

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 60

Regression Line Through Points = -----

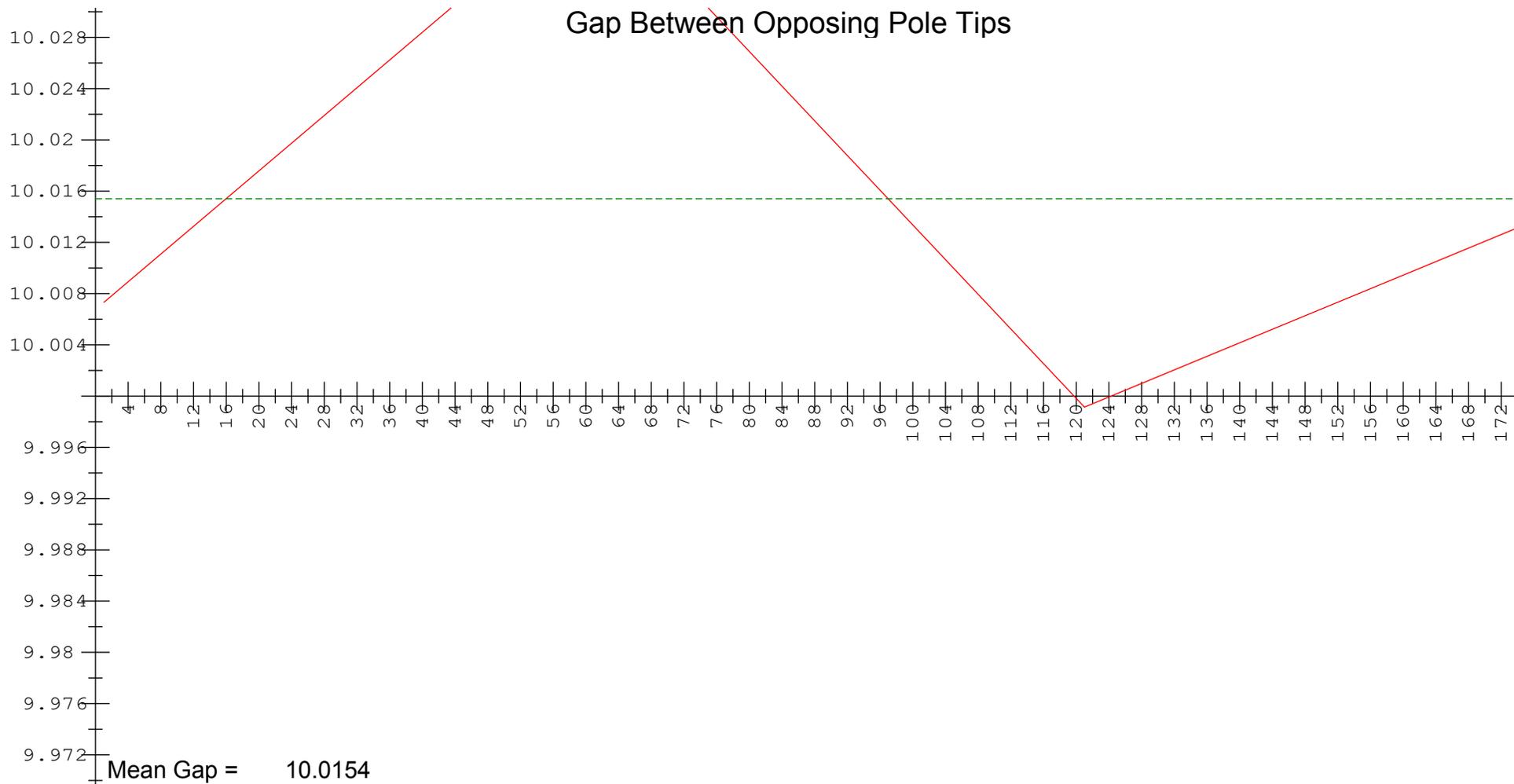
Dimensions in mm



LCLS II - SXR Undulator

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

01-AUG-2019
 S/N = 001
 D/S = 0007
 Run = 30



Step Between Measured Pole Tips = 60

Dimensions in mm

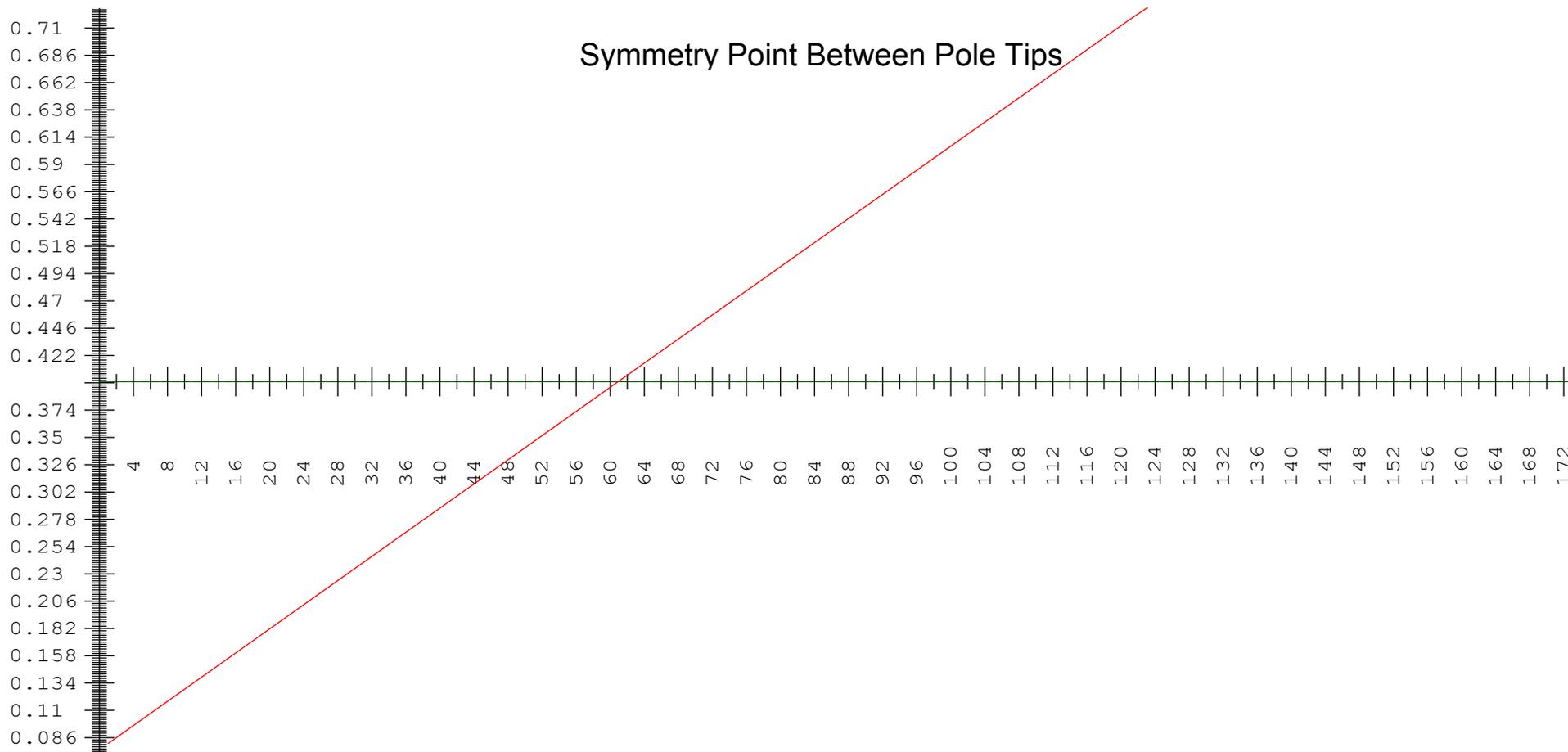


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Mean Symmetry Value = 0.3992

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	5.0931	5.2910	5.7908	5.9938
Bottom	-4.9253	-4.7259	-4.2222	-4.0176
Gap	10.0184			10.0114
Taper				-0.0070

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.4069	-4.6085	10.0154	0.3992

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.267
Bottom Jaw Pitch(mrad)	0.269
Minimum Effective Gap	9.108
Reference Block Gap	6.805

Dimensions in mm



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