

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000
 Gap Reading = 11.5000 US Encoder = 11.5000 DS Encoder = 11.5001

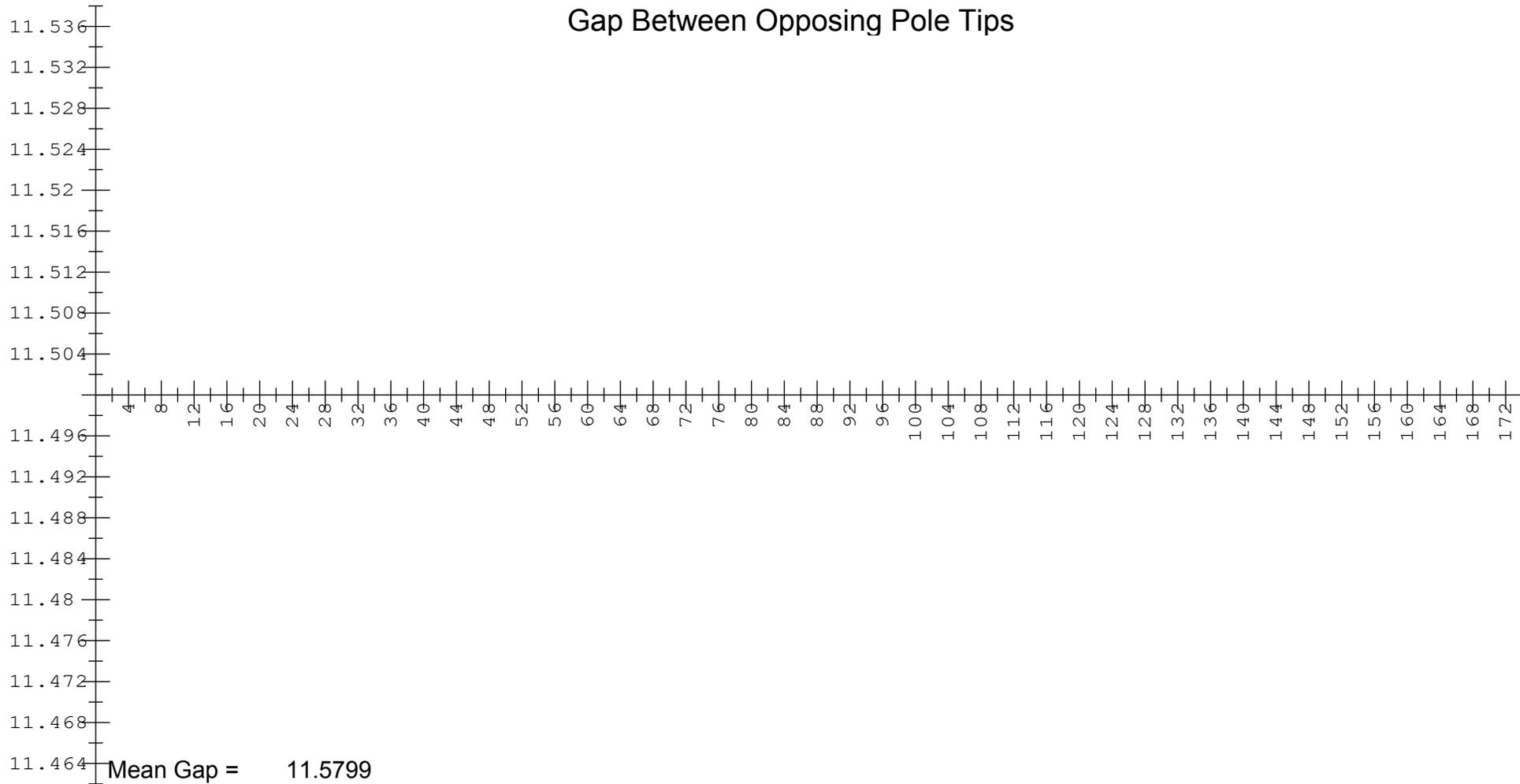
04-APR-2019

S/N = 002

D/S = 0001

Run = 5

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

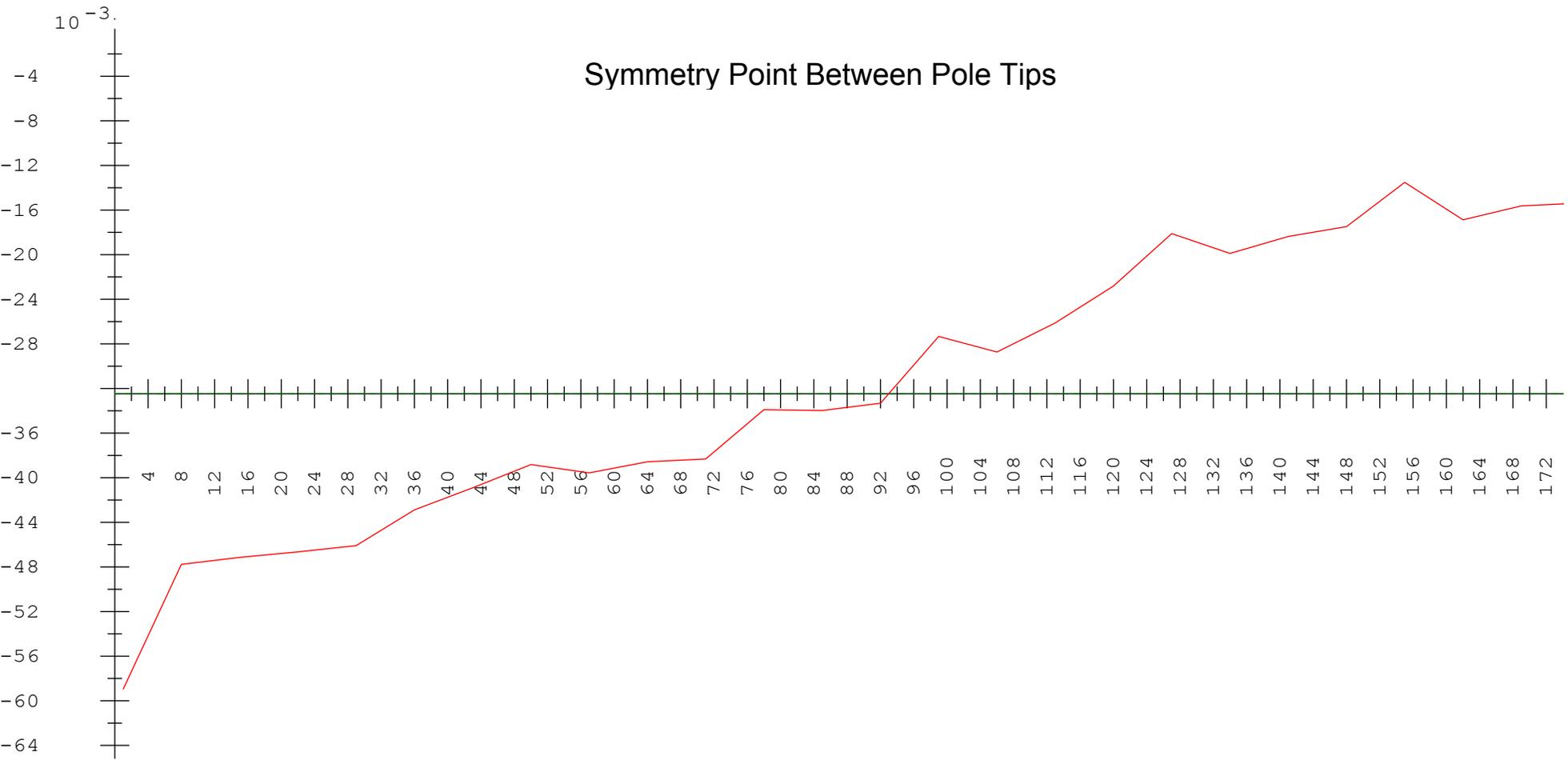
Dimensions in mm



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04-APR-2019
 S/N = 002
 D/S = 0001
 Run = 5



Mean Symmetry Value = -0.0325

Step Between Measured Pole Tips = 7

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	5.7472	5.7519	5.7639	5.7687
Bottom	-5.8515	-5.8385	-5.8058	-5.7925
Gap	11.5987			11.5612
Taper				-0.0374

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.7575	-5.8224	11.5799	-0.0325

Additional Calculated Values

Bottom Pole #1 Z Value	980.303
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	0.017
Minimum Effective Gap	11.521
Reference Block Gap	6.810

Dimensions in mm



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