

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = -----

Dimensions in mm

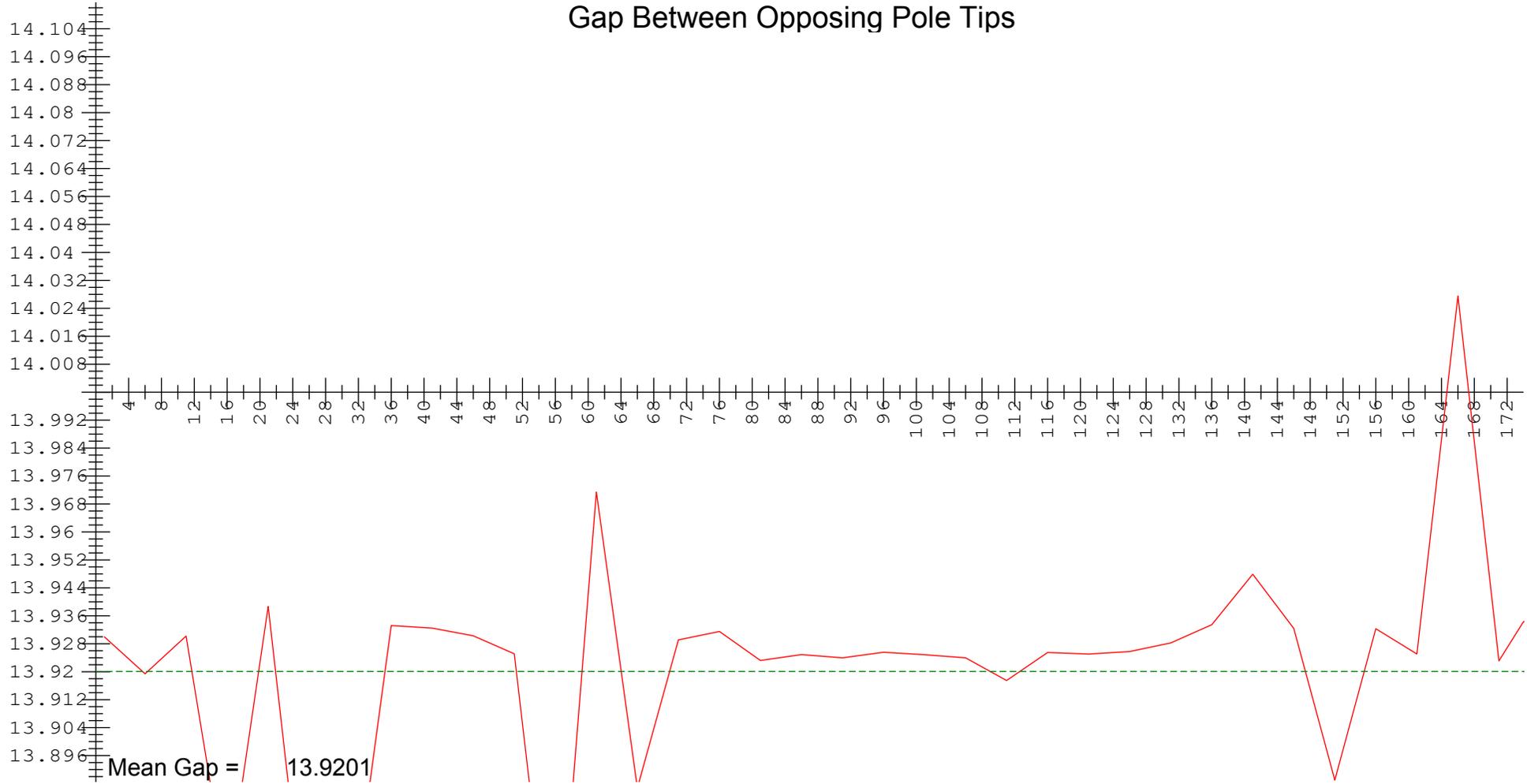


LCLS II - SXR Undulator

Nominal Gap = 14 Nominal Taper = 0.000
 Gap Reading = 14.0000 US Encoder = 14.0000 DS Encoder = 14.0001

03-MAY-2019
 S/N = 001
 D/S = 0006
 Run = 8

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

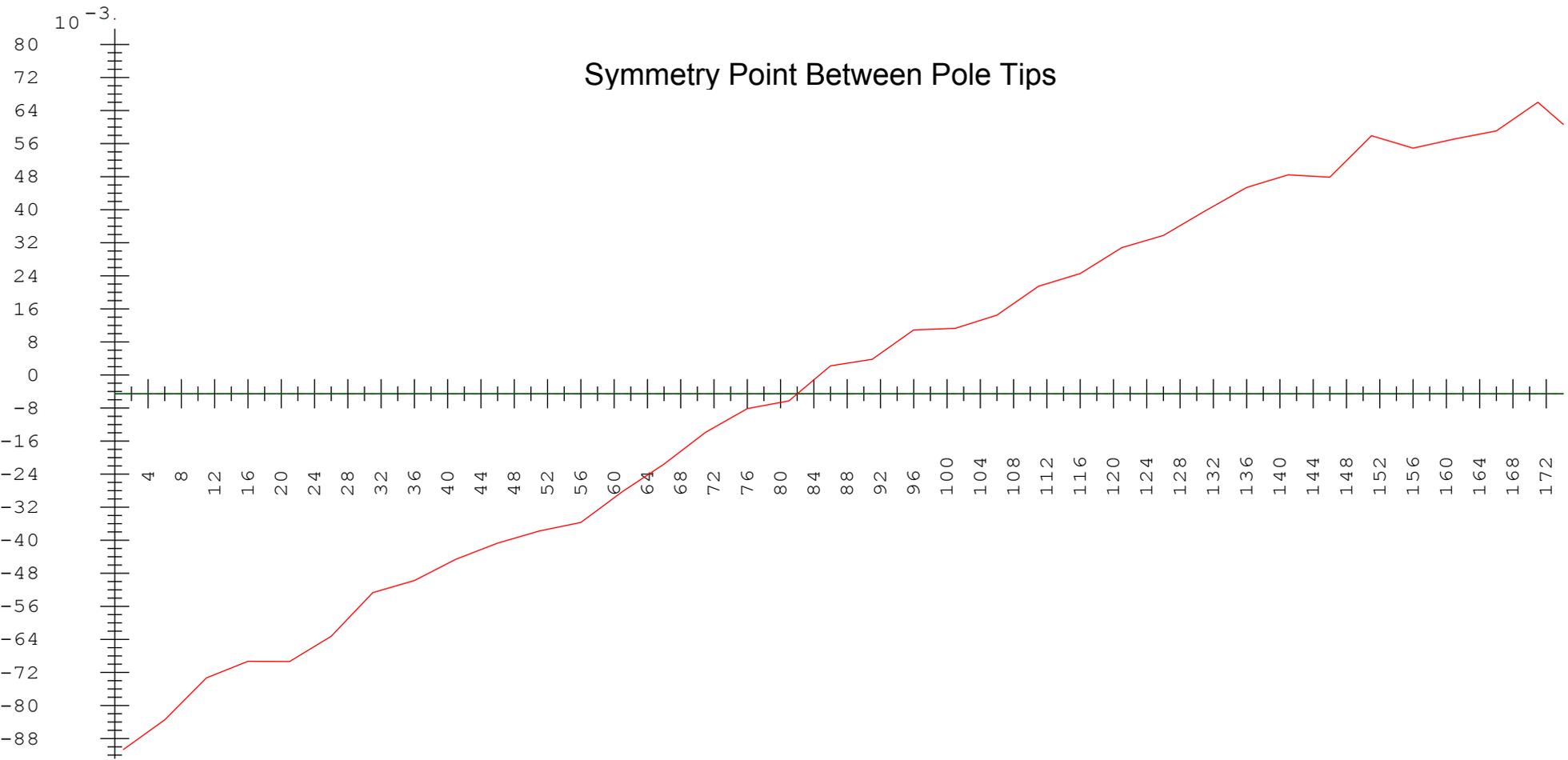
Dimensions in mm



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Mean Symmetry Value = -0.0045

Step Between Measured Pole Tips = 5

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	6.8674	6.9066	7.0055	7.0456
Bottom	-7.0312	-7.0016	-6.9266	-6.8962
Gap	13.8987			13.9418
Taper				0.0432

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.9555	-6.9646	13.9201	-0.0045

Additional Calculated Values

Bottom Pole #1 Z Value	980.047
Top Jaw Pitch (mrad)	0.053
Bottom Jaw Pitch(mrad)	0.040
Minimum Effective Gap	13.741
Reference Block Gap	6.807

Dimensions in mm



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