Top Jaw Pole Tips

Mean TOP = 5.0826   Regression Line Ang. (mrad) = 0.0008

Pole Tip Num. ---->

Bottom Jaw Pole Tips

Minimum Effective Gap = 9.967

Mean BTM = -4.9236   Regression Line Ang. (mrad) = 0.0030
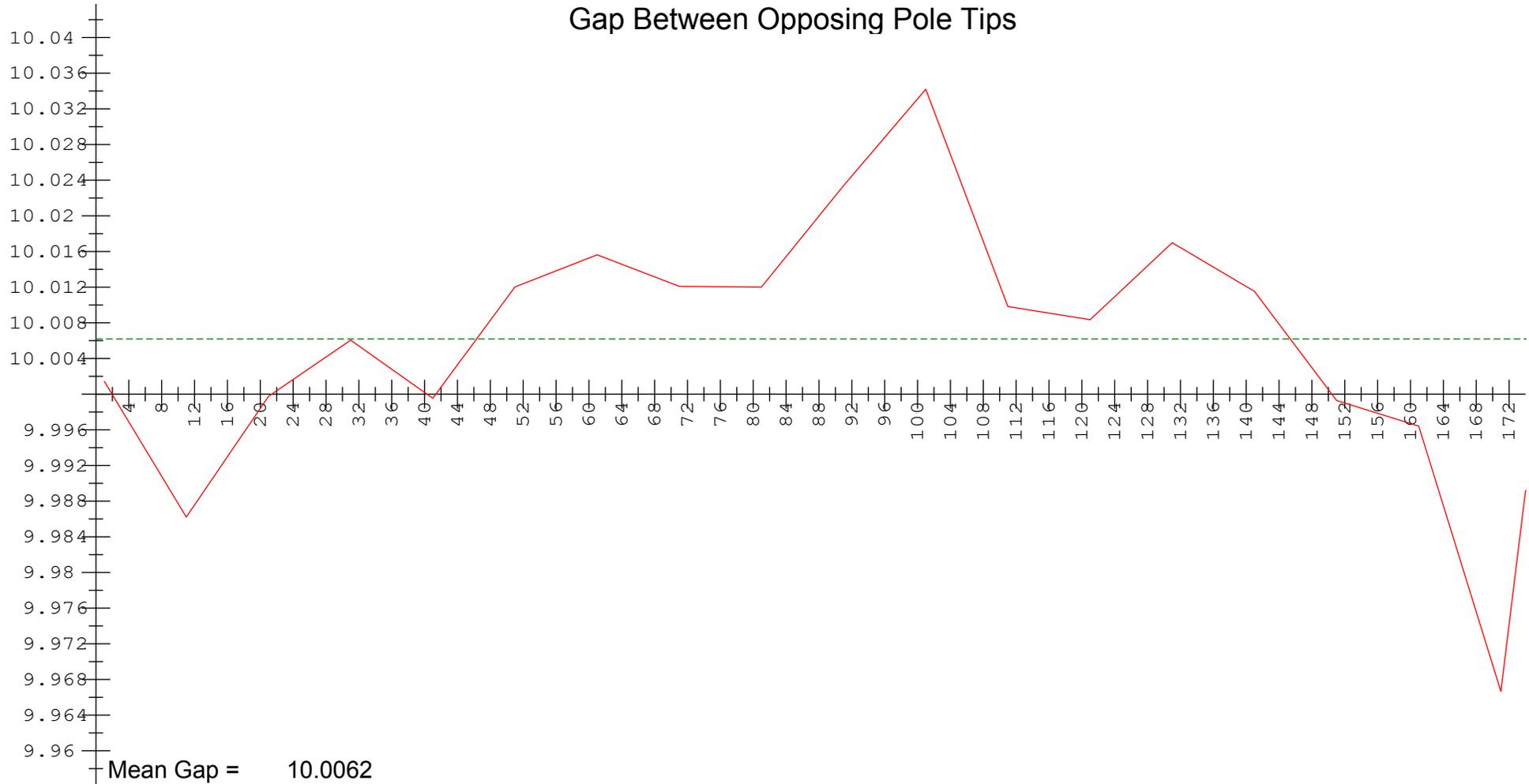
Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 10

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

21-JUN-2018
S/N = 012
D/S = 0001
Run = 2

Gap Between Opposing Pole Tips

Mean Gap =   10.0062

Step Between Measured Pole Tips =   10   Dimensions in mm
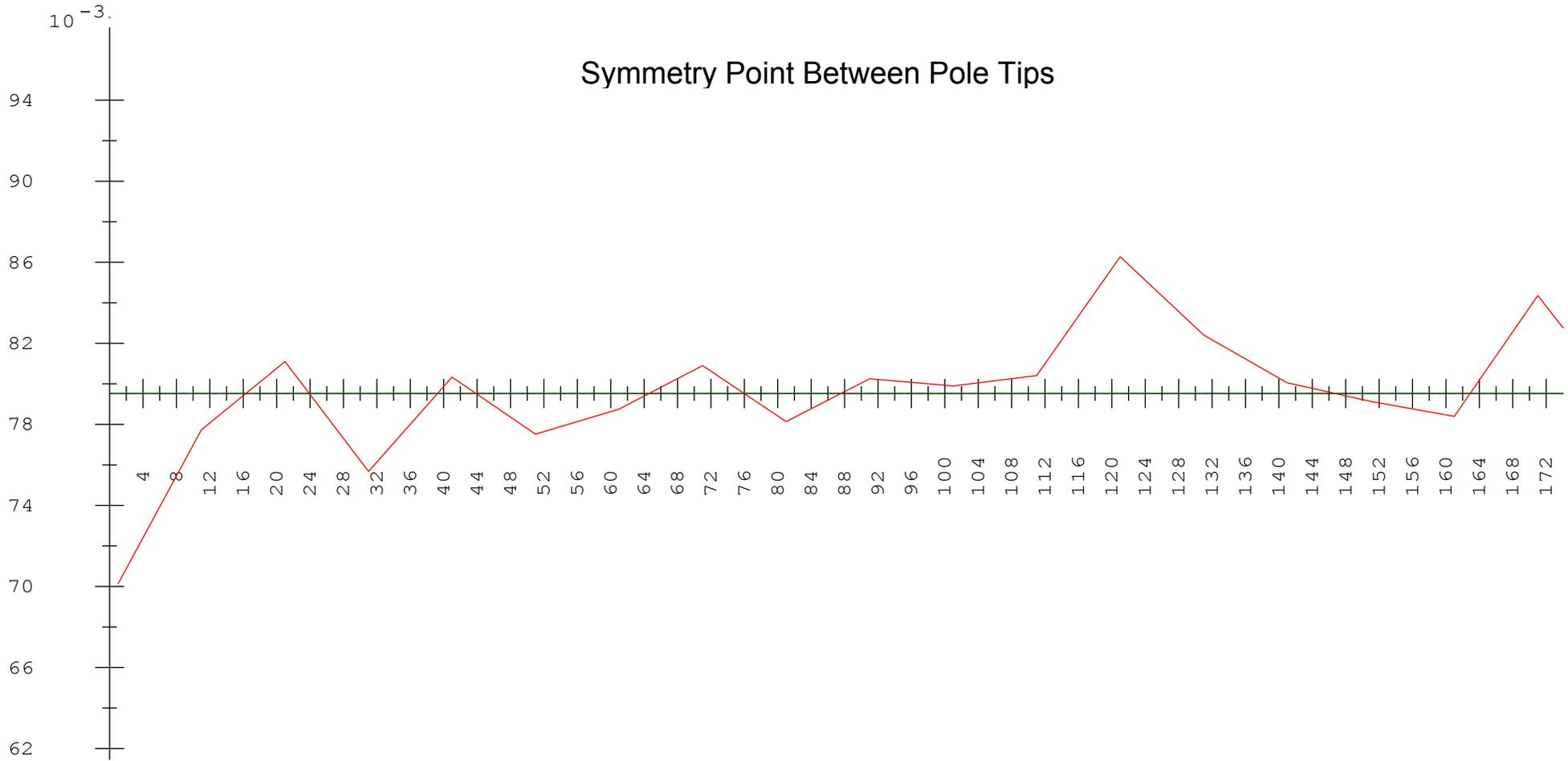
LCLS II - SXR Undulator

Nominal Gap = 10   Nominal Taper = 0.000

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

21-JUN-2018
S/N =   012
D/S=   0001
Run=   2

Symmetry Point Between Pole Tips

Mean Symmetry Value =   0.0795

Step Between Measured Pole Tips =   10

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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S/N =   012
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	5.0810	5.0815	5.0830	5.0836
Bottom	-4.9283	-4.9260	-4.9203	-4.9180
Gap	10.0092			10.0016
Taper				-0.0076

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0826	-4.9236	10.0062	0.0795

Additional Calculated Values

Bottom Pole #1 Z Value	979.792
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.003
Minimum Effective Gap	9.967
Reference Block Gap	6.808

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

21-JUN-2018
S/N = 012
D/S= 0001
Run= 2