

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 60

Regression Line Through Points =

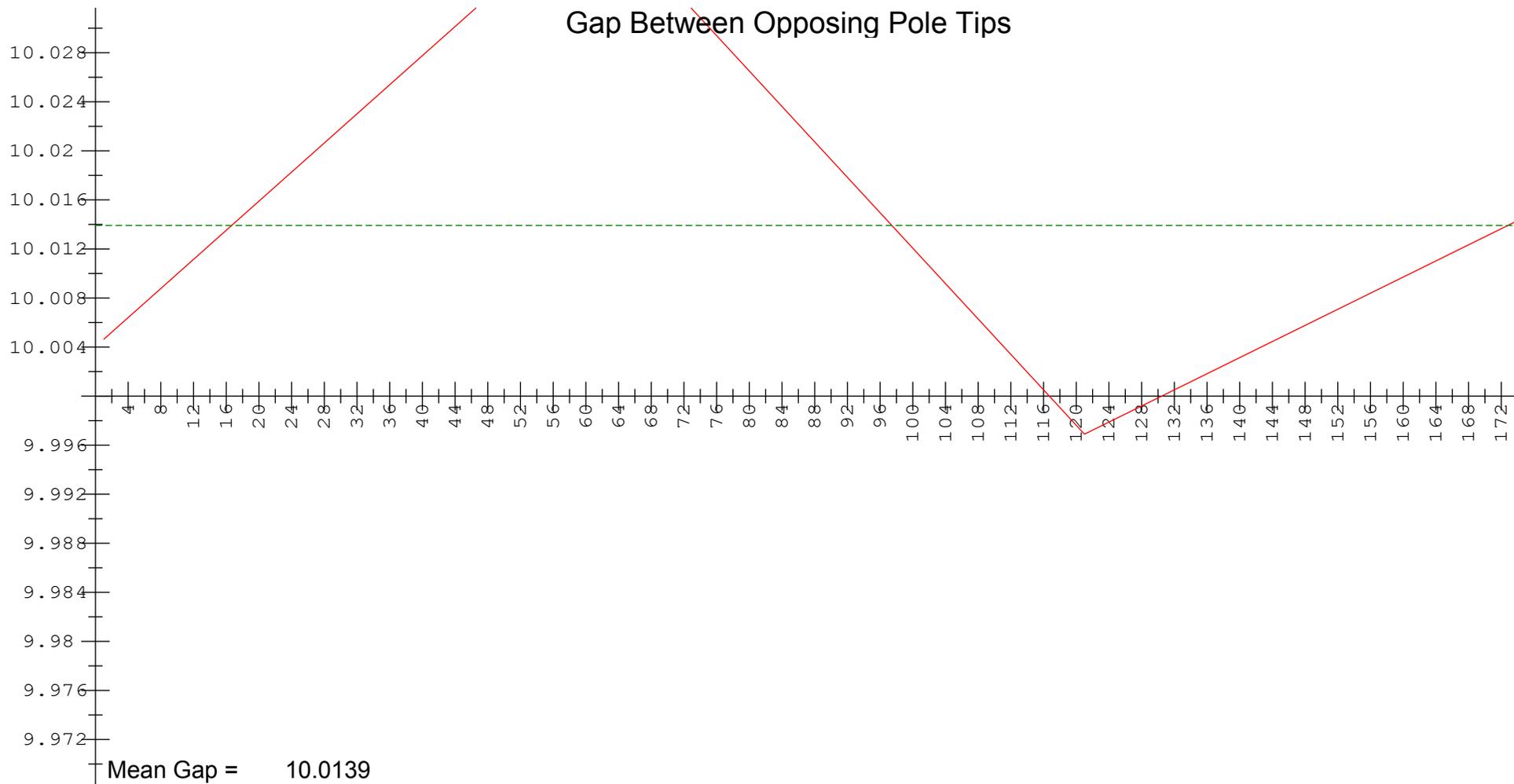
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

30-JUL-2019
 S/N = 001
 D/S = 0007
 Run = 13



Step Between Measured Pole Tips = 60

Dimensions in mm

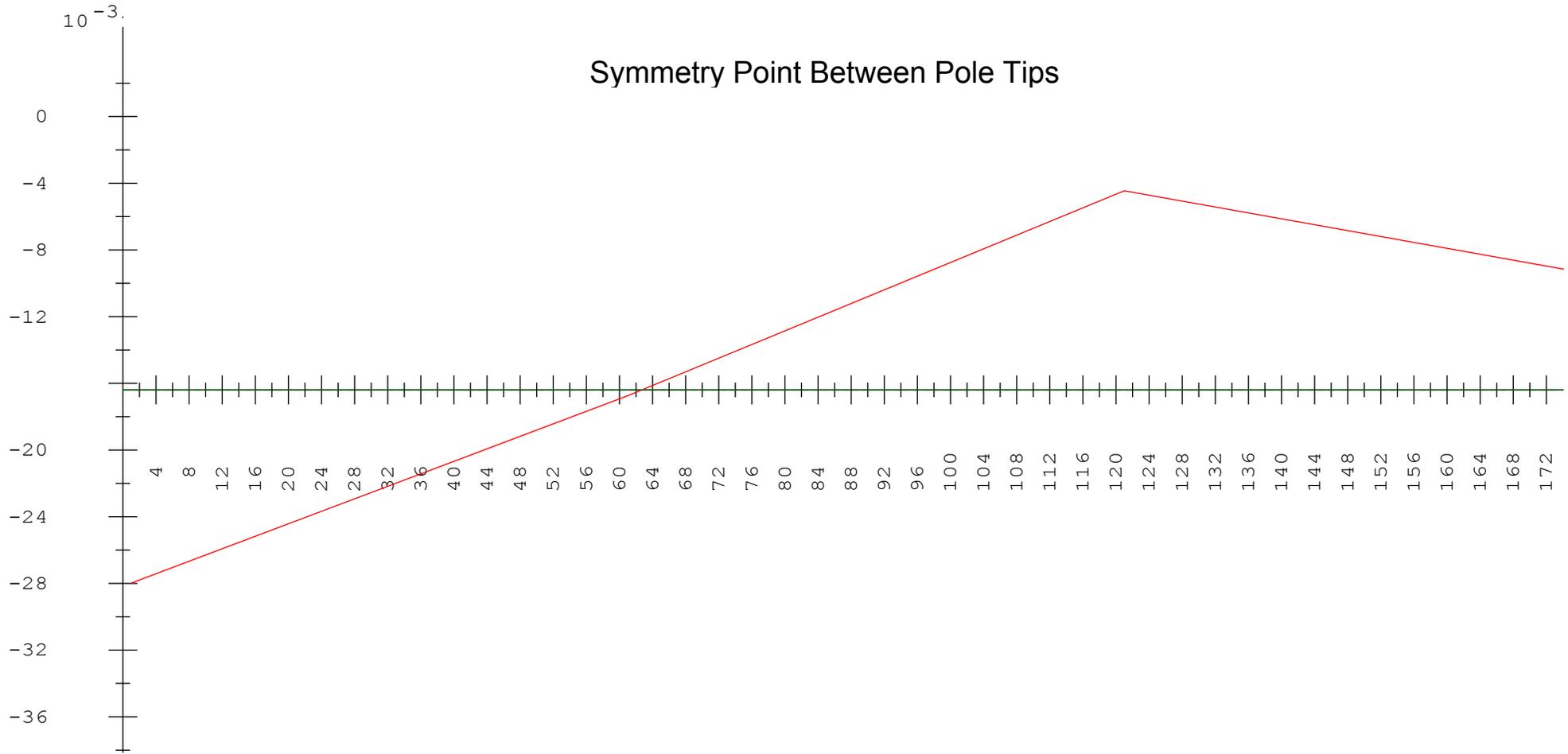


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0164

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	4.9829	4.9870	4.9974	5.0016
Bottom	-5.0334	-5.0283	-5.0155	-5.0103
Gap	10.0163			10.0118
Taper				-0.0044

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9906	-5.0233	10.0139	-0.0164

Additional Calculated Values

Bottom Pole #1 Z Value	980.085
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	0.007
Minimum Effective Gap	9.977
Reference Block Gap	6.804

Dimensions in mm



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