gap	13.9387			13.9157
Taper				-0.0229

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.1110	-6.8157	13.9268	0.1476

Additional Calculated Values

Bottom Pole #1 Z Value	979.975
Top Jaw Pitch (mrad)	-0.002
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	13.831
Reference Block Gap	6.807

Dimensions in mm



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