

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 = 16 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

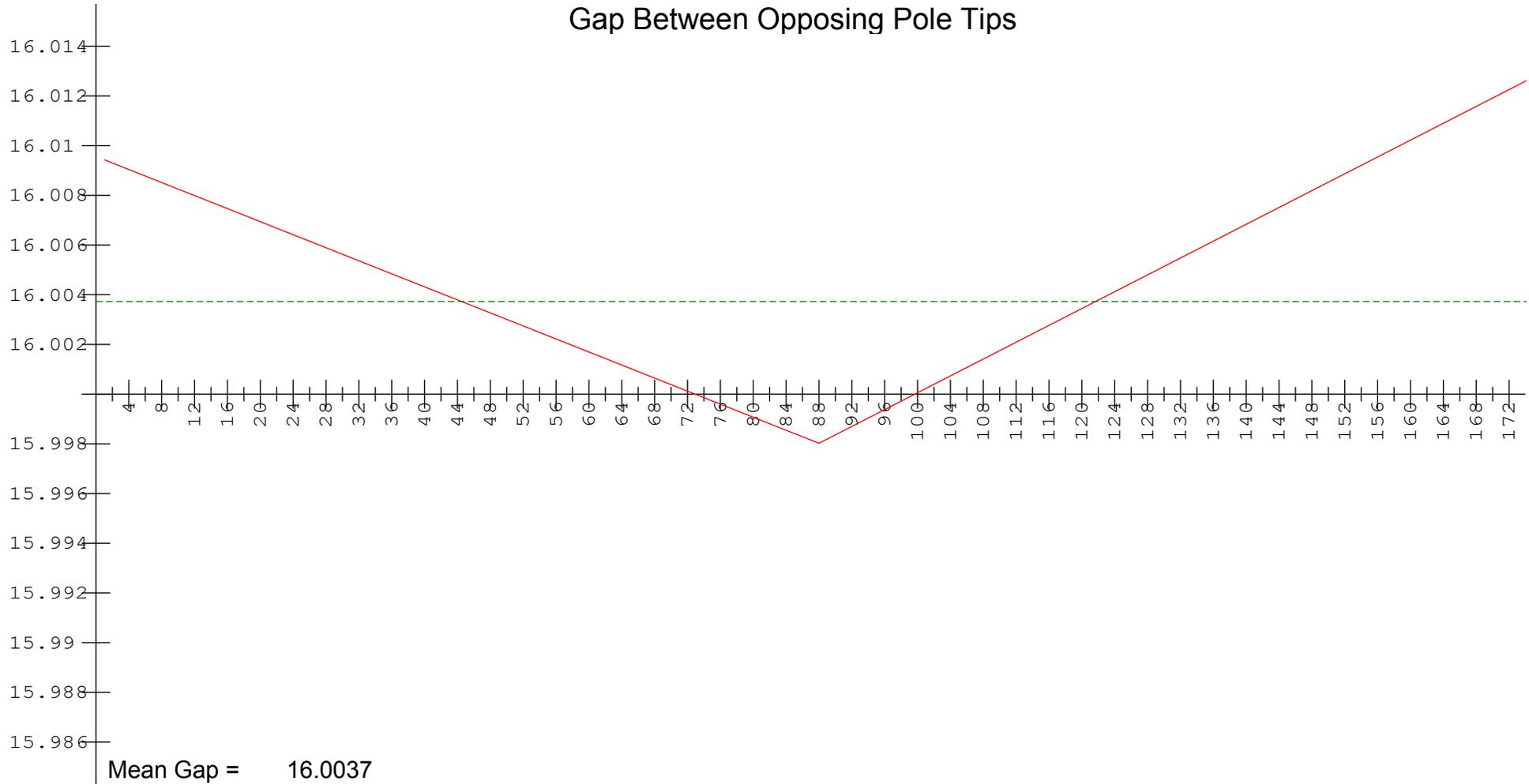
12-AUG-2019

S/N = 001

D/S = 0007

Run = 38

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 87

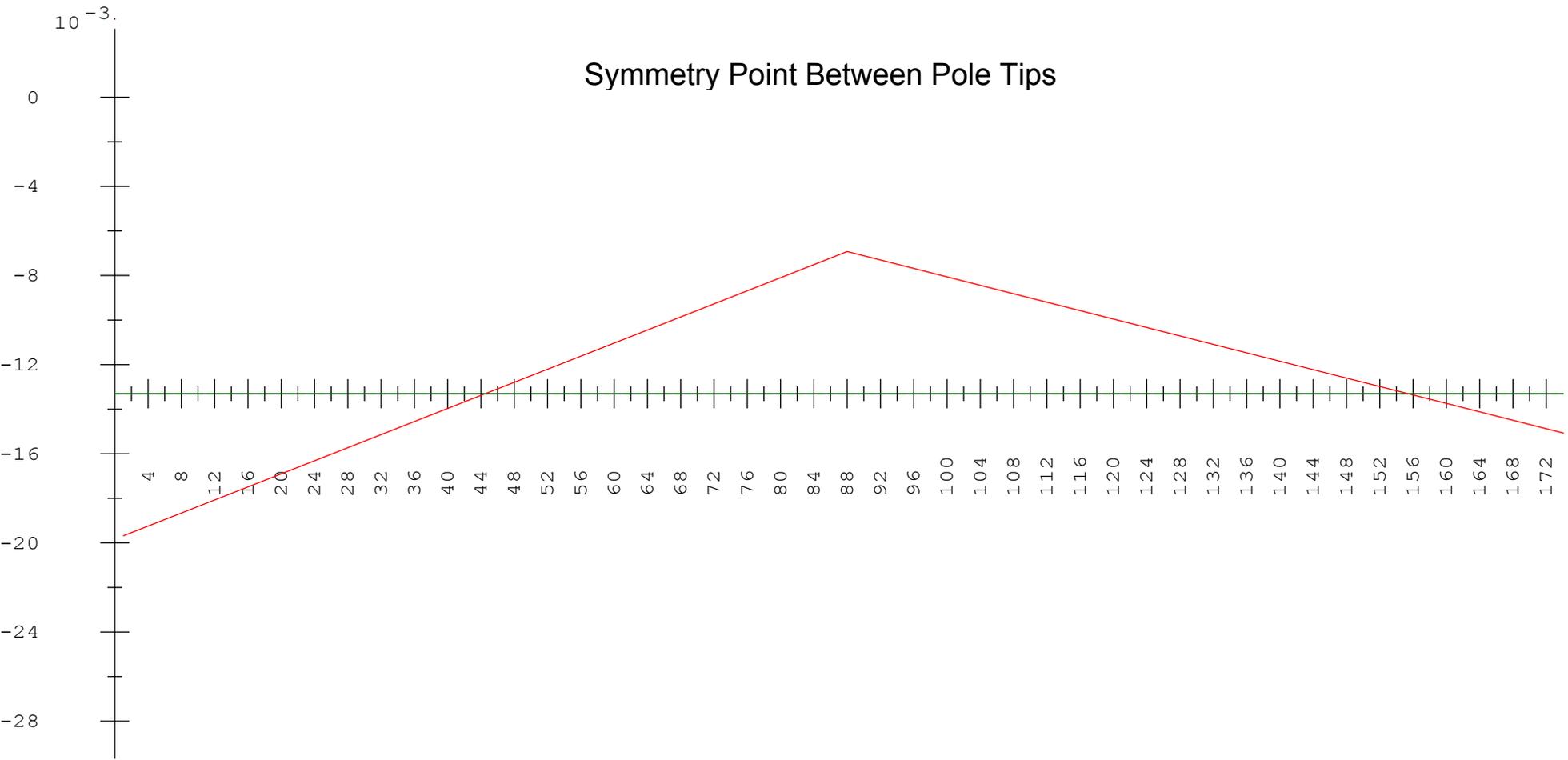
Dimensions in mm



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Mean Symmetry Value = -0.0133

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	7.9863	7.9877	7.9911	7.9926
Bottom	-8.0188	-8.0181	-8.0164	-8.0157
Gap	16.0051			16.0082
Taper				0.0031

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.9886	-8.0152	16.0037	-0.0133

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	15.991
Reference Block Gap	6.801

Dimensions in mm



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