

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

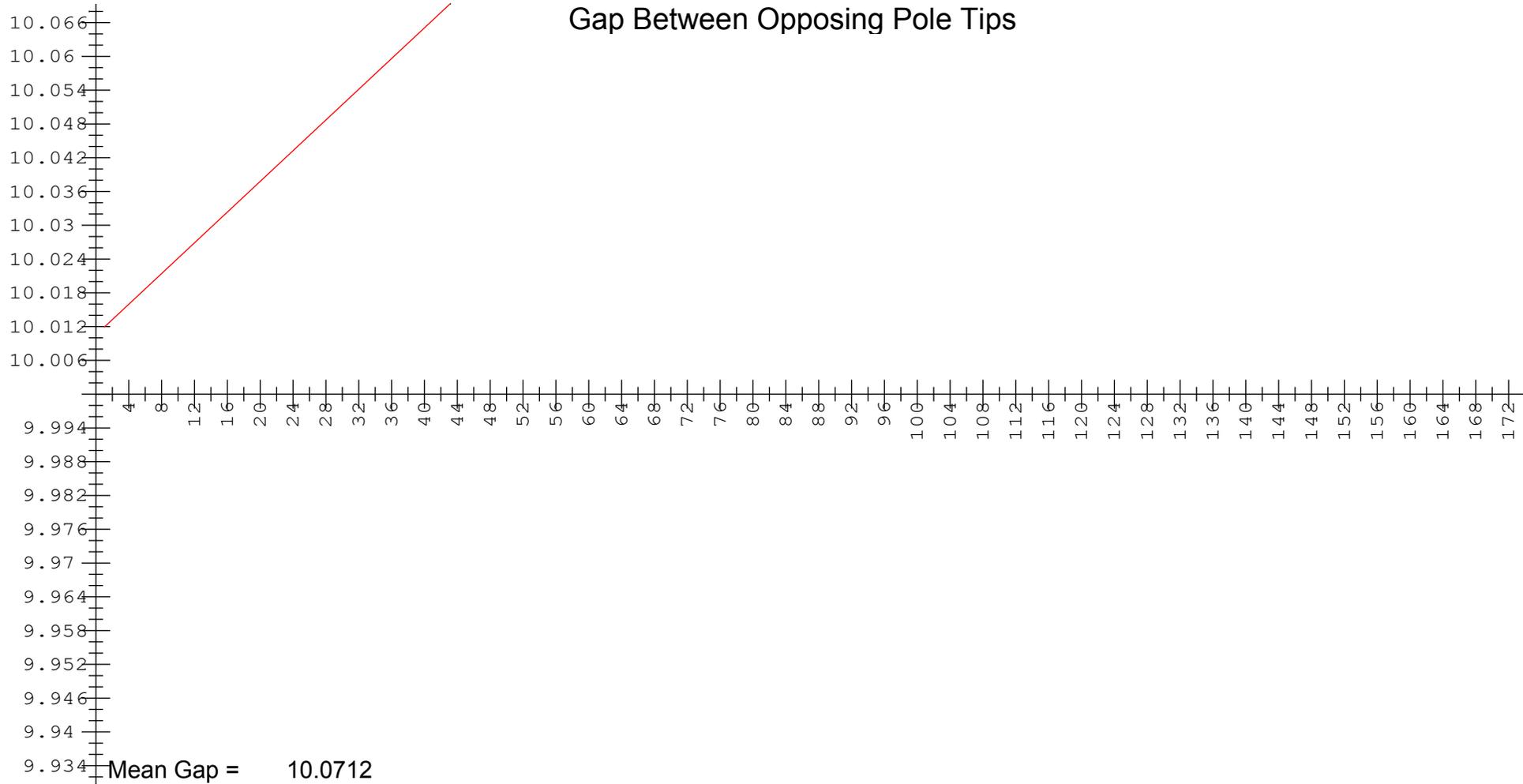
13-AUG-2019

S/N = 001

D/S = 0007

Run = 54

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 87

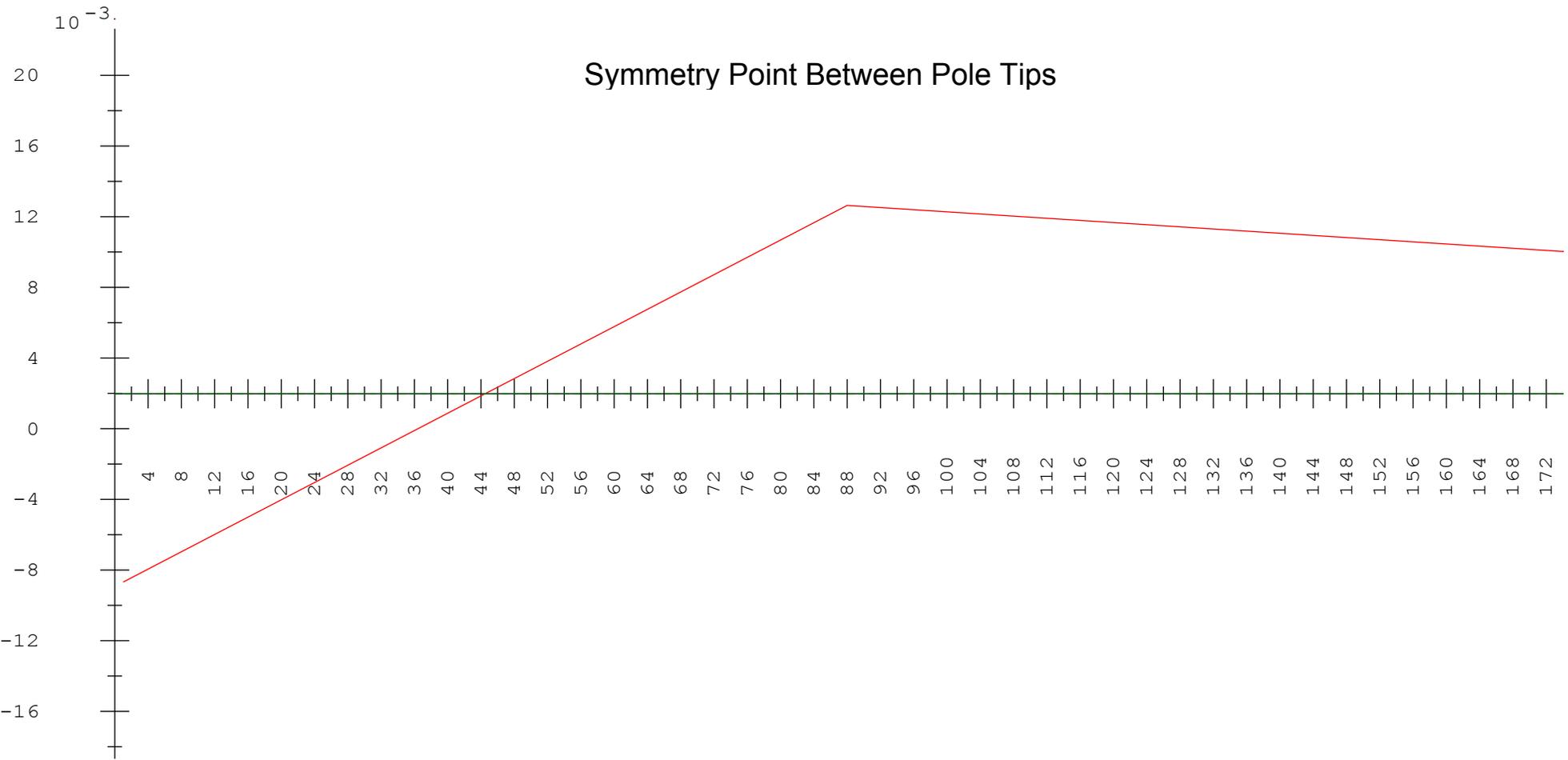
Dimensions in mm



LCLS II - SXR Undulator

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13-AUG-2019
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Mean Symmetry Value = 0.0020

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	4.9962	5.0328	5.1254	5.1630
Bottom	-5.0057	-5.0341	-5.1058	-5.1350
Gap	10.0018			10.2980
Taper				0.2962

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0376	-5.0336	10.0712	0.0020

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.049
Bottom Jaw Pitch(mrad)	-0.038
Minimum Effective Gap	10.012
Reference Block Gap	6.801

Dimensions in mm



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