

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 100

Regression Line Through Points = -----
 Dimensions in mm



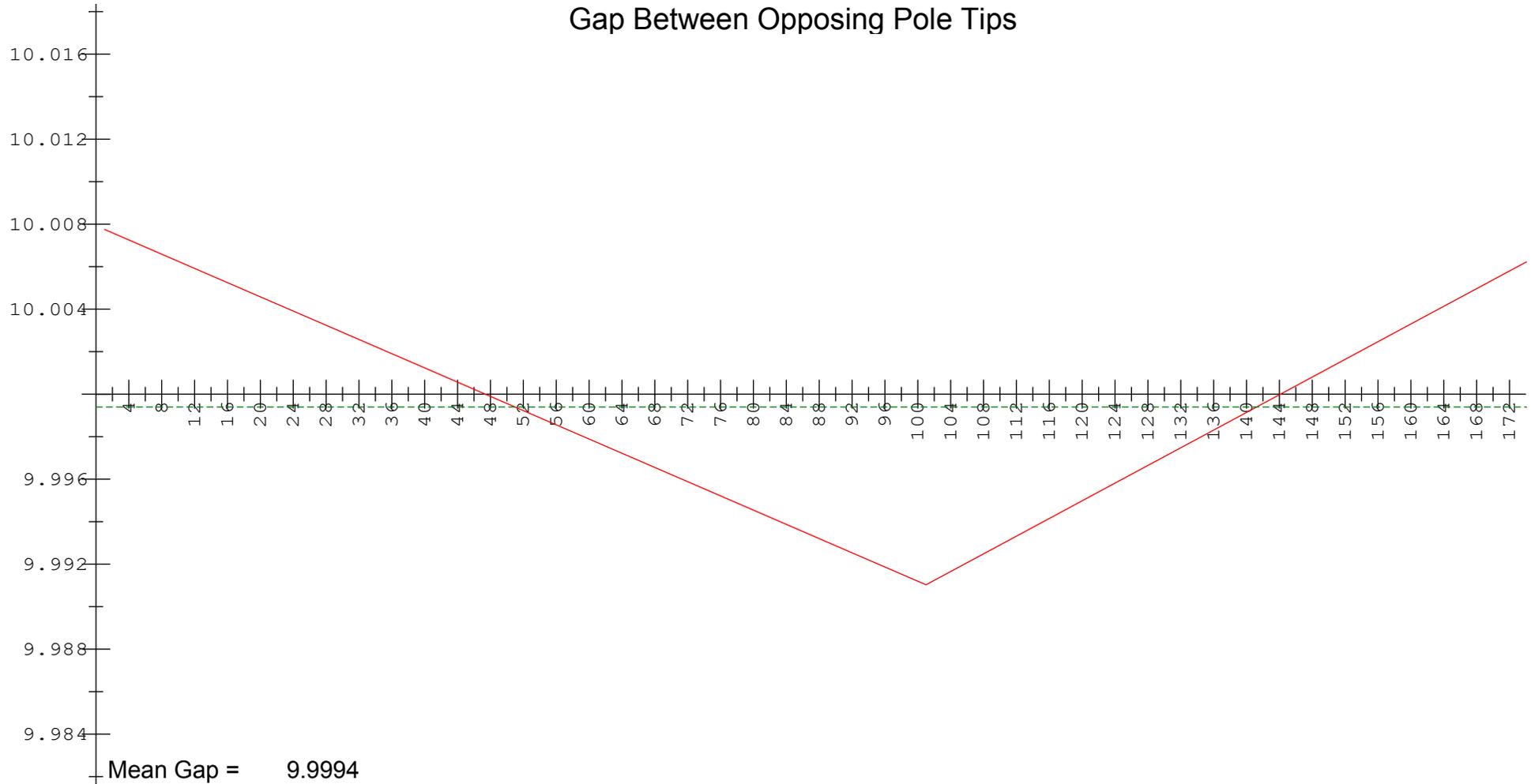
LCLS II - SXR Undulator

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 = 7

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 100

Dimensions in mm

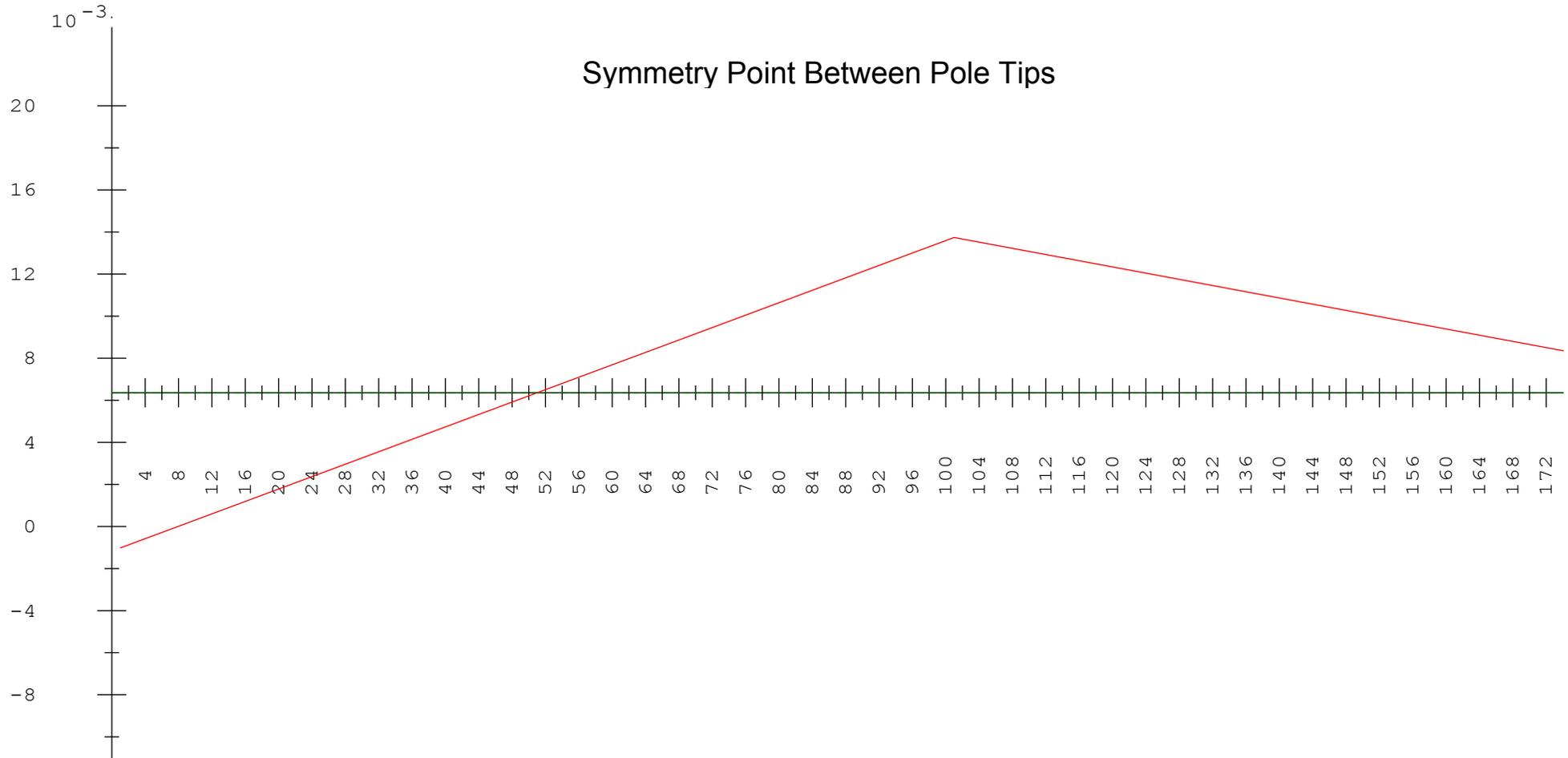


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0064

Step Between Measured Pole Tips = 100

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	5.0033	5.0052	5.0100	5.0120
Bottom	-5.0001	-4.9975	-4.9908	-4.9882
Gap	10.0033			10.0002
Taper				-0.0032

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0061	-4.9933	9.9994	0.0064

Additional Calculated Values

Bottom Pole #1 Z Value	980.085
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.004
Minimum Effective Gap	9.985
Reference Block Gap	6.804

Dimensions in mm



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