

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 87

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

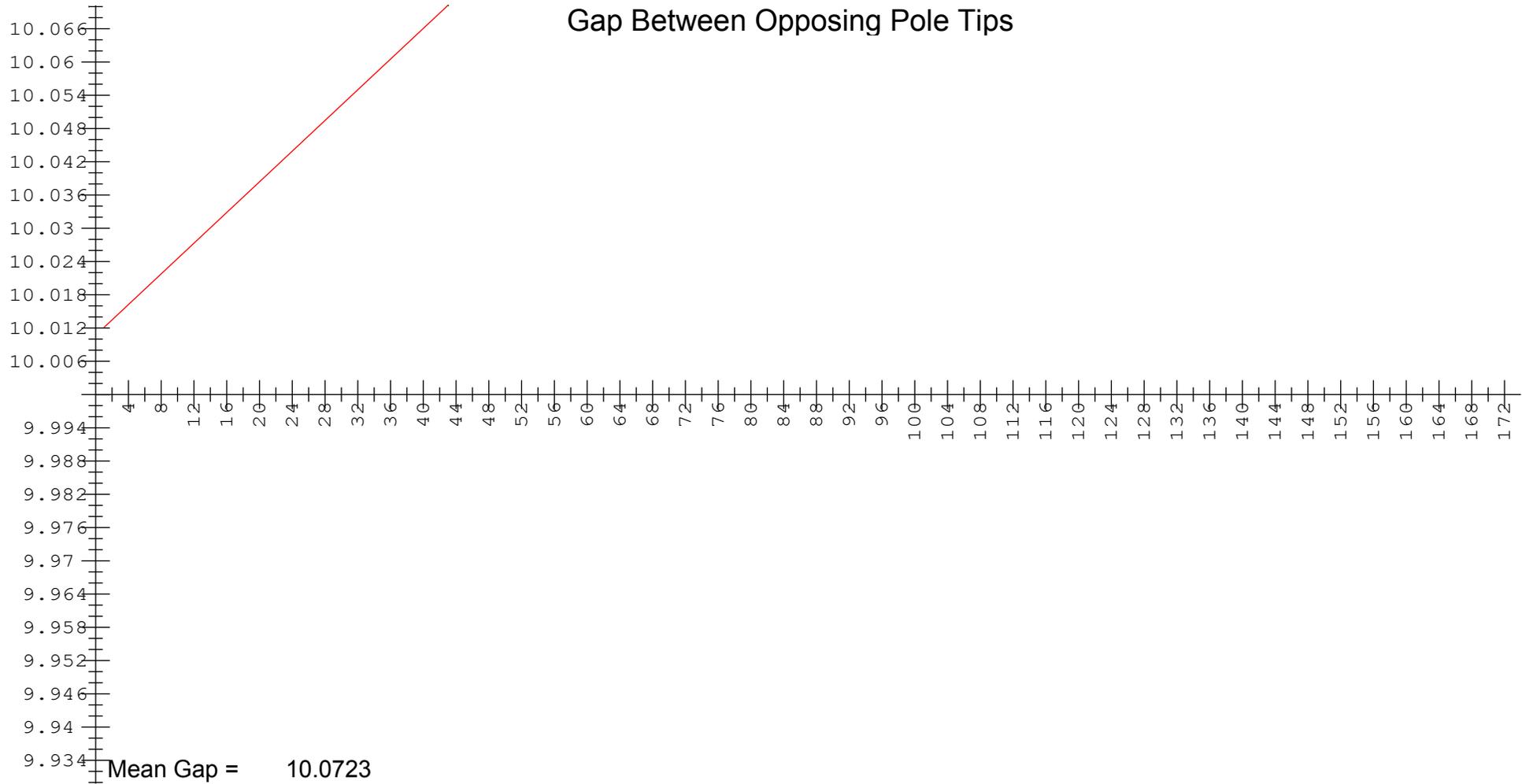
12-AUG-2019

S/N = 001

D/S = 0007

Run = 43

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 87

Dimensions in mm

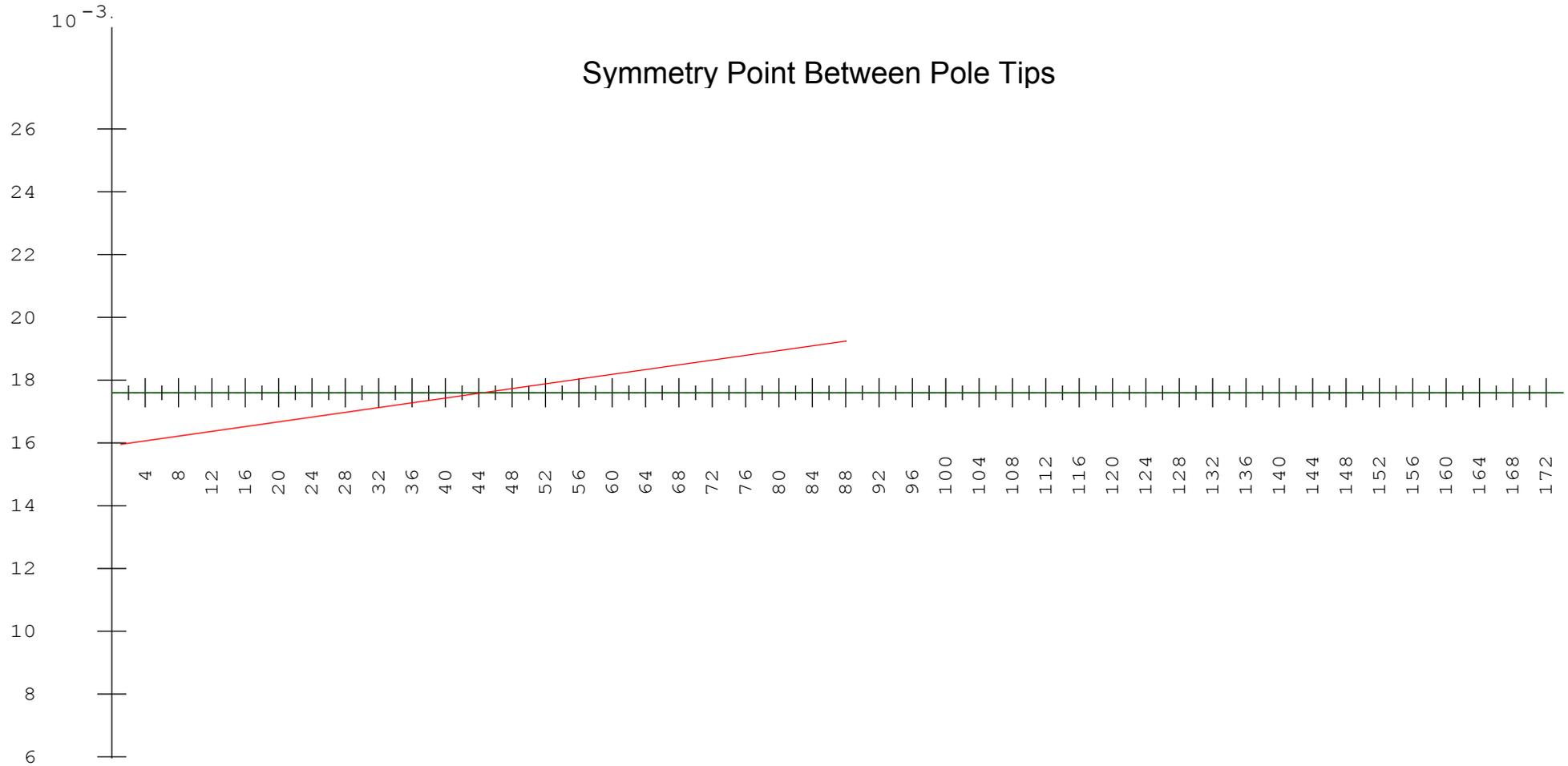


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0176

Step Between Measured Pole Tips = 87

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	5.0206	5.0502	5.1248	5.1551
Bottom	-4.9821	-5.0175	-5.1070	-5.1433
Gap	10.0027			10.2984
Taper				0.2958

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0537	-5.0185	10.0723	0.0176

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.040
Bottom Jaw Pitch(mrad)	-0.048
Minimum Effective Gap	10.012
Reference Block Gap	6.801

Dimensions in mm



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