

Minimum Effective Gap = 10.023

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 60

Regression Line Through Points =
Dimensions in mm



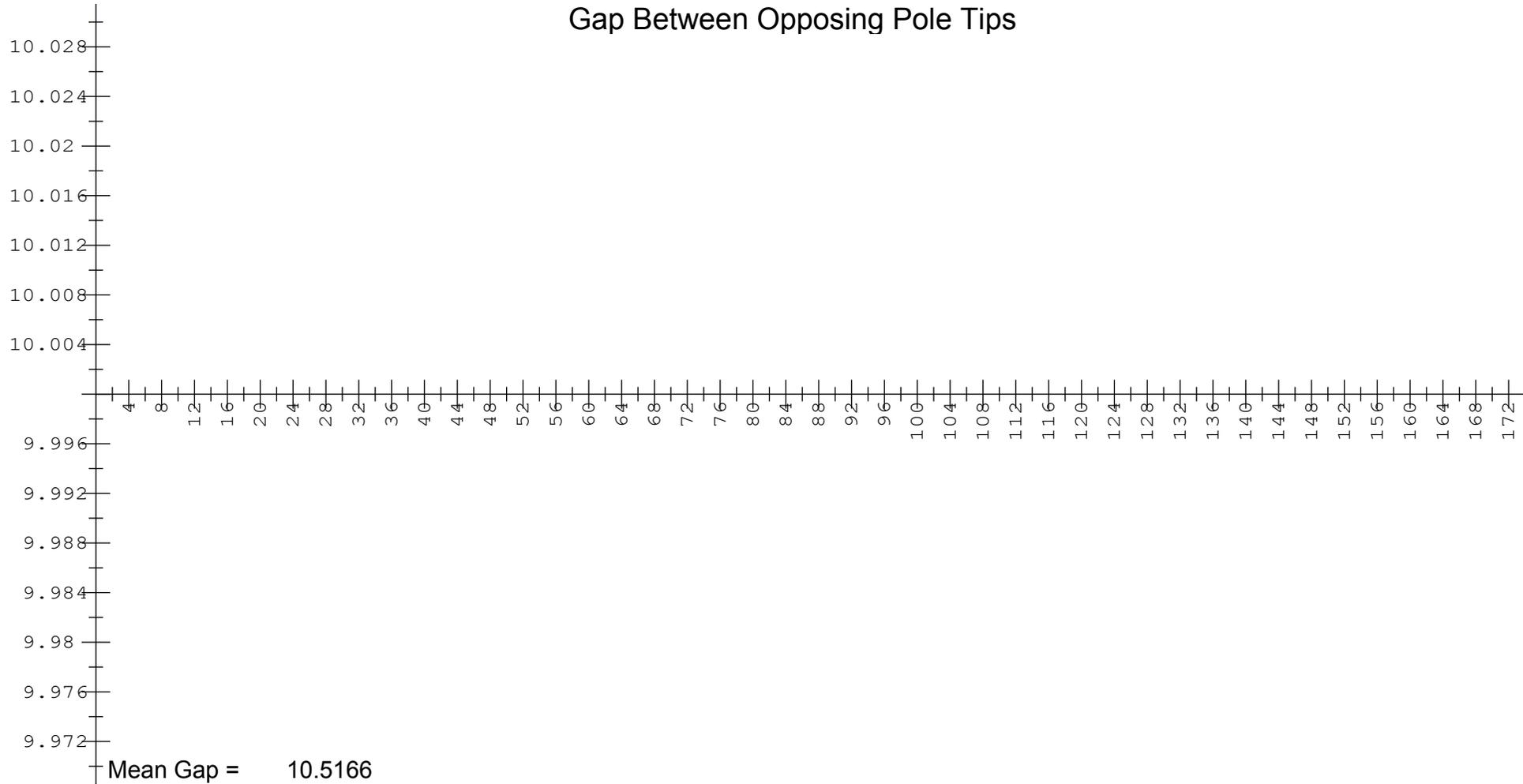
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
S/N = 001
D/S = 0007
Run = 24

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 60

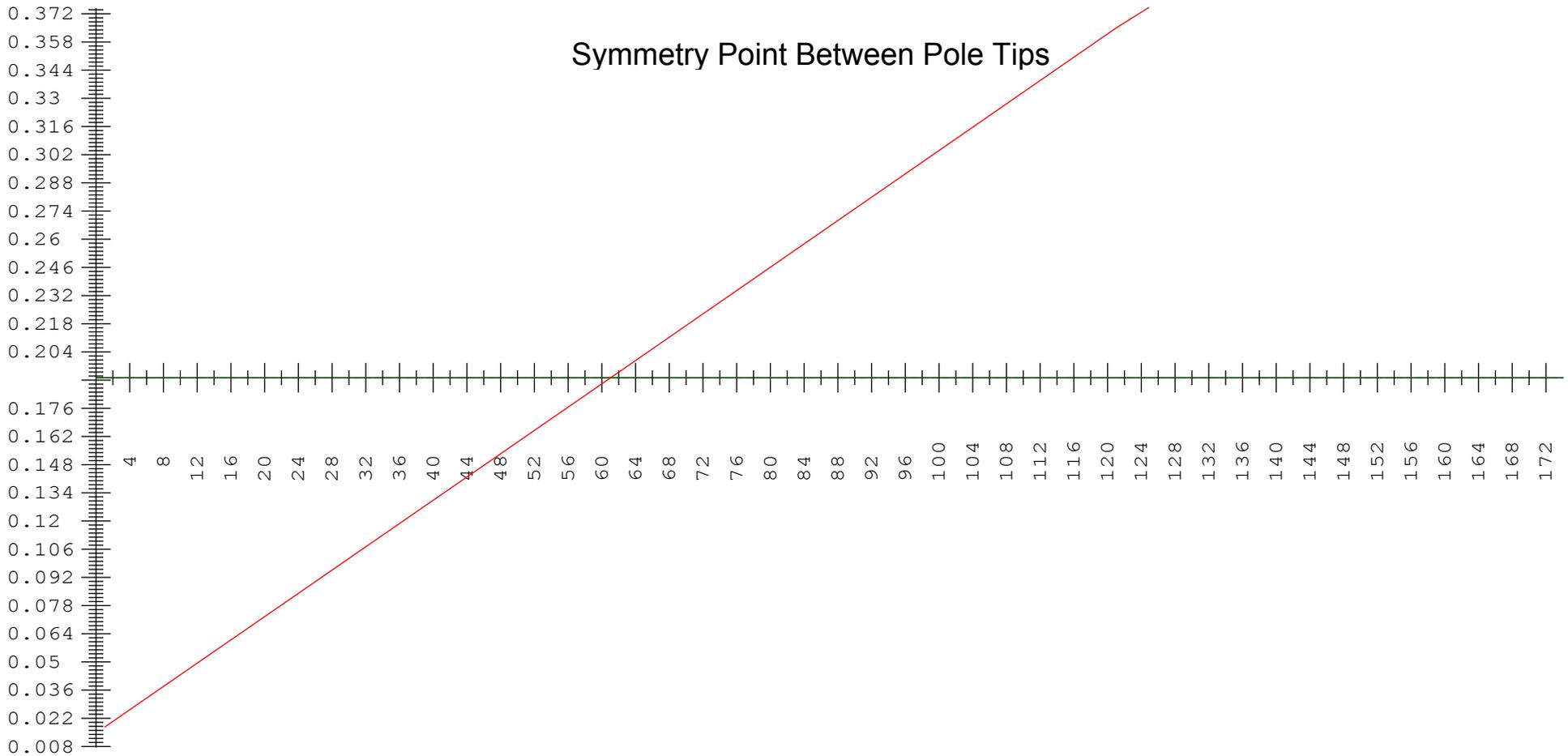
Dimensions in mm



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Mean Symmetry Value = 0.1912

Step Between Measured Pole Tips = 60

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	5.2805	5.3866	5.6547	5.7636
Bottom	-5.2399	-5.1315	-4.8576	-4.7464
Gap	10.5205			10.5100
Taper				-0.0105

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.4495	-5.0671	10.5166	0.1912

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.143
Bottom Jaw Pitch(mrad)	0.146
Minimum Effective Gap	10.023
Reference Block Gap	6.805

Dimensions in mm



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