

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points =

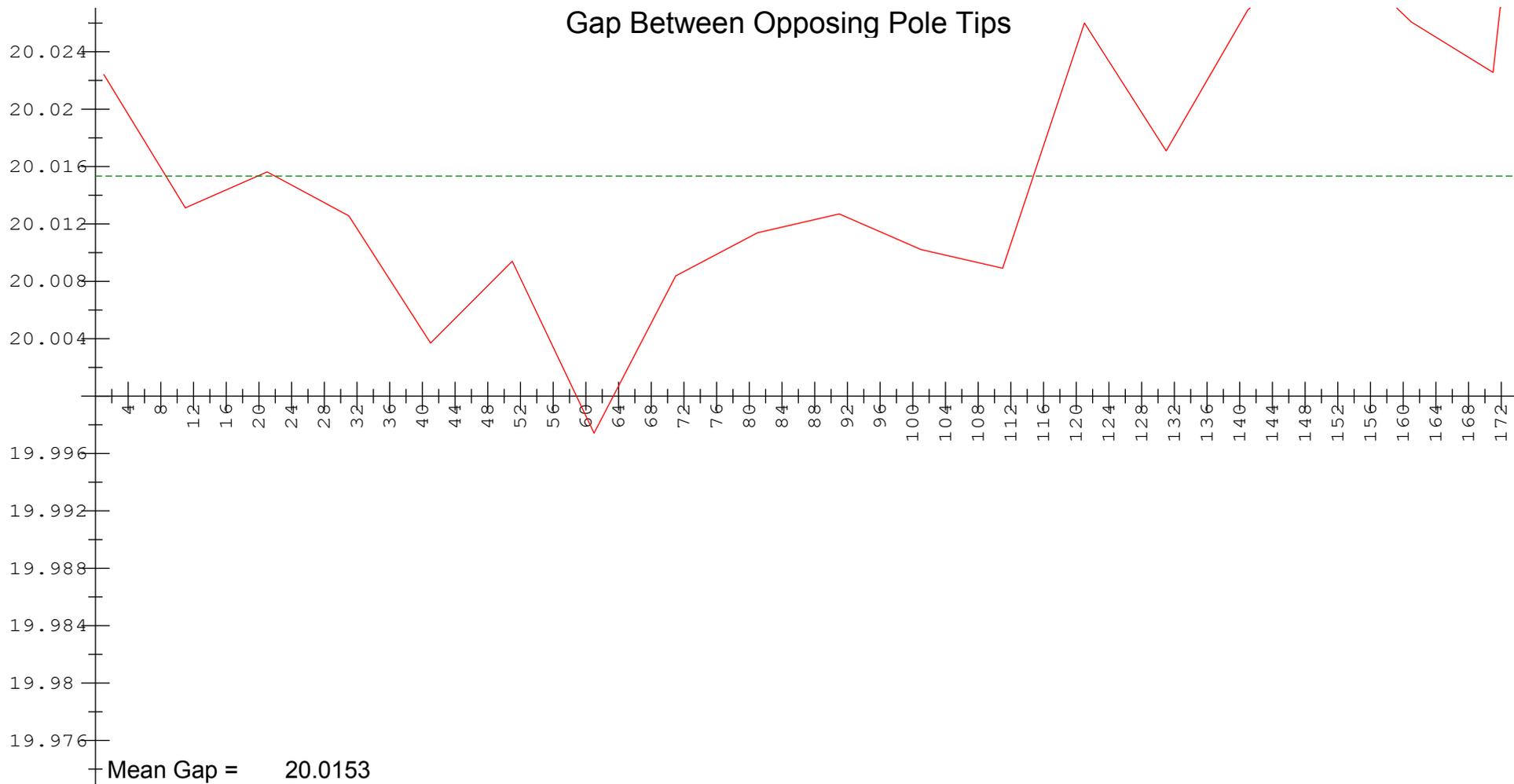
Dimensions in mm



LCLS II - SXR Undulator

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

19-APR-2018
 S/N = 009
 D/S = 0001
 Run = 11



Step Between Measured Pole Tips = 10

Dimensions in mm



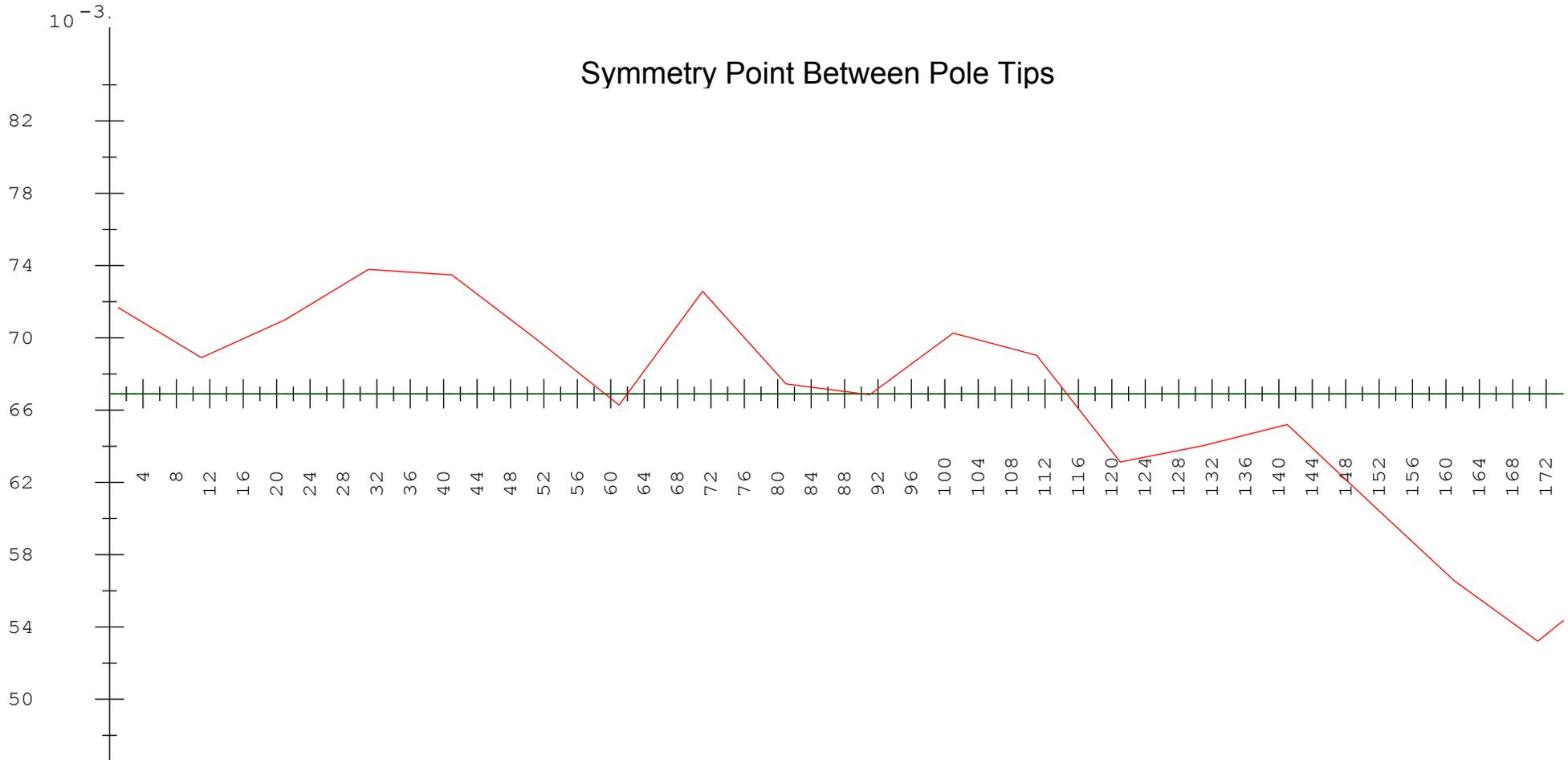
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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0669

Step Between Measured Pole Tips = 10

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	10.0780	10.0765	10.0728	10.0712
Bottom	-9.9285	-9.9342	-9.9487	-9.9546
Gap	20.0065			20.0258
Taper				0.0193

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.0746	-9.9408	20.0153	0.0669

Additional Calculated Values

Bottom Pole #1 Z Value	979.421
Top Jaw Pitch (mrad)	-0.002
Bottom Jaw Pitch(mrad)	-0.008
Minimum Effective Gap	19.993
Reference Block Gap	6.806

Dimensions in mm



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