

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 60

Regression Line Through Points = -----

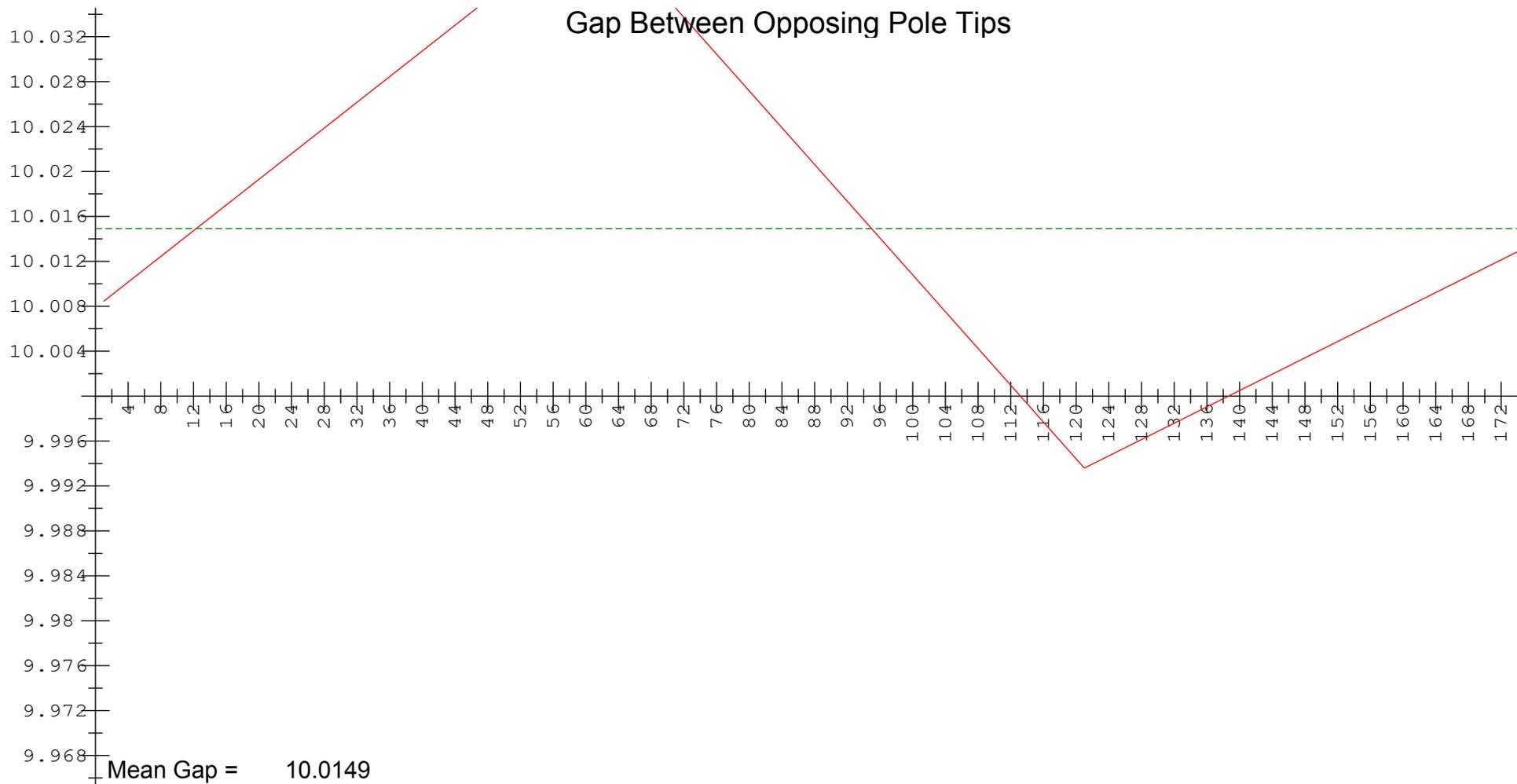
Dimensions in mm



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 = 19



Step Between Measured Pole Tips = 60

Dimensions in mm

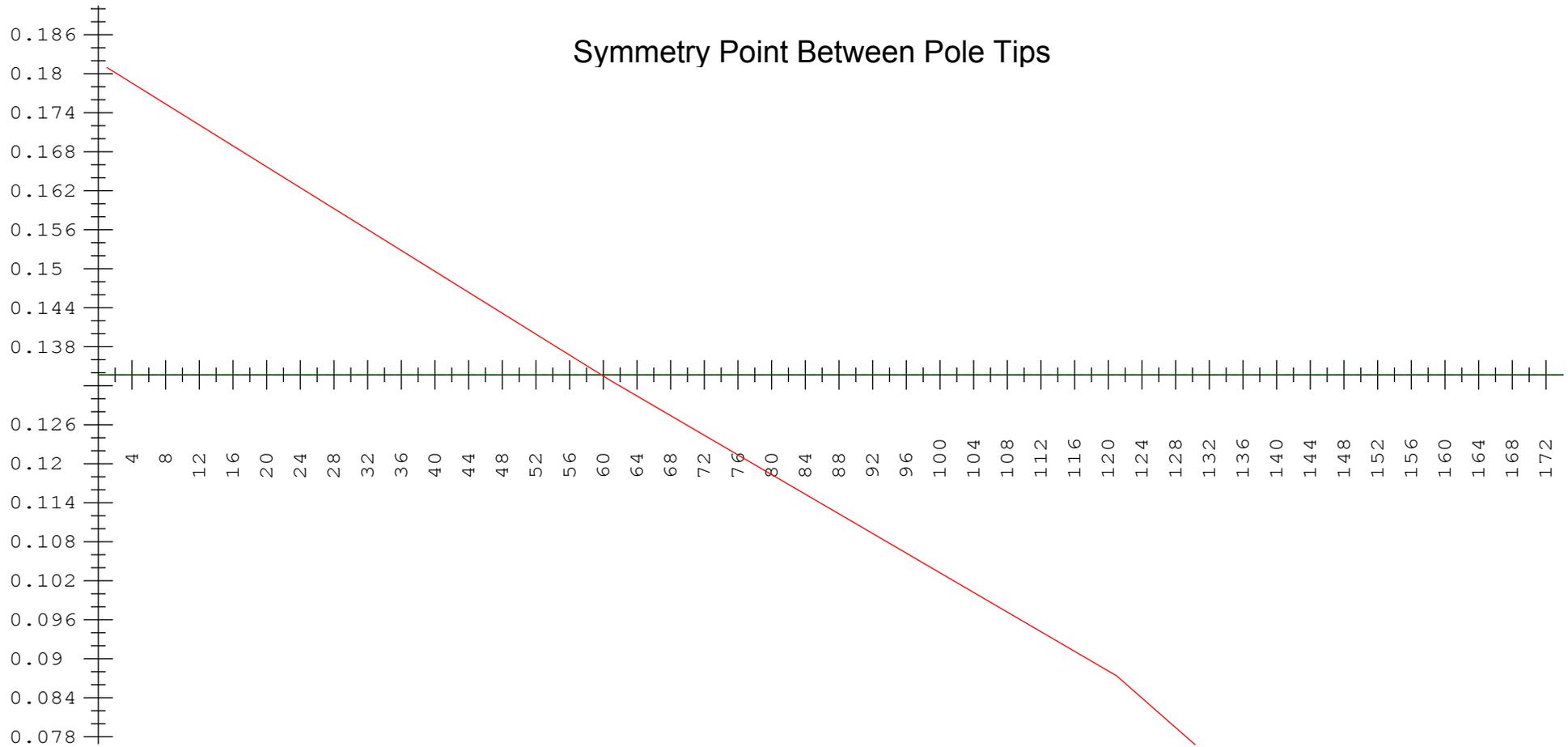


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1337

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	5.1941	5.1597	5.0729	5.0376
Bottom	-4.8259	-4.8579	-4.9386	-4.9714
Gap	10.0200			10.0090
Taper				-0.0110

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1411	-4.8738	10.0149	0.1337

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	-0.046
Bottom Jaw Pitch(mrad)	-0.043
Minimum Effective Gap	9.857
Reference Block Gap	6.805

Dimensions in mm



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