

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points = -----

Dimensions in mm

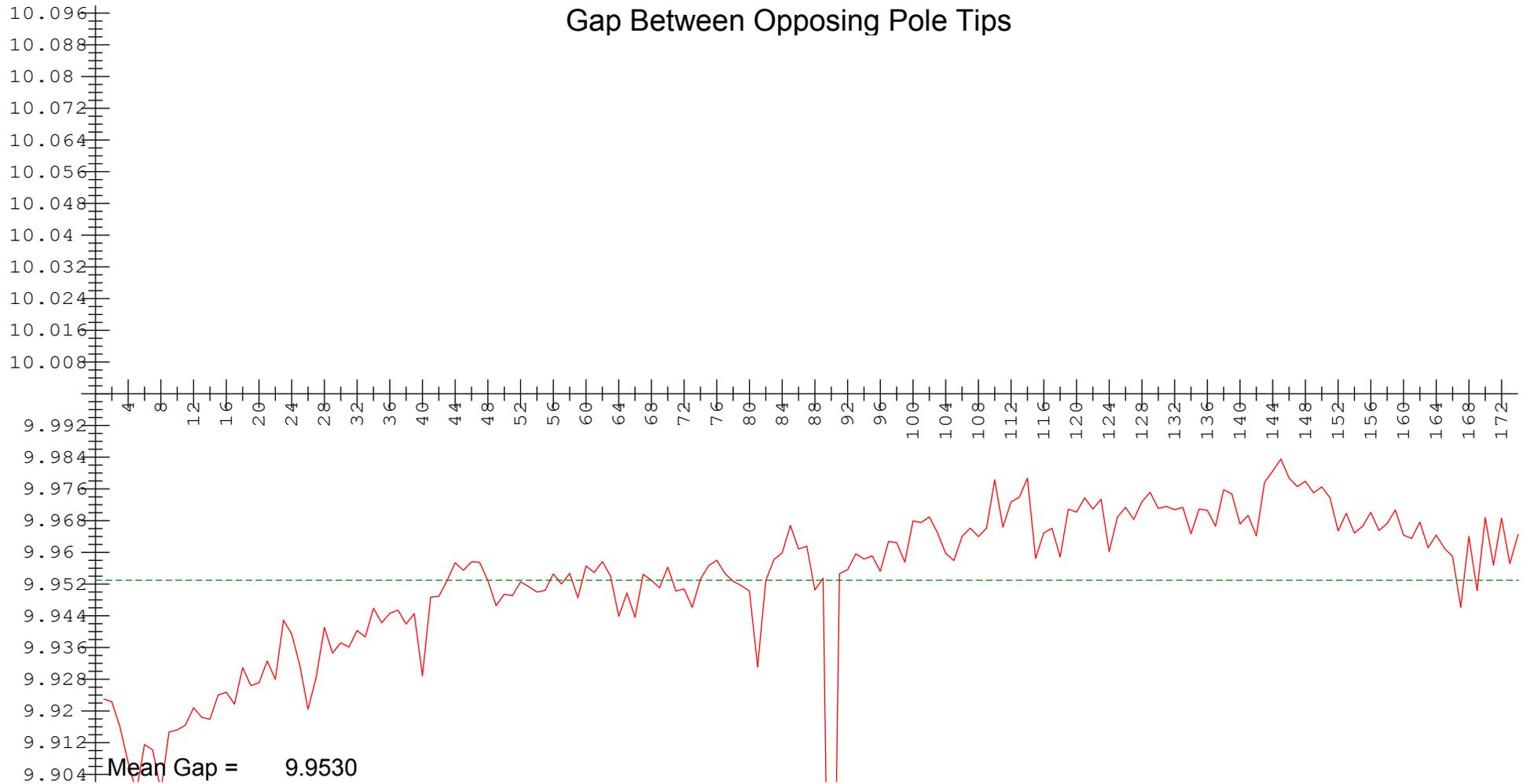


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0001 US Encoder = 10.0002 DS Encoder = 10.0001

17-JUL-2018
 S/N = 013
 D/S = 0001
 Run = 1

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

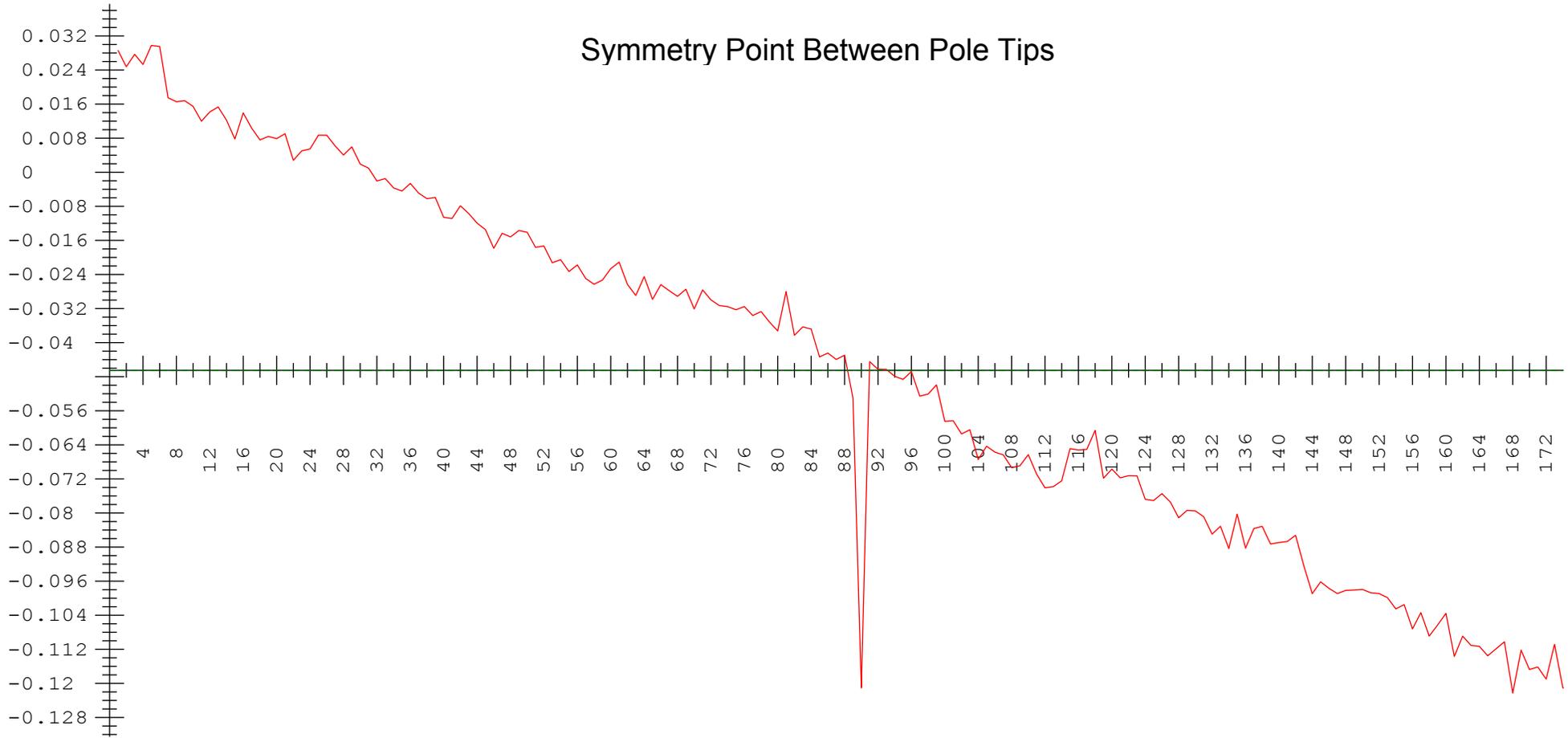


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0465

Step Between Measured Pole Tips = 1

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	4.9891	4.9631	4.8975	4.8709
Bottom	-4.9385	-4.9756	-5.0694	-5.1074
Gap	9.9276			9.9783
Taper				0.0507

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9300	-5.0230	9.9530	-0.0465

Additional Calculated Values

Bottom Pole #1 Z Value	979.775
Top Jaw Pitch (mrad)	-0.035
Bottom Jaw Pitch(mrad)	-0.050
Minimum Effective Gap	9.703
Reference Block Gap	6.806

Dimensions in mm



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