

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 60

Regression Line Through Points = -----

Dimensions in mm

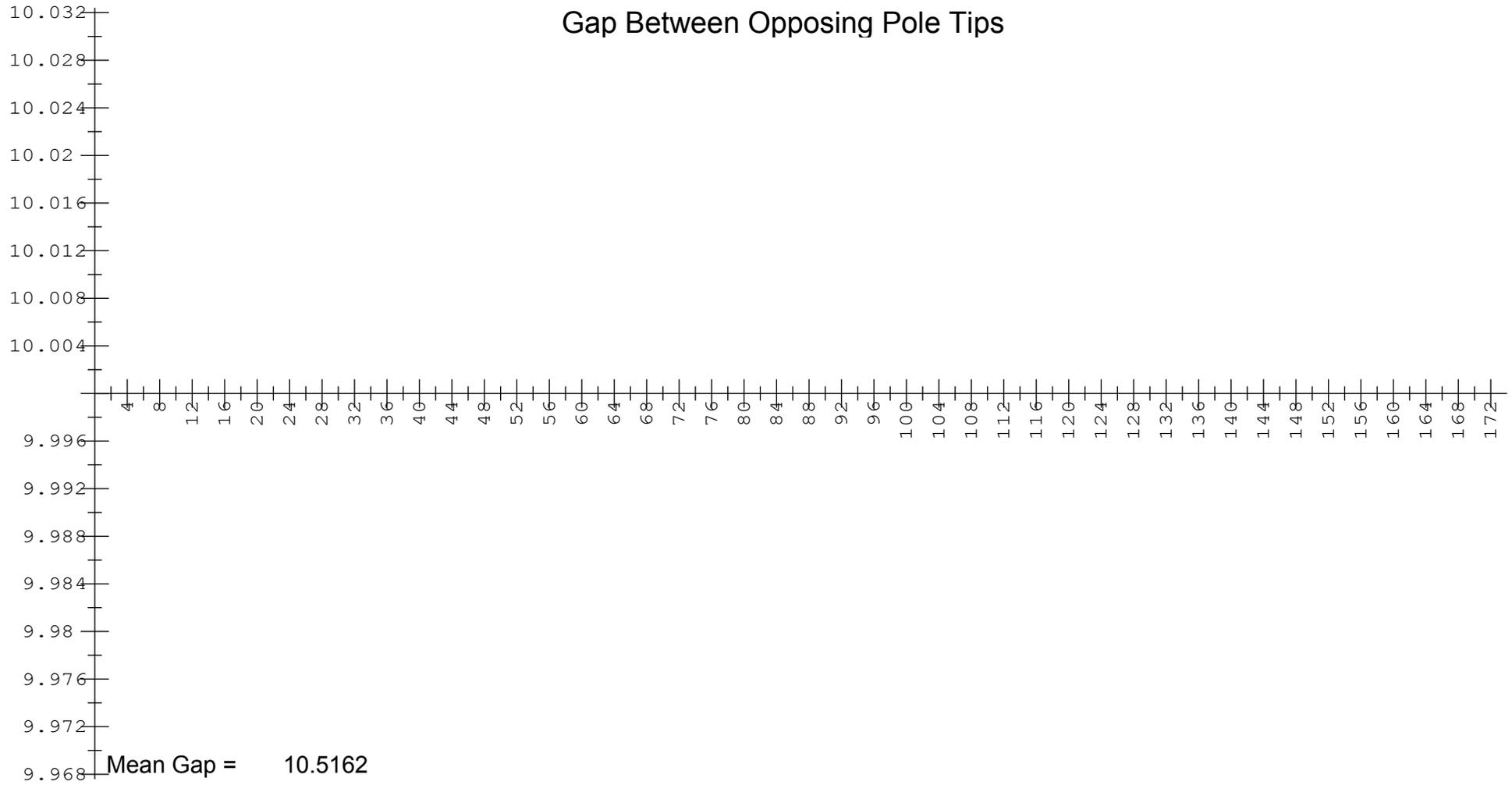


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
 S/N = 001
 D/S = 0007
 Run = 23

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 60

Dimensions in mm

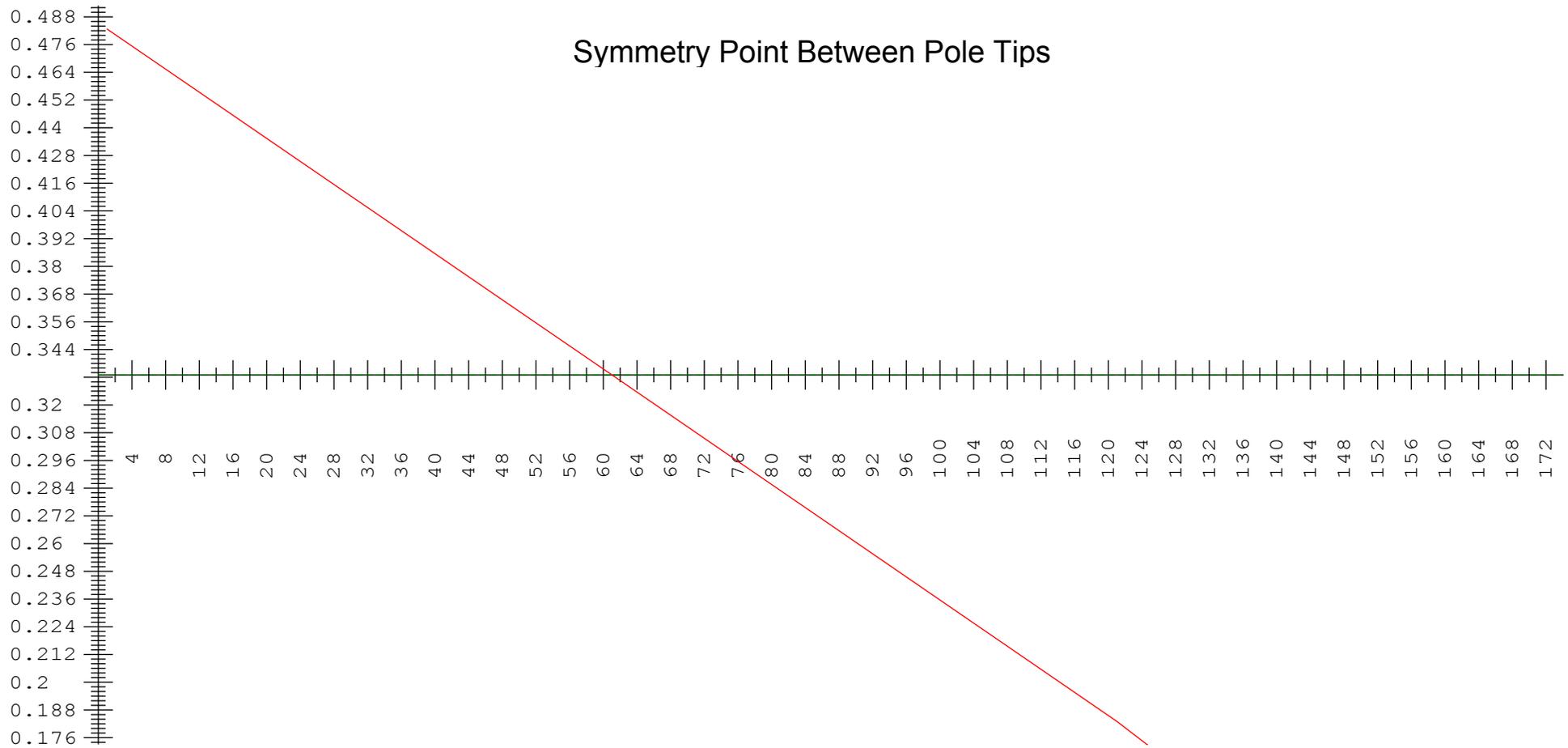


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.3330

Step Between Measured Pole Tips = 60

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	5.7464	5.6472	5.3965	5.2947
Bottom	-4.7745	-4.8711	-5.1154	-5.2146
Gap	10.5208			10.5093
Taper				-0.0115

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.5911	-4.9251	10.5162	0.3330

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	-0.134
Bottom Jaw Pitch(mrad)	-0.130
Minimum Effective Gap	10.062
Reference Block Gap	6.805

Dimensions in mm



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