

Minimum Effective Gap = 9.967

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 10

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



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

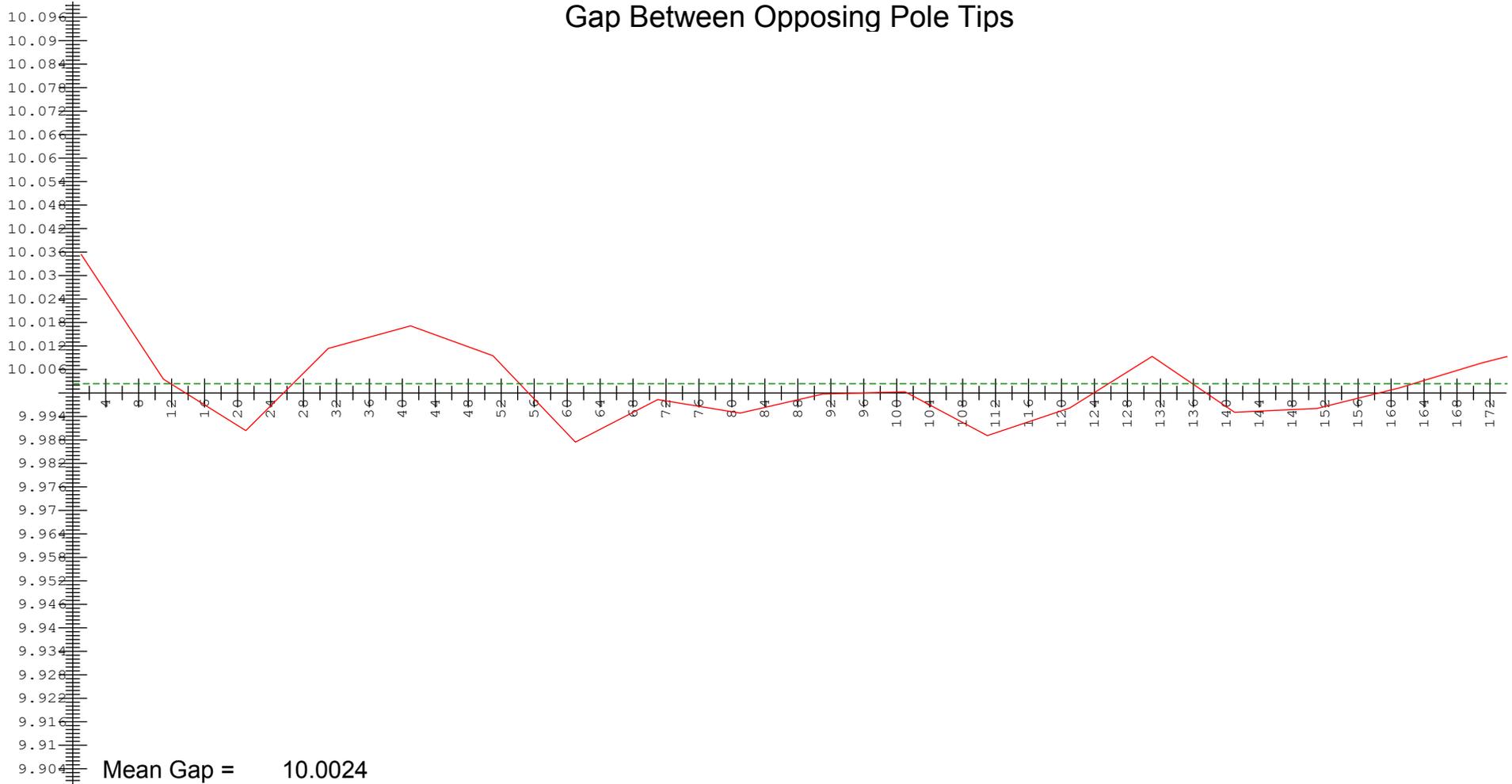
12-DEC-2017

S/N = 006

D/S = 0001

Run = 06

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

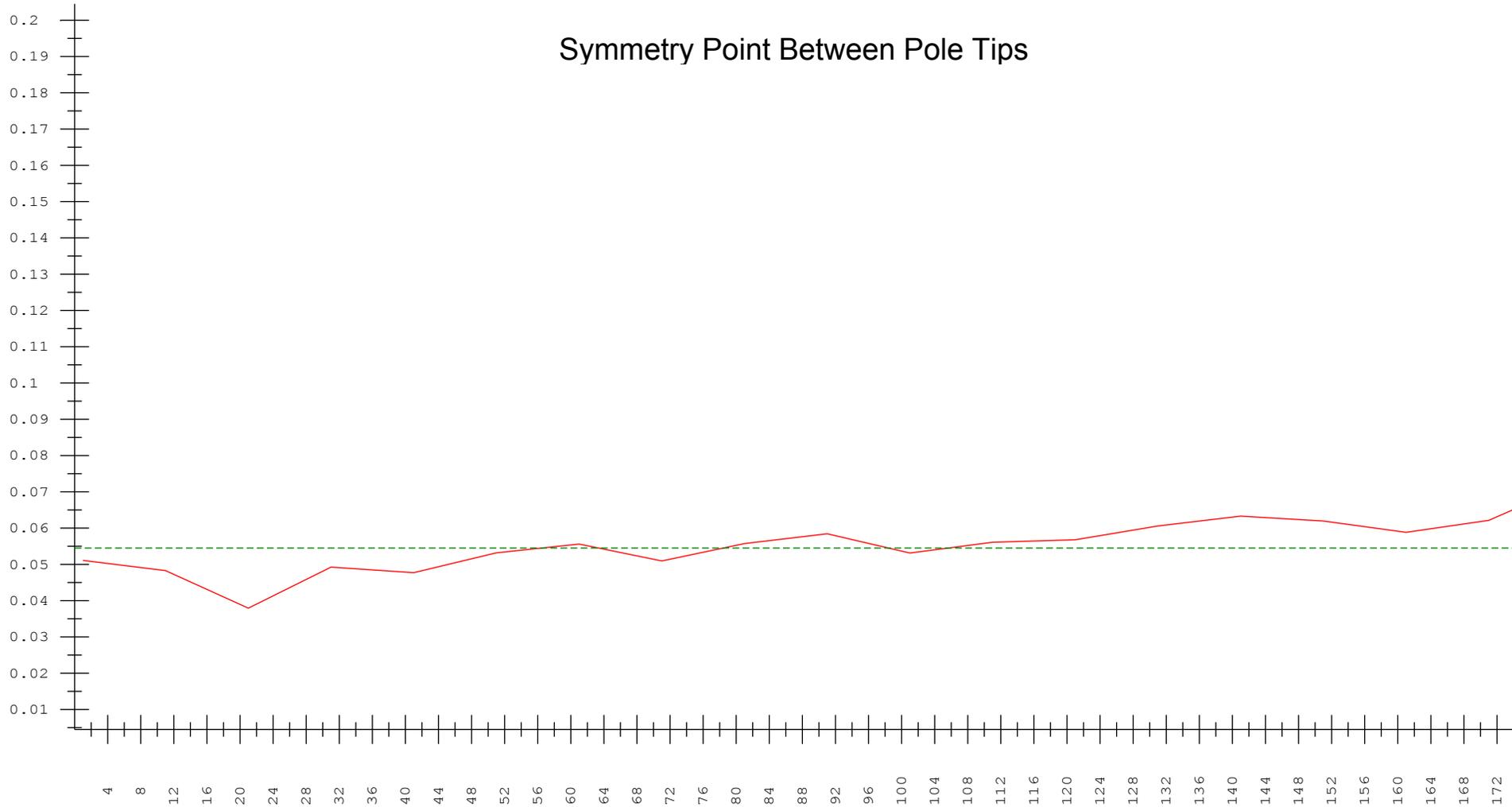
12-DEC-2017

S/N = 006

D/S = 0001

Run = 06

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0545

Step Between Measured Pole Tips = 10

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

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12-DEC-2017

S/N = 006

D/S = 0001

Run = 06

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	5.0498	5.0526	5.0597	5.0626
Bottom	-4.9581	-4.9531	-4.9405	-4.9354

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0557	-4.9467	10.0024	0.0545

Additional Calculated Values

Bottom Pole #1 Z Value	979.309
Top Jaw Pitch (mrad)	0.004
Bottom Jaw Pitch(mrad)	0.007
Minimum Effective Gap	9.967
Reference Block Gap	6.808

Dimensions in mm



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