

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



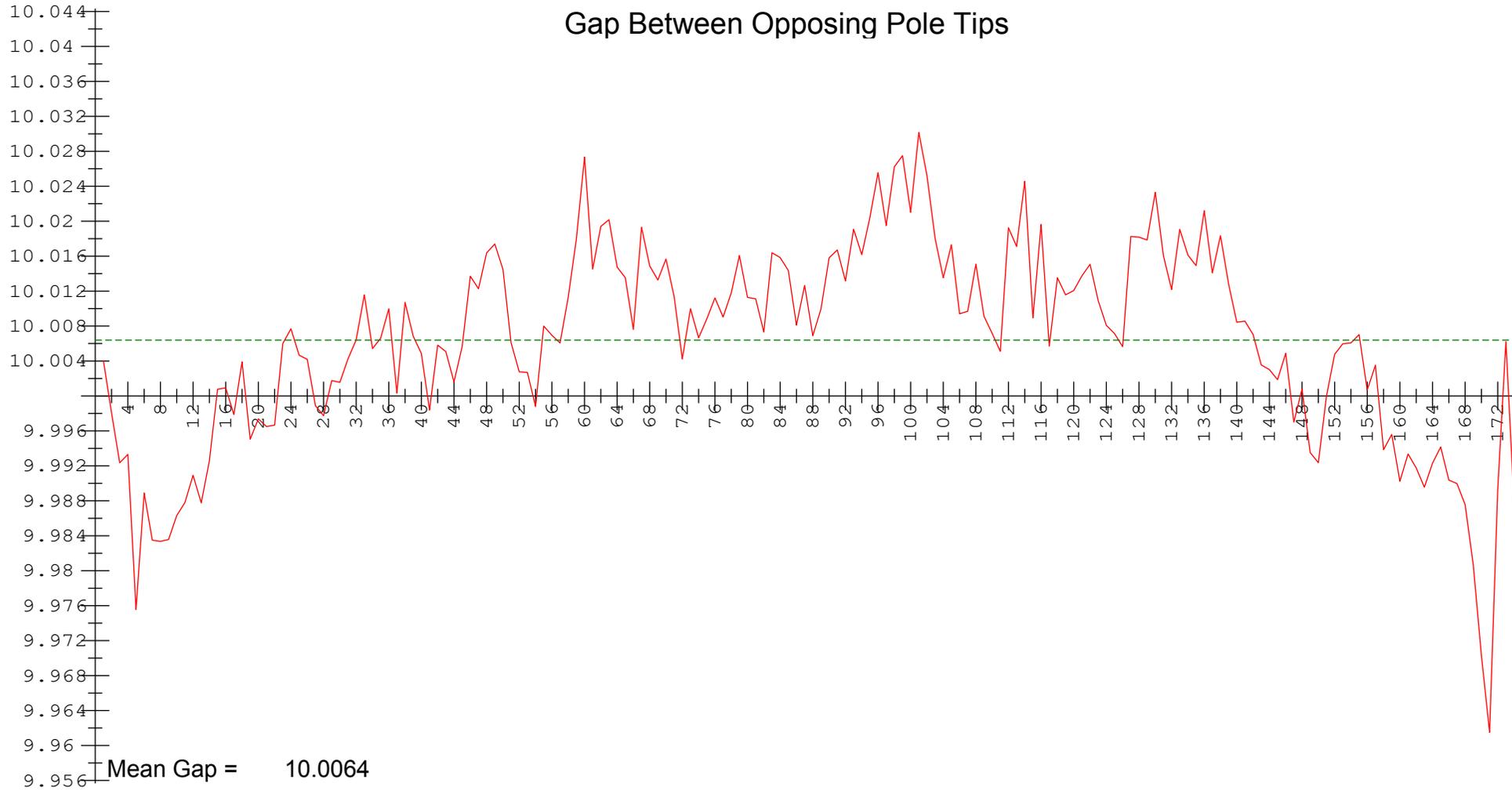
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0001

21-JUN-2018

S/N = 012
 D/S = 0001
 Run = 1

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

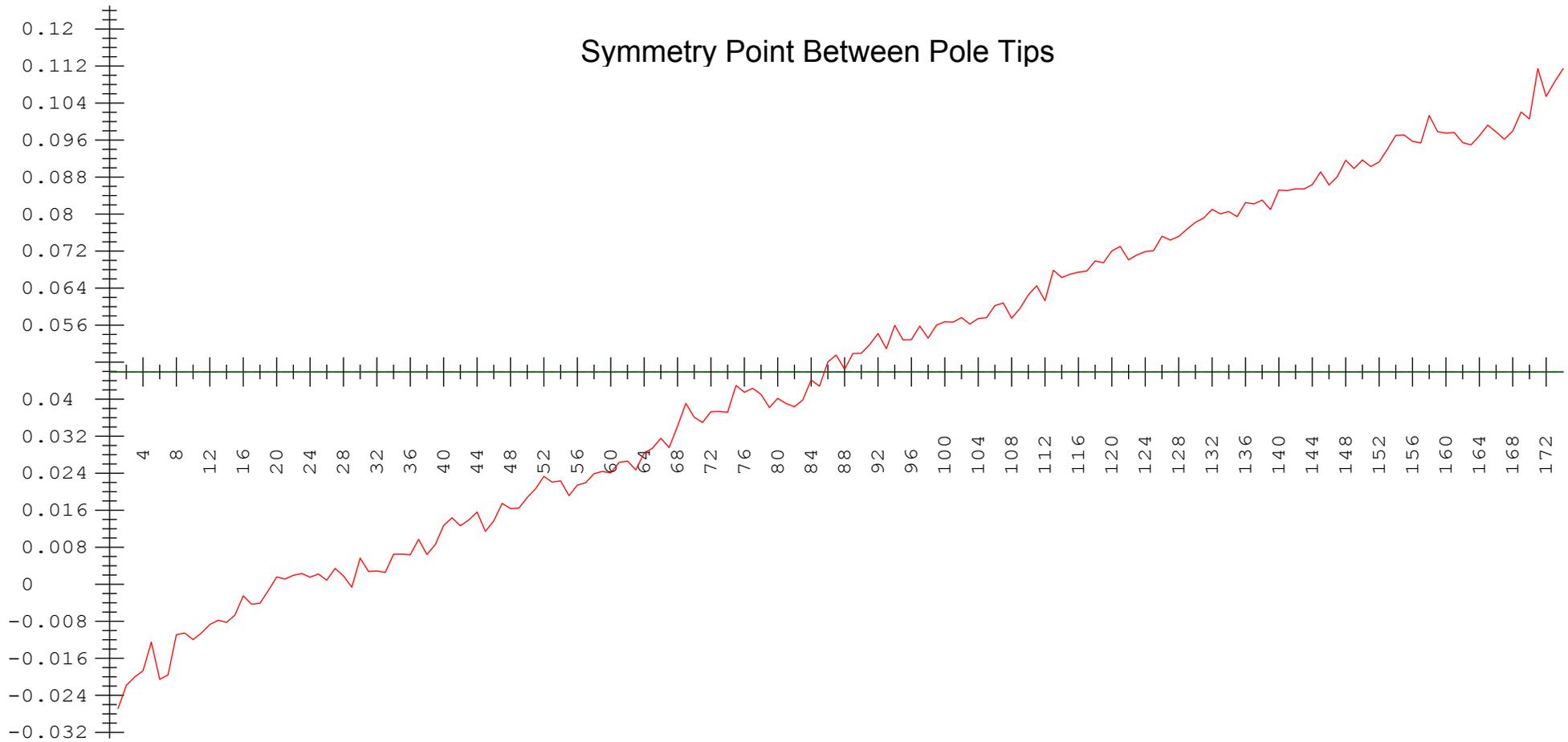


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Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0459

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	4.9858	5.0136	5.0838	5.1124
Bottom	-5.0197	-4.9923	-4.9230	-4.8949
Gap	10.0055			10.0073
Taper				0.0017

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0491	-4.9573	10.0064	0.0459

Additional Calculated Values

Bottom Pole #1 Z Value	979.792
Top Jaw Pitch (mrad)	0.038
Bottom Jaw Pitch(mrad)	0.037
Minimum Effective Gap	9.841
Reference Block Gap	6.808

Dimensions in mm



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