

Minimum Effective Gap = 9.977

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 1

Regression Line Through Points = -----
 Dimensions in mm

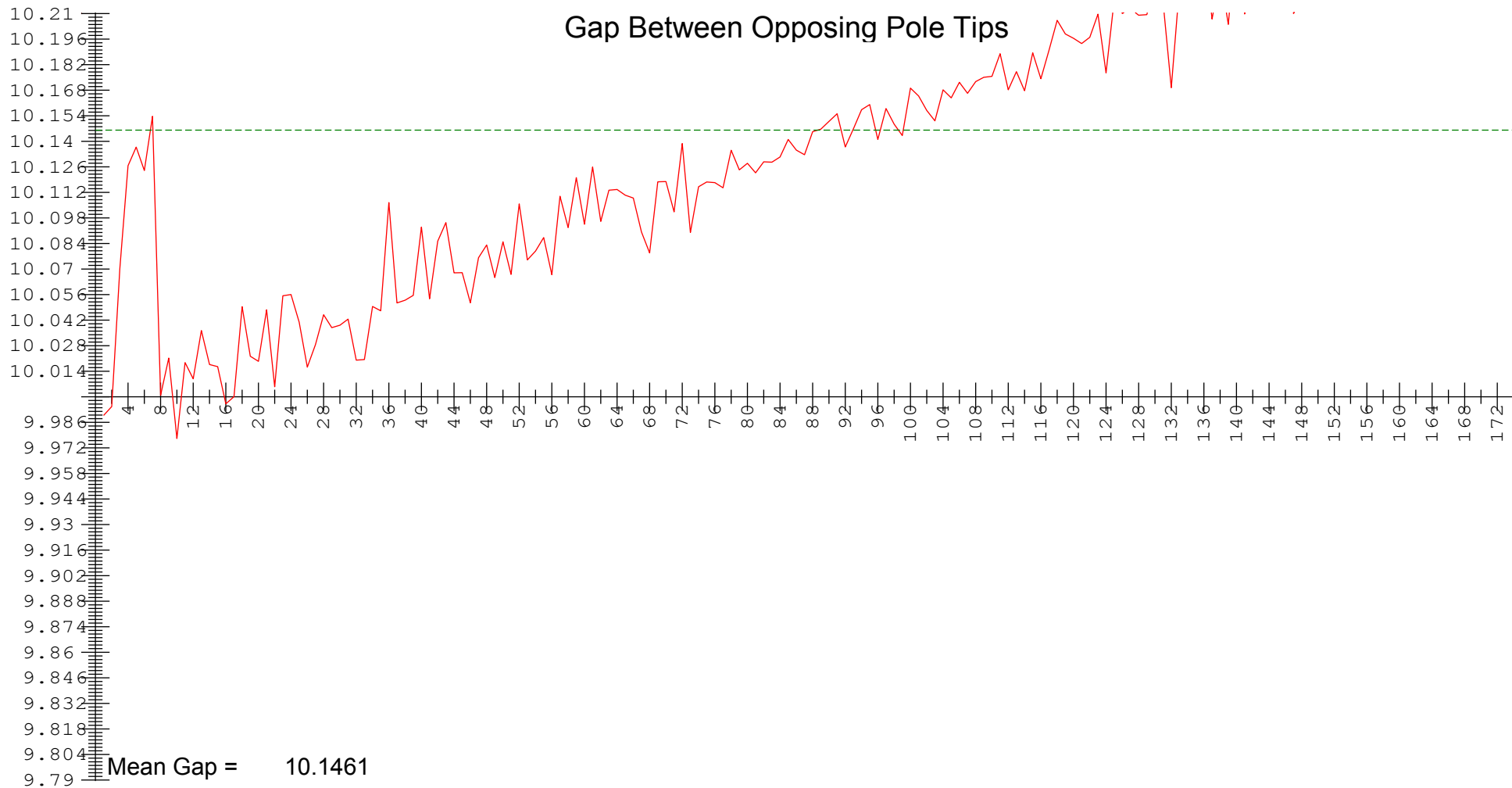


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300

Gap Reading = 10.1501 US Encoder = 10.0001 DS Encoder = 10.3000

06-FEB-2019
 S/N = 019
 D/S = 0001
 Run = 10



Step Between Measured Pole Tips = 1

Dimensions in mm

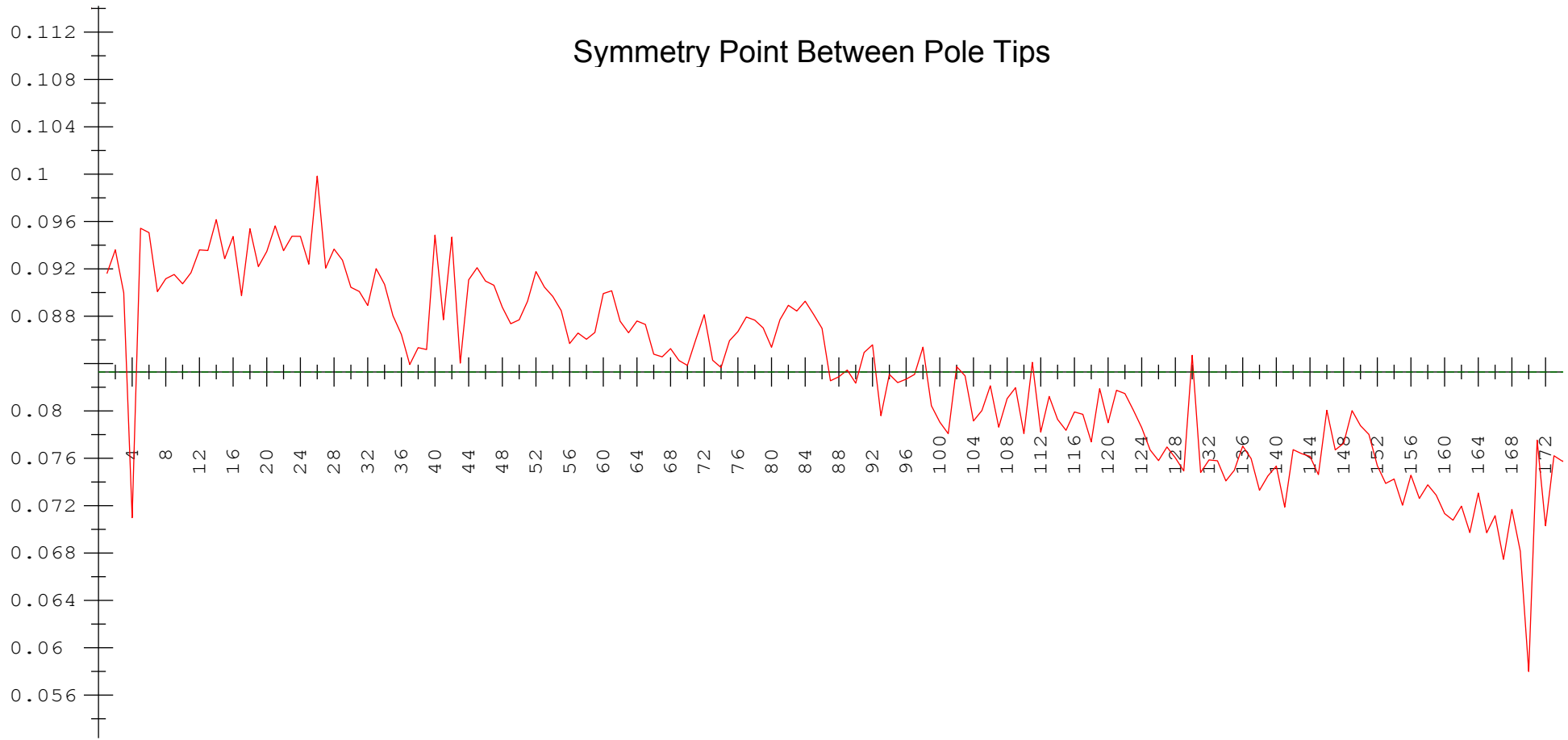


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1501 US Encoder = 10.0001 DS Encoder = 10.3000

06-FEB-2019
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 Run = 10

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0833

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

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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	5.0971	5.1231	5.1889	5.2156
Bottom	-4.9073	-4.9435	-5.0351	-5.0723
Gap	10.0043			10.2879
Taper				0.2836

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1564	-4.9898	10.1461	0.0833

Additional Calculated Values

Bottom Pole #1 Z Value	980.242
Top Jaw Pitch (mrad)	0.035
Bottom Jaw Pitch(mrad)	-0.049
Minimum Effective Gap	9.977
Reference Block Gap	6.809

Dimensions in mm



LCLS II - SXR Undulator

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