

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

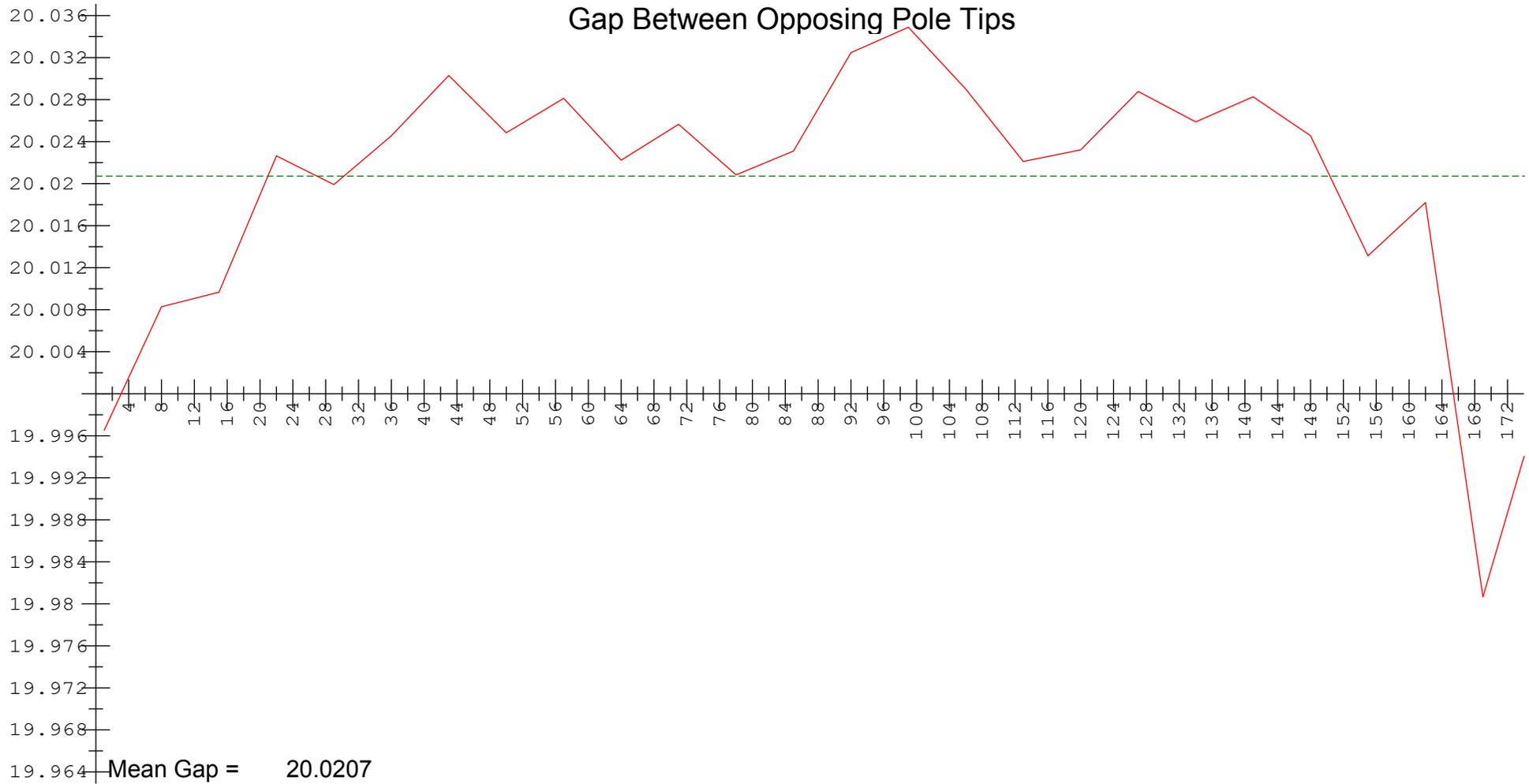
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0000 US Encoder = 20.0000 DS Encoder = 20.0000

19-JUL-2018
 S/N = 013
 D/S = 0001
 Run = 14



Step Between Measured Pole Tips = 7

Dimensions in mm

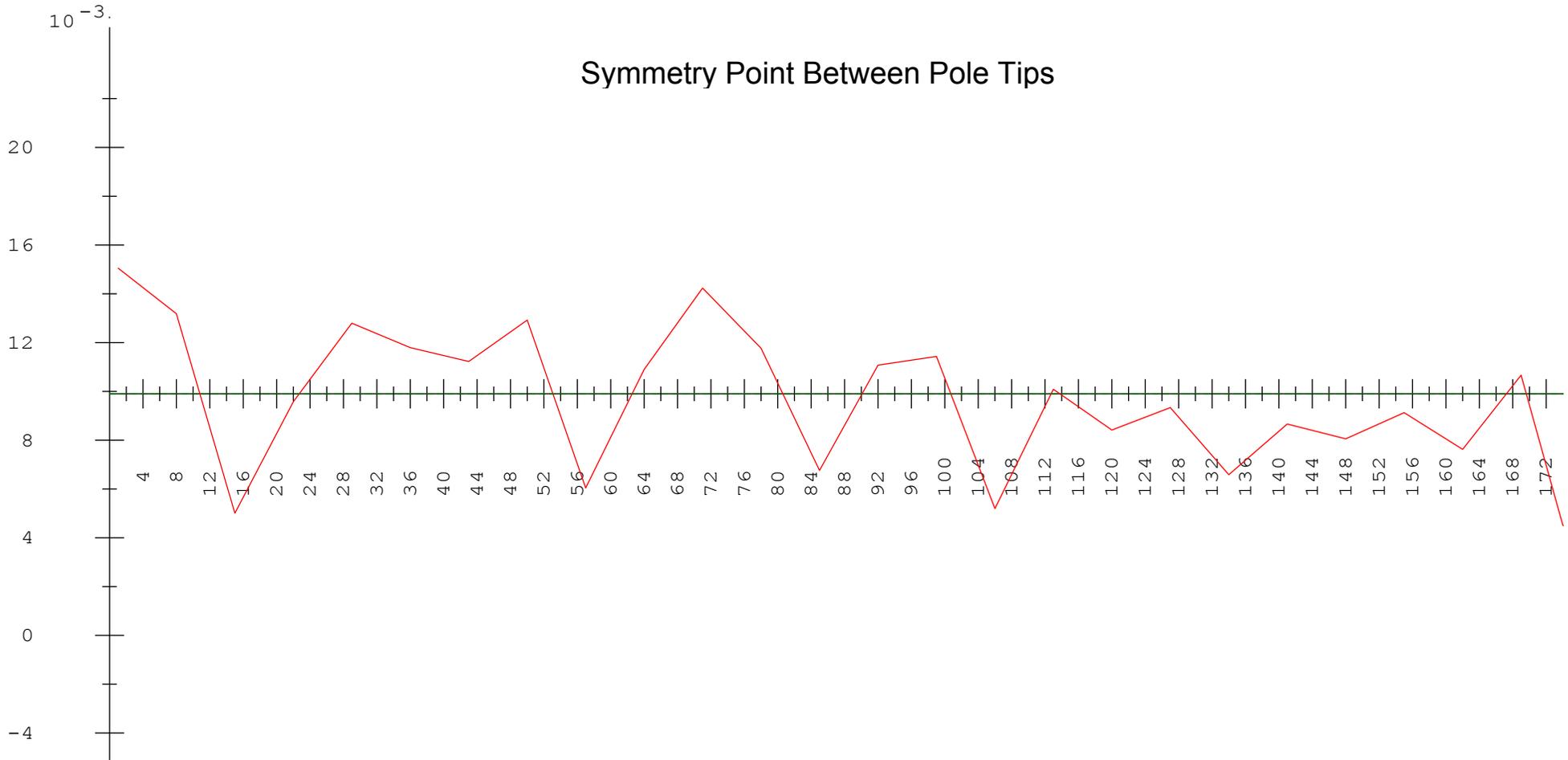


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0099

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	10.0230	10.0215	10.0177	10.0162
Bottom	-9.9991	-9.9995	-10.0007	-10.0012
Gap	20.0220			20.0174
Taper				-0.0046

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.0203	-10.0005	20.0207	0.0099

Additional Calculated Values

Bottom Pole #1 Z Value	979.775
Top Jaw Pitch (mrad)	-0.002
Bottom Jaw Pitch(mrad)	-0.001
Minimum Effective Gap	19.981
Reference Block Gap	6.806

Dimensions in mm



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