

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

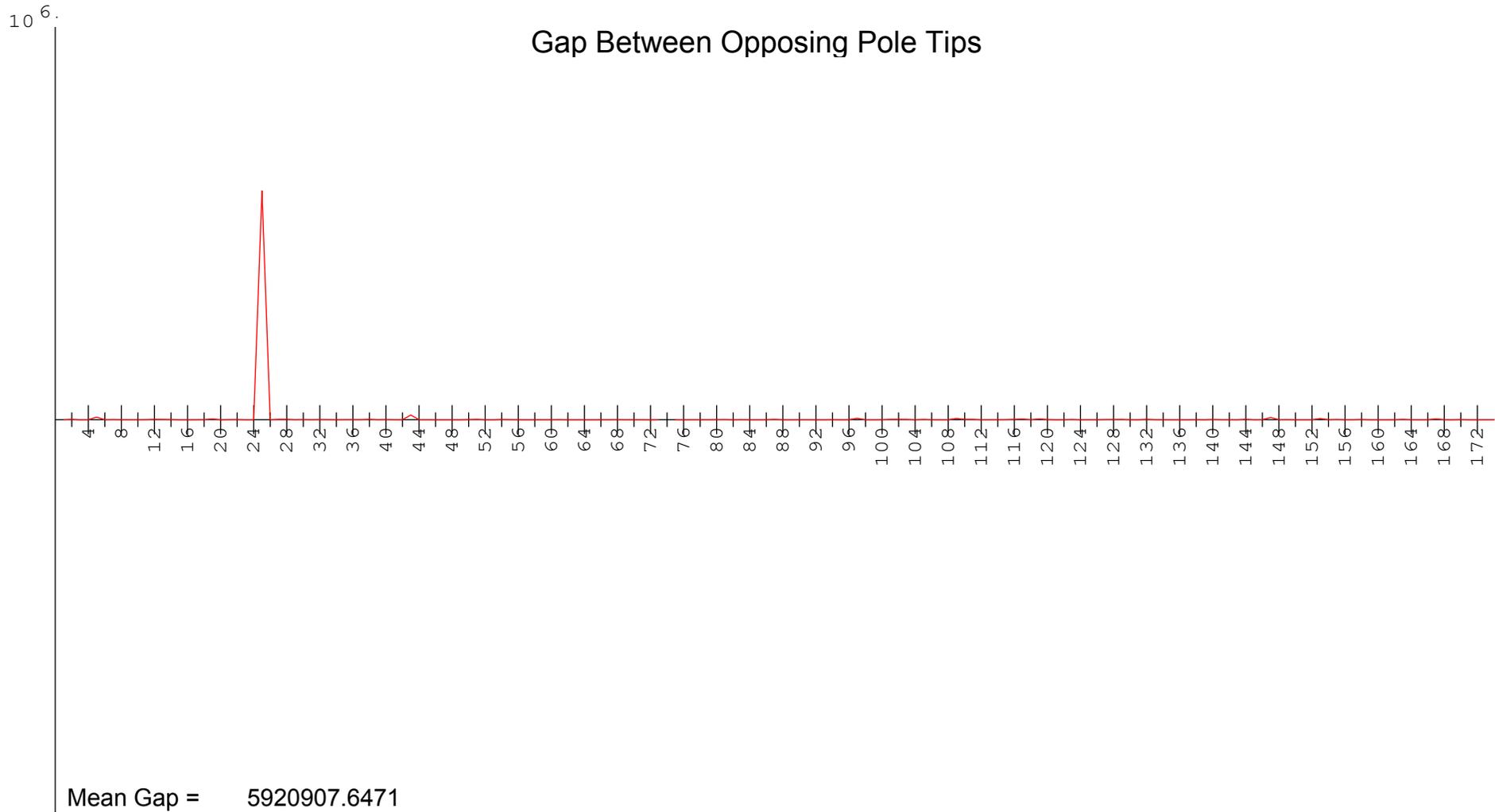
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = -0.100
 Gap Reading = 9.9500 US Encoder = 10.0000 DS Encoder = 9.9000

26-APR-2019
 S/N = 002
 D/S = 0001
 Run = 13



Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

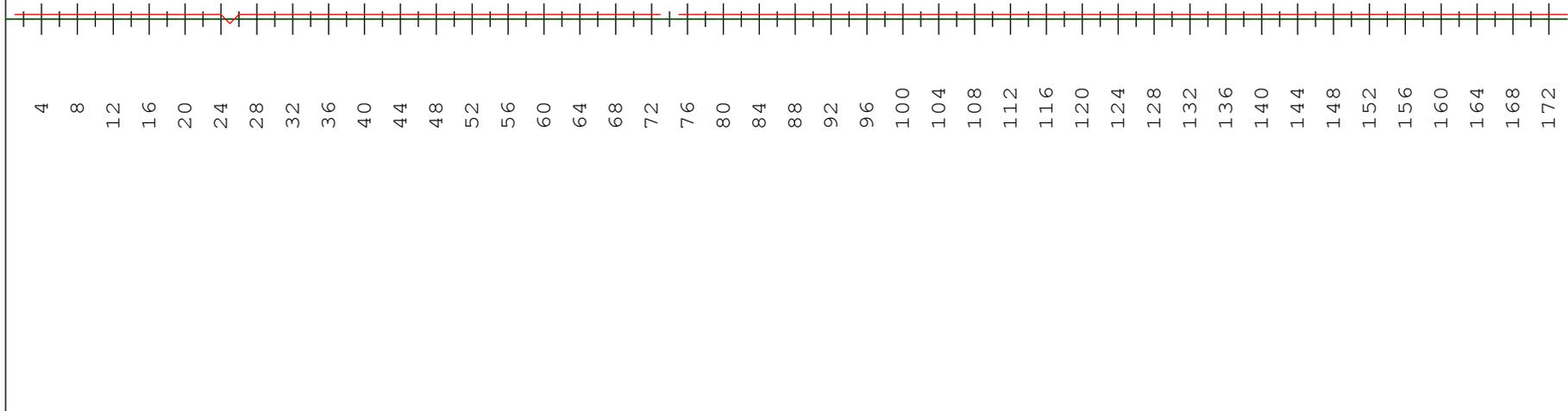
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10⁶.

Symmetry Point Between Pole Tips



Mean Symmetry Value = -2236625.9761

Step Between Measured Pole Tips = 1

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	16625.6044	-6906164.4993	6684139.9569	14295.6158
Bottom	27210122493.6333	-2767909503.5105	2702064561.9618	12367234922.6710
Gap	27210139119.2377			12367249218.2868
Taper				14842889900.9509

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
-40229.4355	-4433022.5166	5920907.6471	-2236625.9761

Additional Calculated Values

Bottom Pole #1 Z Value	980.200
Top Jaw Pitch (mrad)	-3102.292
Bottom Jaw Pitch(mrad)	-1570.792
Minimum Effective Gap	-8873536.205
Reference Block Gap	6.804

Dimensions in mm



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