

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points = -----

Dimensions in mm



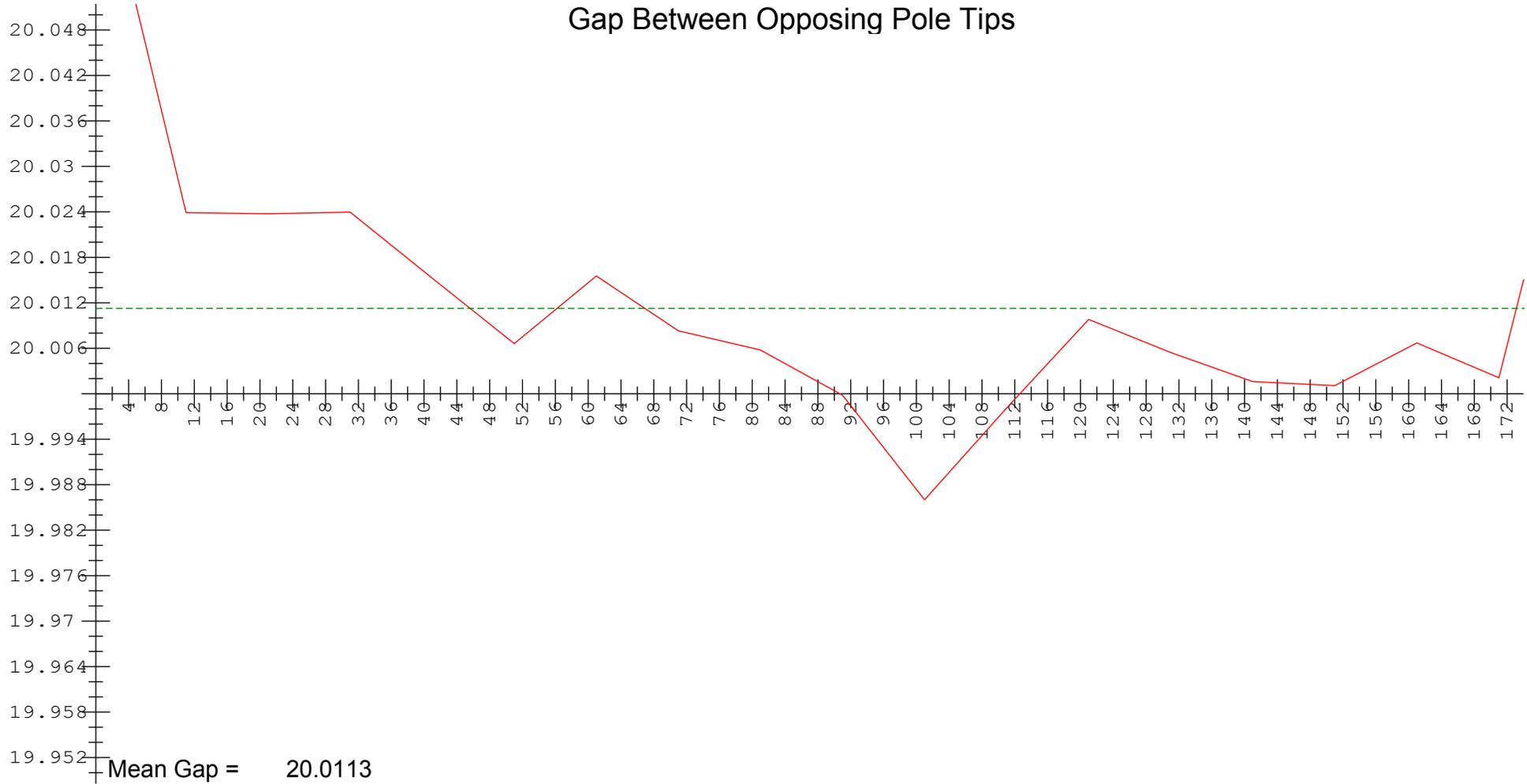
LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

29-MAR-2018
S/N = 008
D/S = 0001
Run = 10

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

Dimensions in mm

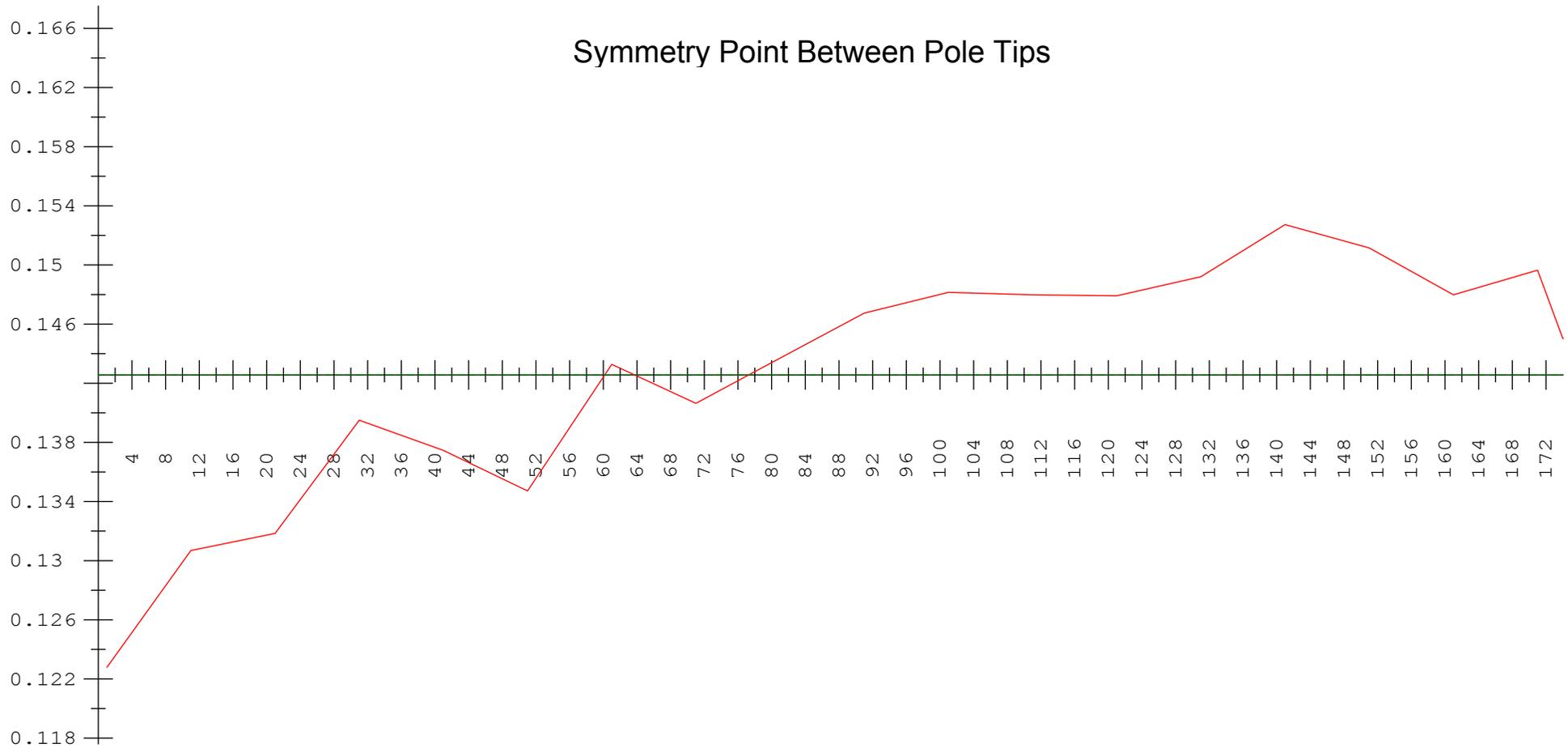


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1426

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	10.1456	10.1468	10.1498	10.1511
Bottom	-9.8827	-9.8744	-9.8533	-9.8447
Gap	20.0283			19.9958
Taper				-0.0325

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.1482	-9.8631	20.0113	0.1426

Additional Calculated Values

Bottom Pole #1 Z Value	979.390
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.011
Minimum Effective Gap	19.983
Reference Block Gap	6.803

Dimensions in mm



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