

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



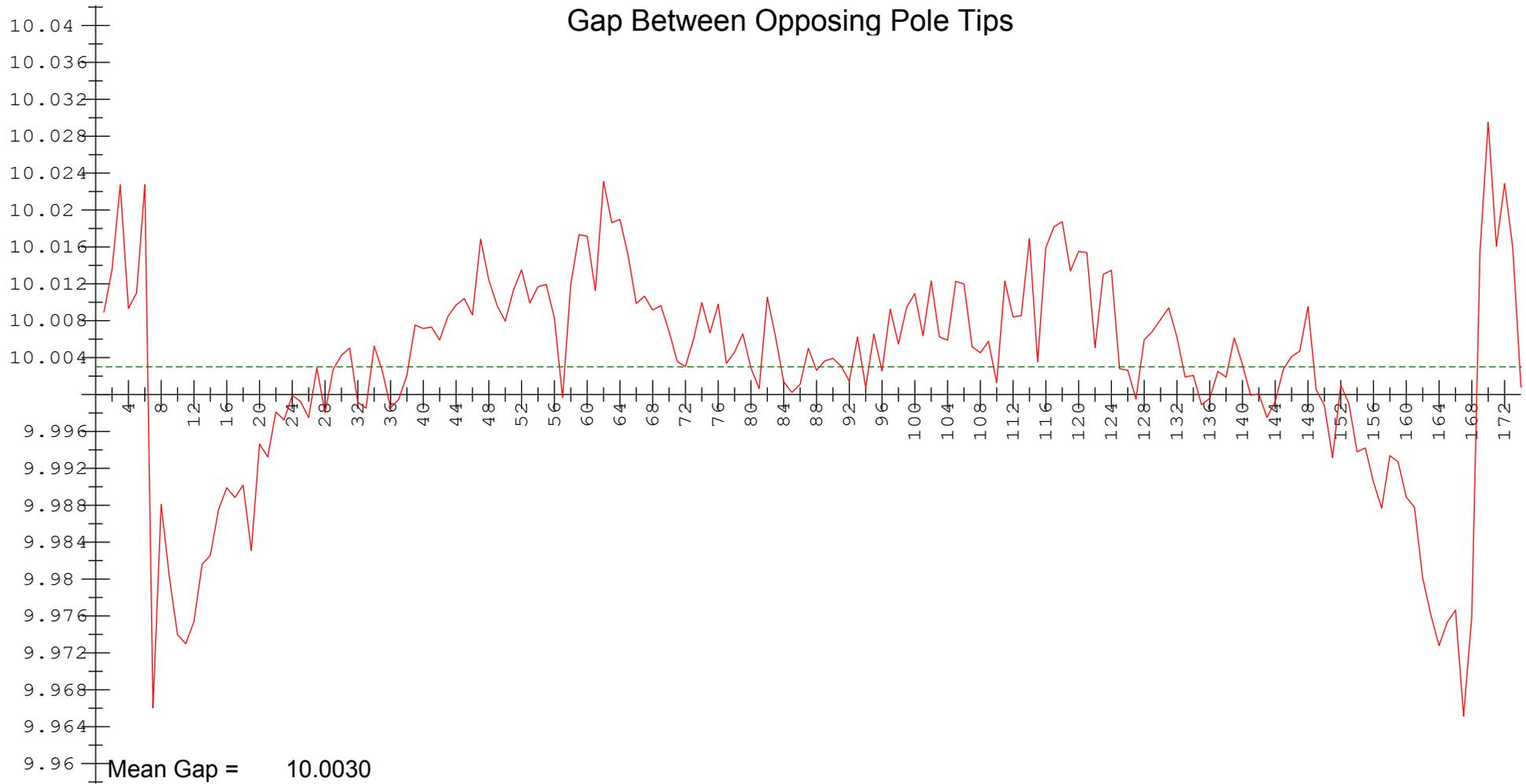
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

02-OCT-2018

S/N = 015
 D/S = 0001
 Run = 7

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

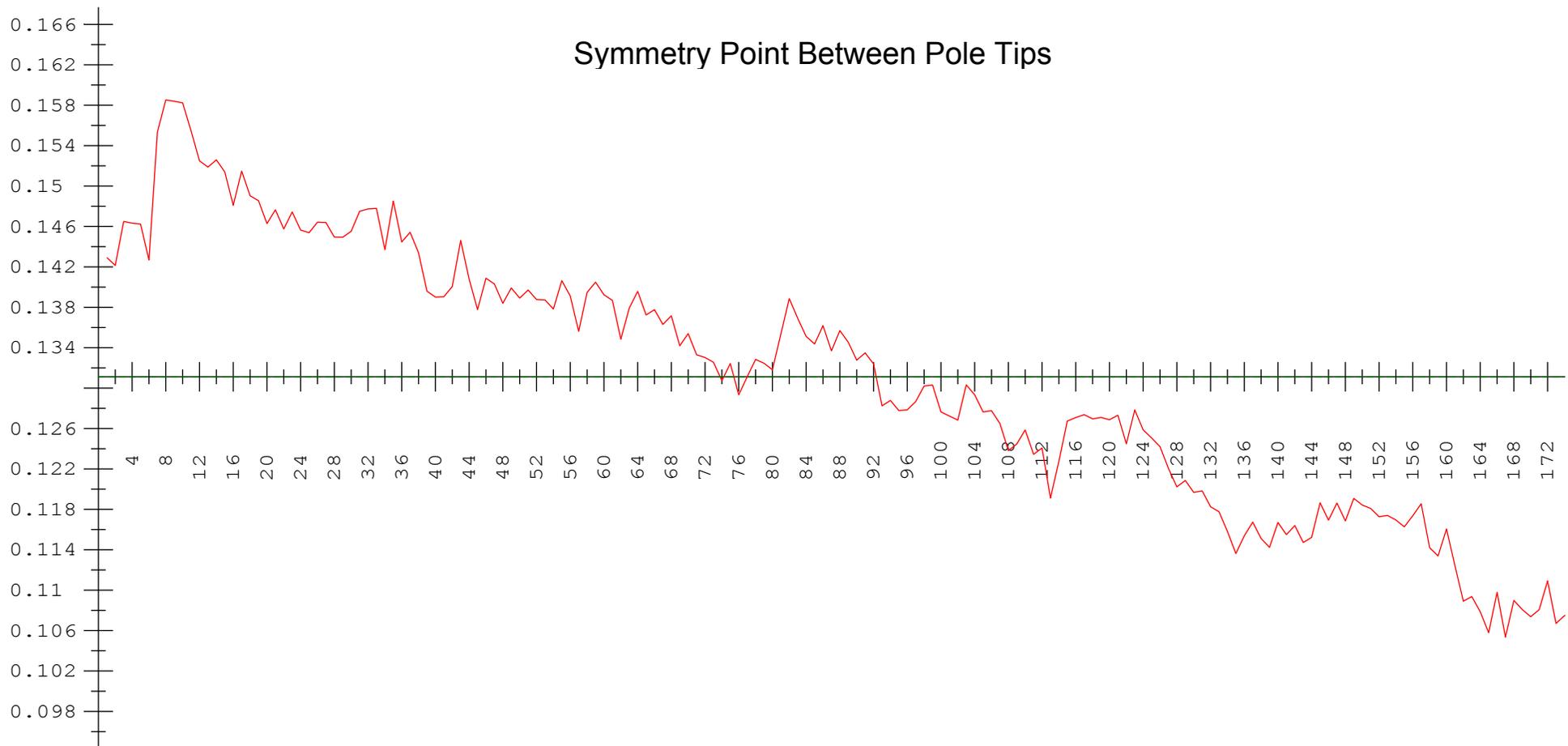
Dimensions in mm



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Mean Symmetry Value = 0.1311

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	5.1543	5.1448	5.1207	5.1109
Bottom	-4.8489	-4.8583	-4.8822	-4.8919
Gap	10.0033			10.0028
Taper				-0.0005

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1326	-4.8704	10.0030	0.1311

Additional Calculated Values

Bottom Pole #1 Z Value	980.409
Top Jaw Pitch (mrad)	-0.013
Bottom Jaw Pitch(mrad)	-0.013
Minimum Effective Gap	9.916
Reference Block Gap	6.807

Dimensions in mm



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