Top Jaw Pole Tips

10^{-3}

Y Dev. from Mean

Mean TOP =   5.0362   Regression Line Ang. (mrad) =   0.0000

Pole Tip Num. ---->

Bottom Jaw Pole Tips

Minimum Effective Gap =   9.977

10^{-3}

Y Dev. from Mean

Mean BTM =   -4.9698   Regression Line Ang. (mrad) =   -0.0029

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

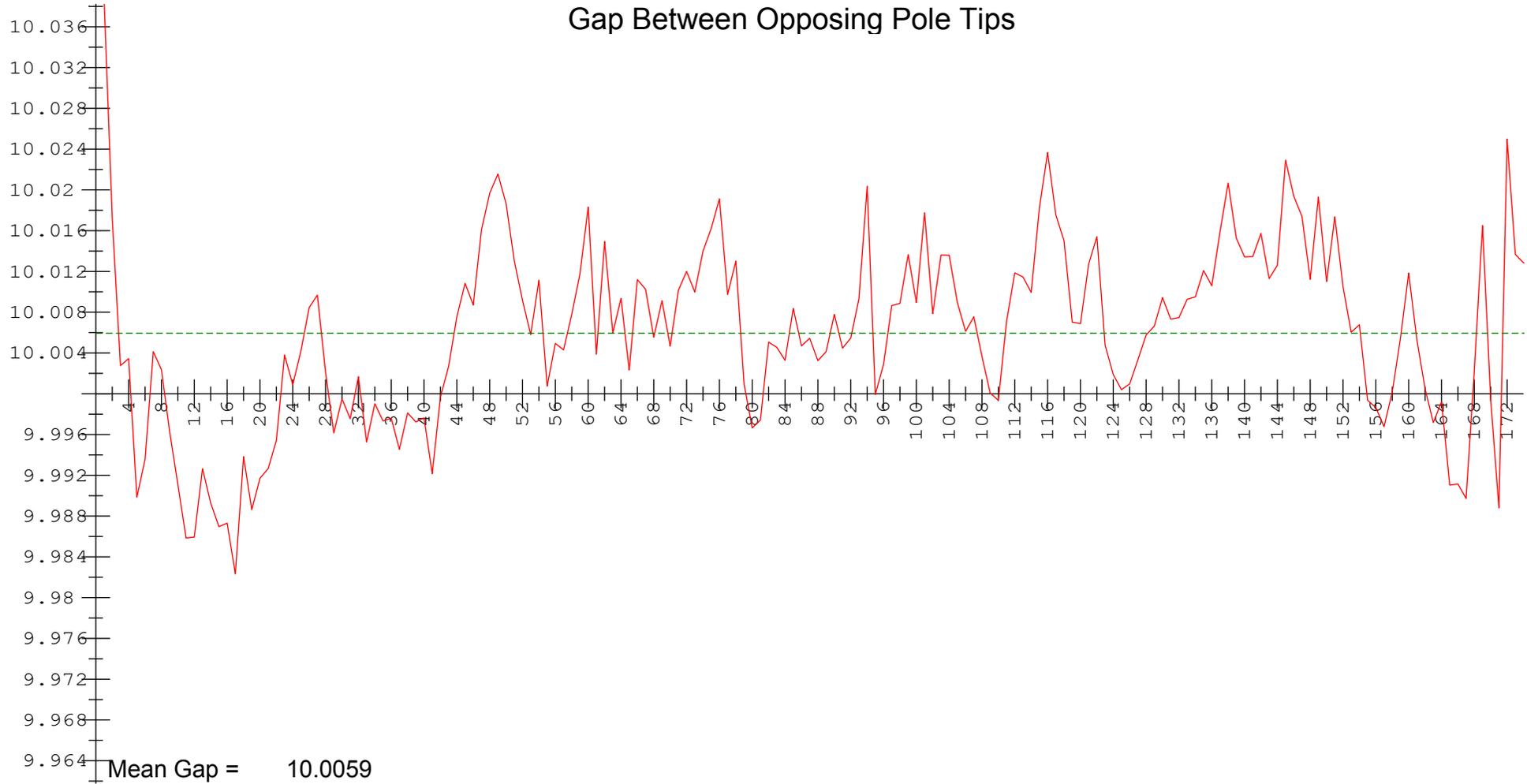Regression Line Through Points =
Dimensions in mm

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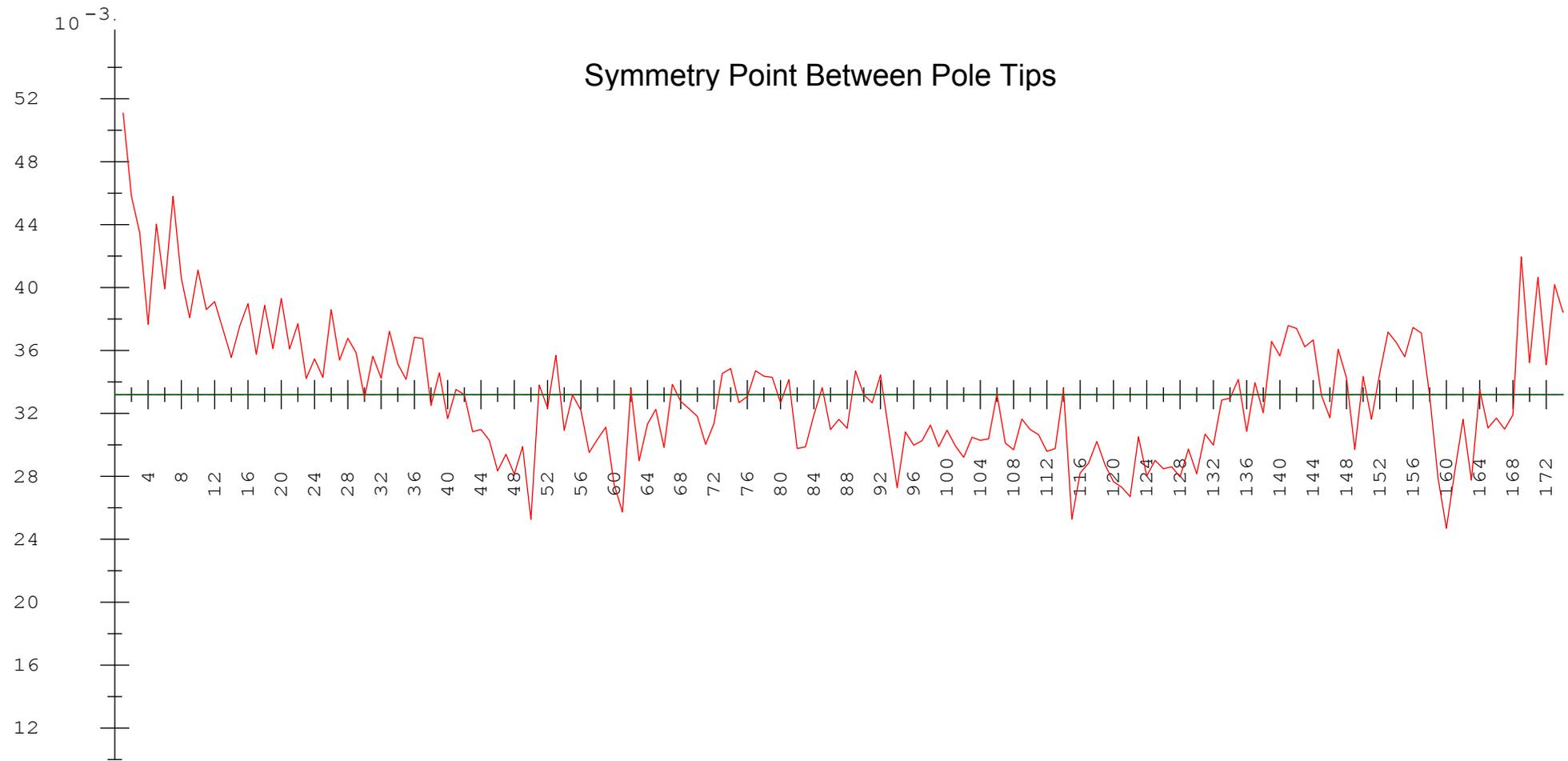
LCLS II - SXR Undulator
Nominal Gap = 10   Nominal Taper = 0.000
Gap Reading = 10.0000   US Encoder = 10.0000   DS Encoder = 10.0000

06-JUN-2018
S/N =   011
D/S=   0001
Run=   2

Gap Between Opposing Pole Tips

Mean Gap = 10.0059

Step Between Measured Pole Tips = 1

Dimensions in mm

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LCLS II - SXR Undulator
Nominal Gap = 10   Nominal Taper = 0.000
Gap Reading = 10.0000   US Encoder = 10.0000   DS Encoder = 10.0000

06-JUN-2018
S/N = 011
D/S = 0001
Run = 2

Symmetry Point Between Pole Tips

Mean Symmetry Value =   0.0332

Step Between Measured Pole Tips =   1

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

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06-JUN-2018
S/N =   011
D/S=   0001
Run=   2

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	5.0362	5.0362	5.0361	5.0361
Bottom	-4.9648	-4.9670	-4.9725	-4.9747
Gap	10.0011			10.0108
Taper				0.0098

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0362	-4.9698	10.0059	0.0332

Additional Calculated Values

Bottom Pole #1 Z Value	979.744
Top Jaw Pitch (mrad)	0.000
Bottom Jaw Pitch(mrad)	-0.003
Minimum Effective Gap	9.977
Reference Block Gap	6.806

Dimensions in mm

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LCLS II - SXR Undulator
Nominal Gap = 10   Nominal Taper = 0.000
Gap Reading = 10.0000   US Encoder = 10.0000   DS Encoder = 10.0000

06-JUN-2018
S/N = 011
D/S= 0001
Run= 2