

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = - - - - -

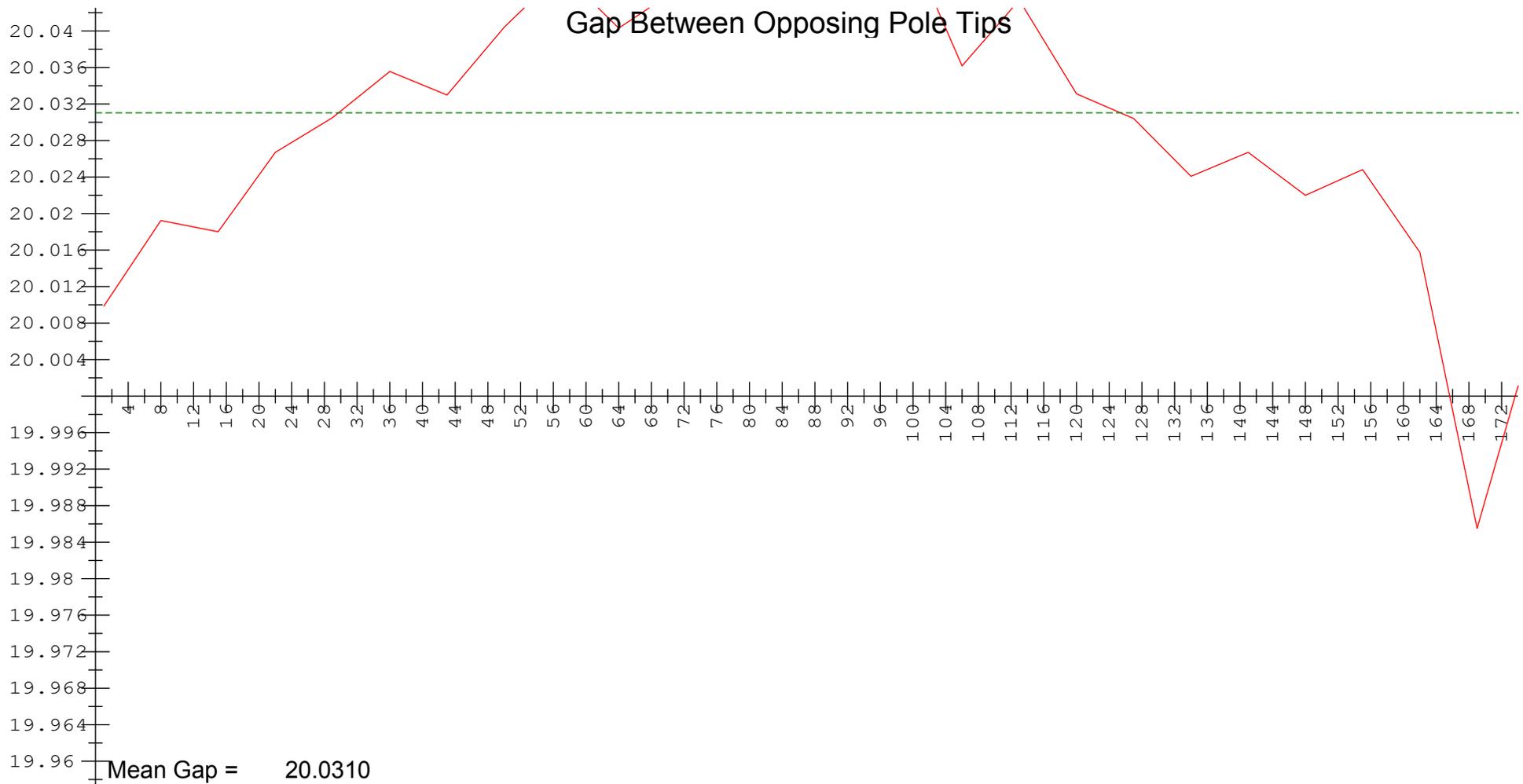
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0001 US Encoder = 20.0000 DS Encoder = 20.0000

15-MAR-2019
 S/N = 022
 D/S = 0001
 Run = 12



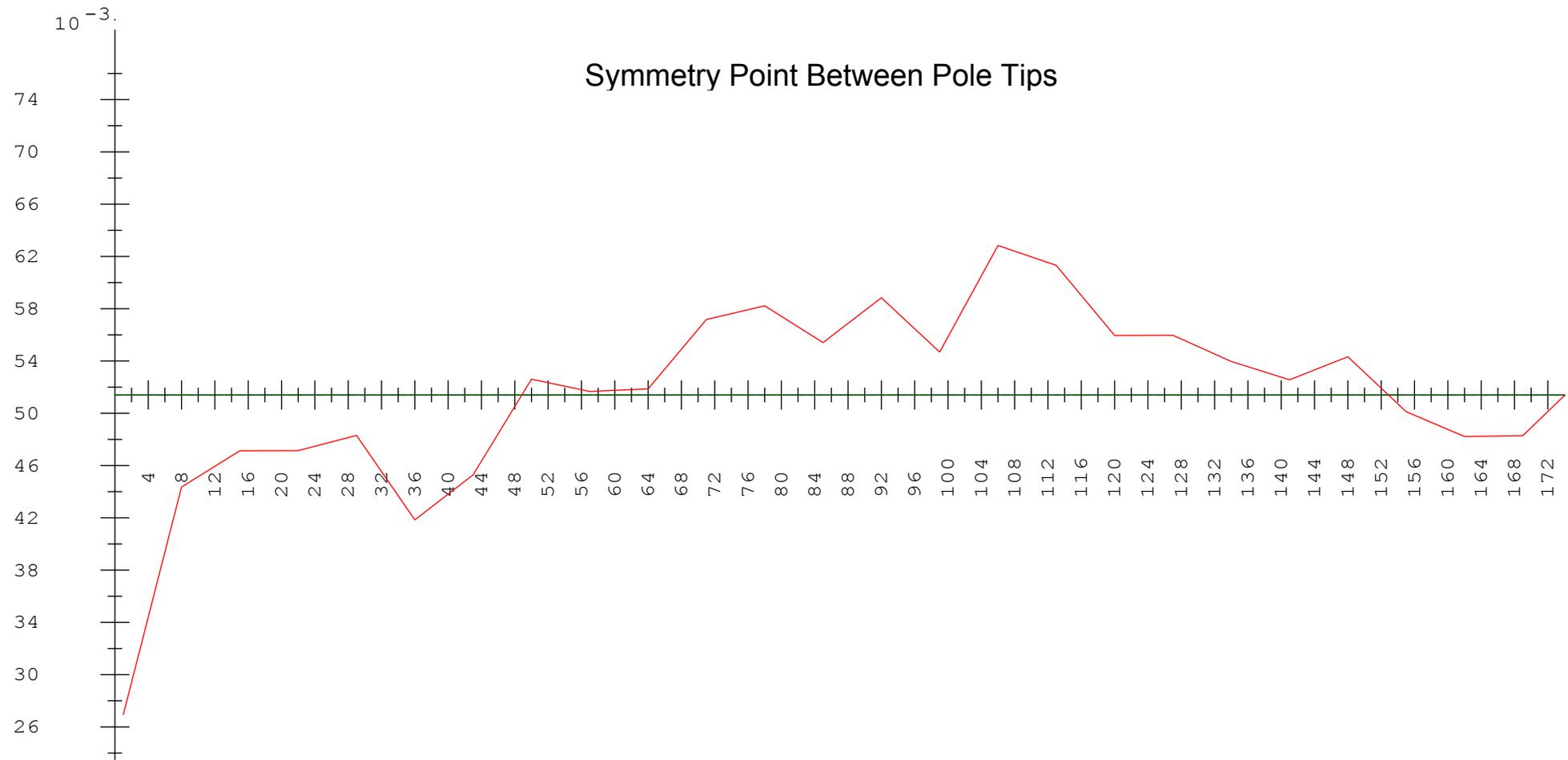
Step Between Measured Pole Tips = 7

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Mean Symmetry Value = 0.0514

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	10.0643	10.0652	10.0674	10.0683
Bottom	-9.9728	-9.9688	-9.9586	-9.9545
Gap	20.0371			20.0228
Taper				-0.0143

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.0669	-9.9641	20.0310	0.0514

Additional Calculated Values

Bottom Pole #1 Z Value	980.569
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	19.976
Reference Block Gap	6.809

Dimensions in mm



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