

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm

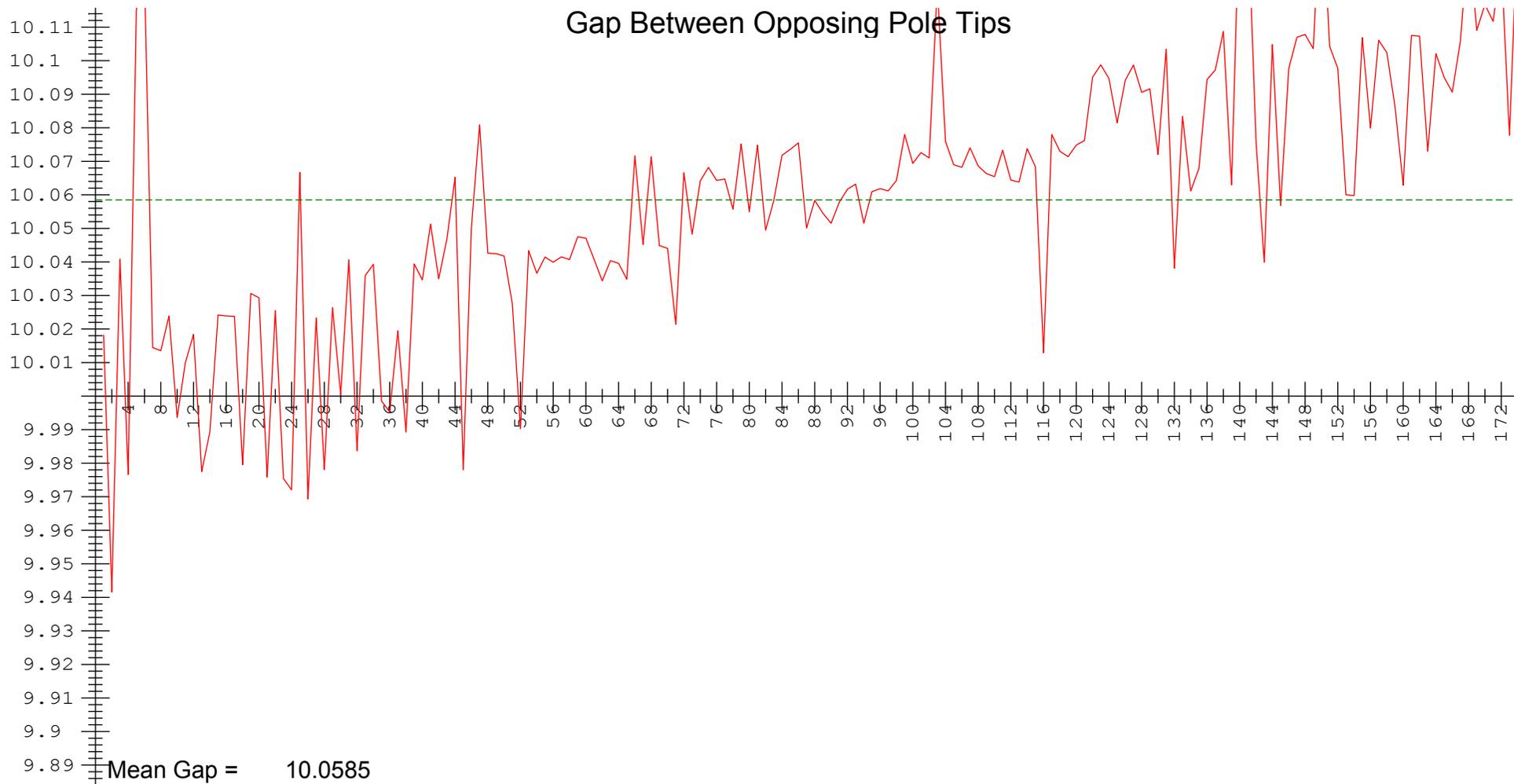


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.100
 Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1001

04-JUN-2018

S/N = 010
 D/S = 0001
 Run = 16



Step Between Measured Pole Tips = 1

Dimensions in mm

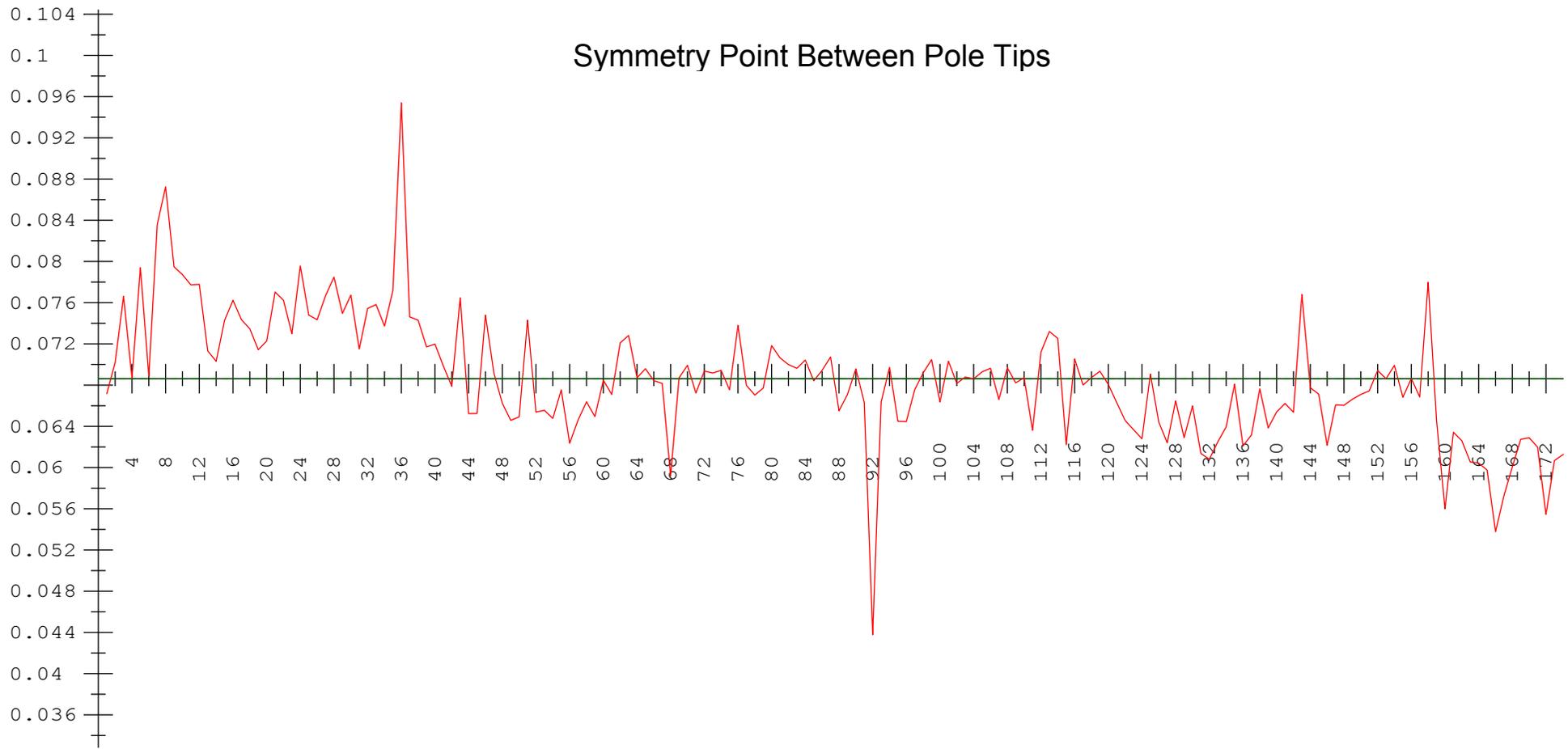


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Mean Symmetry Value = 0.0686

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	5.0783	5.0869	5.1086	5.1174
Bottom	-4.9282	-4.9424	-4.9784	-4.9931
Gap	10.0065			10.1105
Taper				0.1040

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0979	-4.9606	10.0585	0.0686

Additional Calculated Values

Bottom Pole #1 Z Value	979.750
Top Jaw Pitch (mrad)	0.012
Bottom Jaw Pitch(mrad)	-0.019
Minimum Effective Gap	9.942
Reference Block Gap	6.807

Dimensions in mm



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