

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

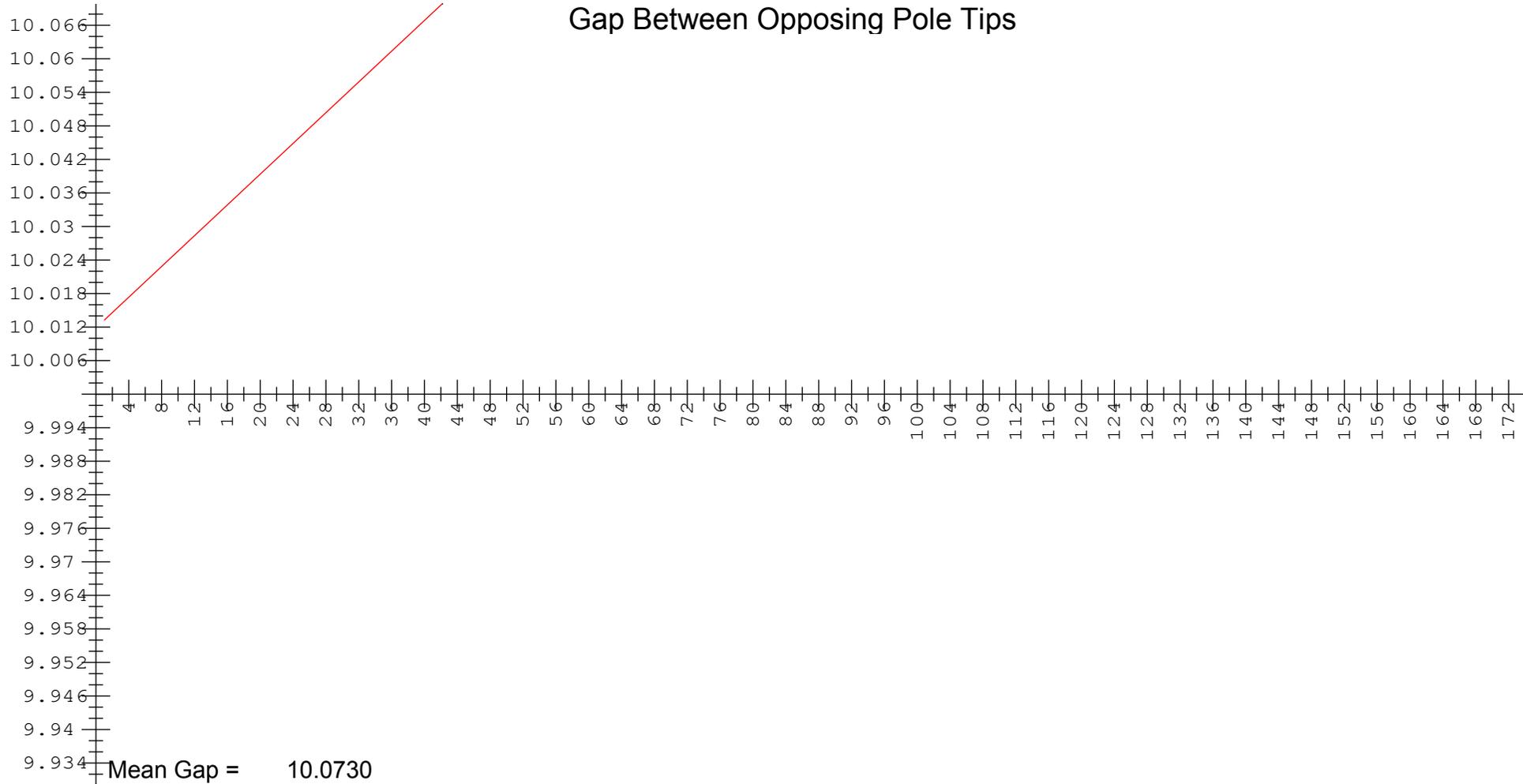
13-AUG-2019

S/N = 001

D/S = 0007

Run = 52

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 87

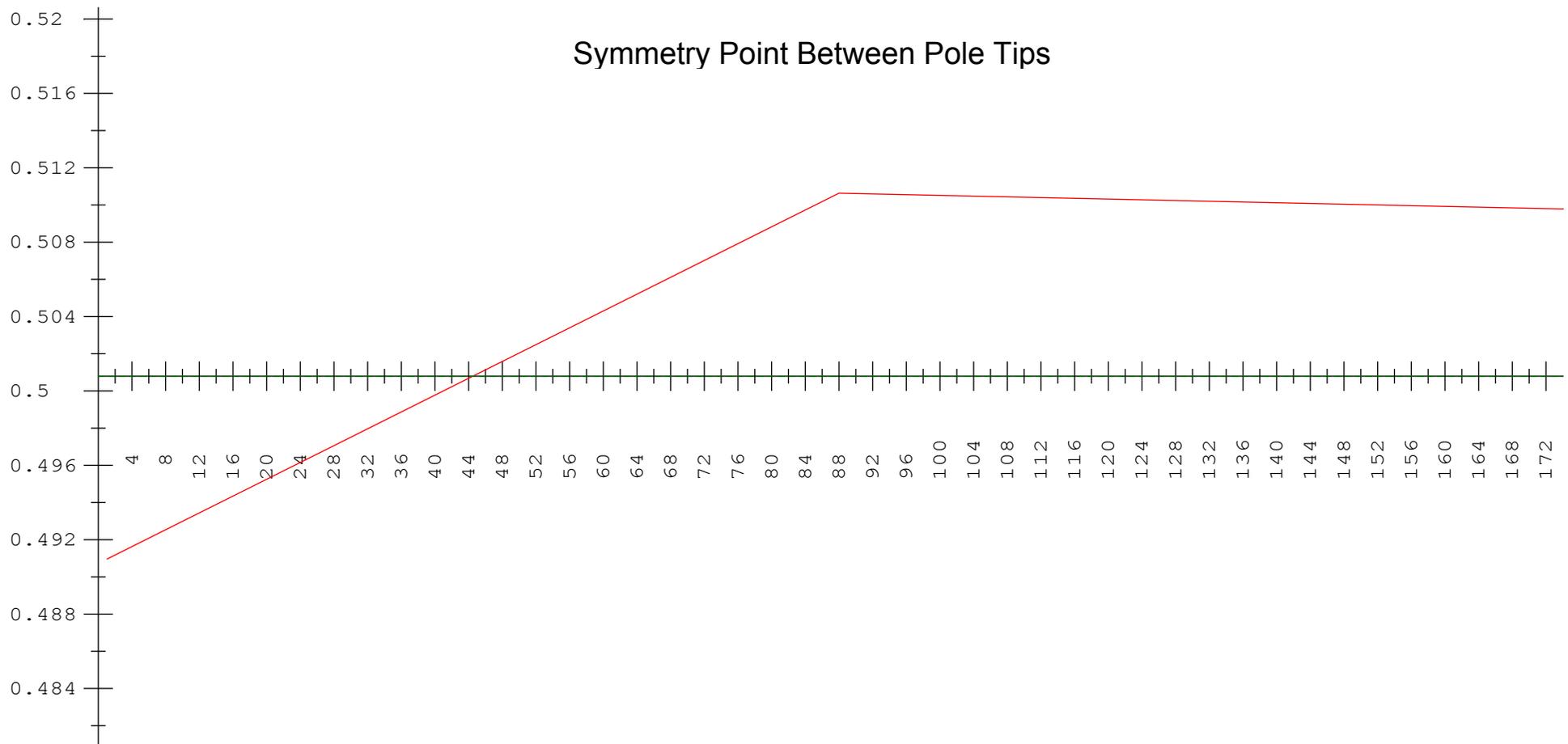
Dimensions in mm



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13-AUG-2019
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Mean Symmetry Value = 0.5008

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	5.4966	5.5326	5.6237	5.6607
Bottom	-4.5079	-4.5356	-4.6058	-4.6343
Gap	10.0044			10.2950
Taper				0.2905

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.5373	-4.5357	10.0730	0.5008

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.049
Bottom Jaw Pitch(mrad)	-0.037
Minimum Effective Gap	10.013
Reference Block Gap	6.801

Dimensions in mm



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