

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 5

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



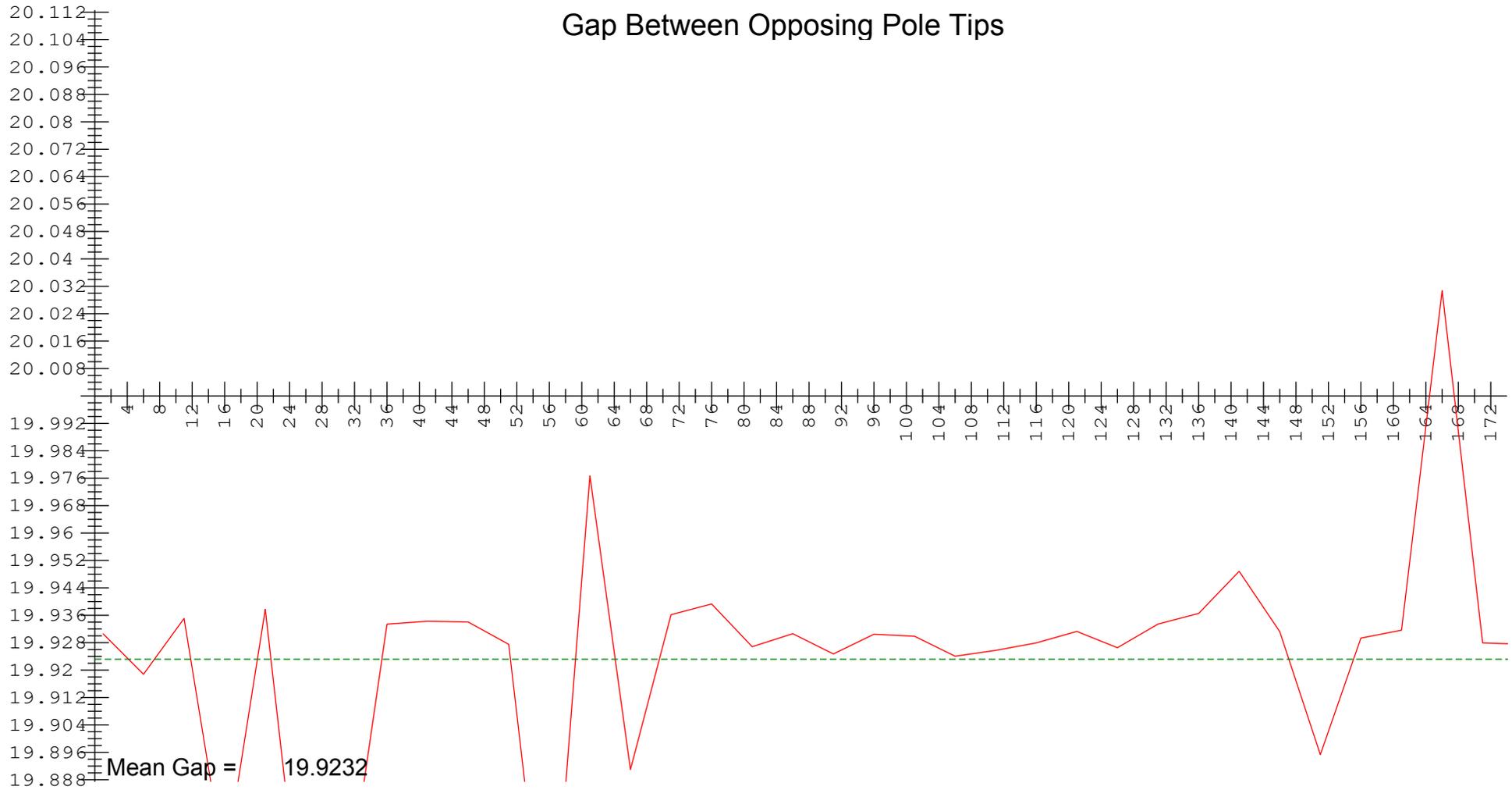
LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000

Gap Reading = 20.0000 US Encoder = 20.0000 DS Encoder = 20.0000

03-MAY-2019
 S/N = 001
 D/S = 0006
 Run = 10

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

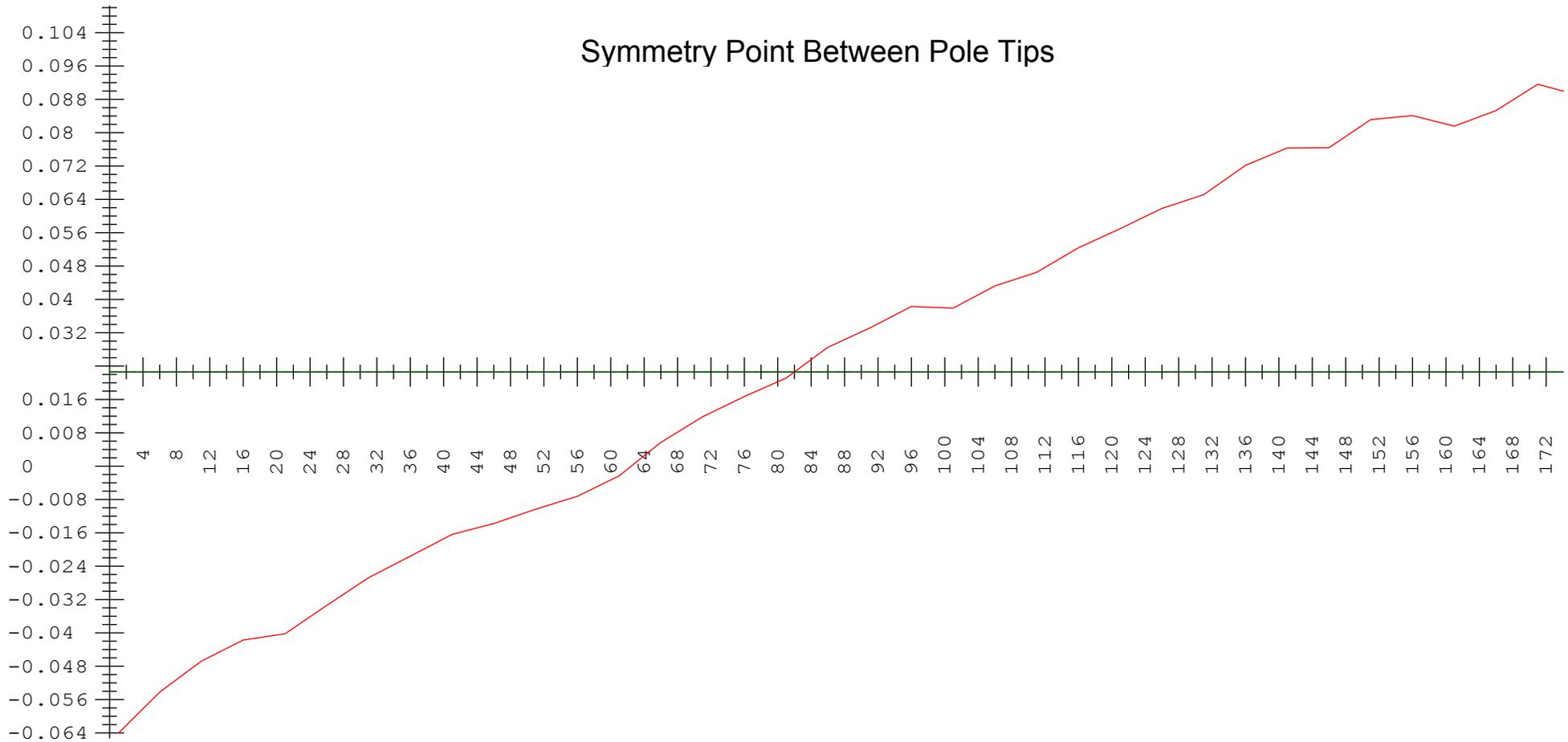


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0226

Step Between Measured Pole Tips = 5

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	9.8965	9.9355	10.0338	10.0738
Bottom	-10.0049	-9.9755	-9.9011	-9.8709
Gap	19.9015			19.9447
Taper				0.0432

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
9.9842	-9.9390	19.9232	0.0226

Additional Calculated Values

Bottom Pole #1 Z Value	980.047
Top Jaw Pitch (mrad)	0.053
Bottom Jaw Pitch(mrad)	0.040
Minimum Effective Gap	19.748
Reference Block Gap	6.807

Dimensions in mm



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