Top Jaw Pole Tips

Y Value

Mean TOP =   4.2816

Pole Tip Num. ---->

Bottom Jaw Pole Tips

Y Value

Mean BTM =   -5.7595

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips =   5

Regression Line Through Points =
Dimensions in mm

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LCLS II - SXR Undulator
Nominal Gap = 10
Gap Reading = 10.00000   US Encoder = 10.00000   DS Encoder = 10.00000

25-SEP-2017
S/N =   003
D/S=   0001
Run=   35

Gap Between Pole Tips

Mean Gap =   10.0411
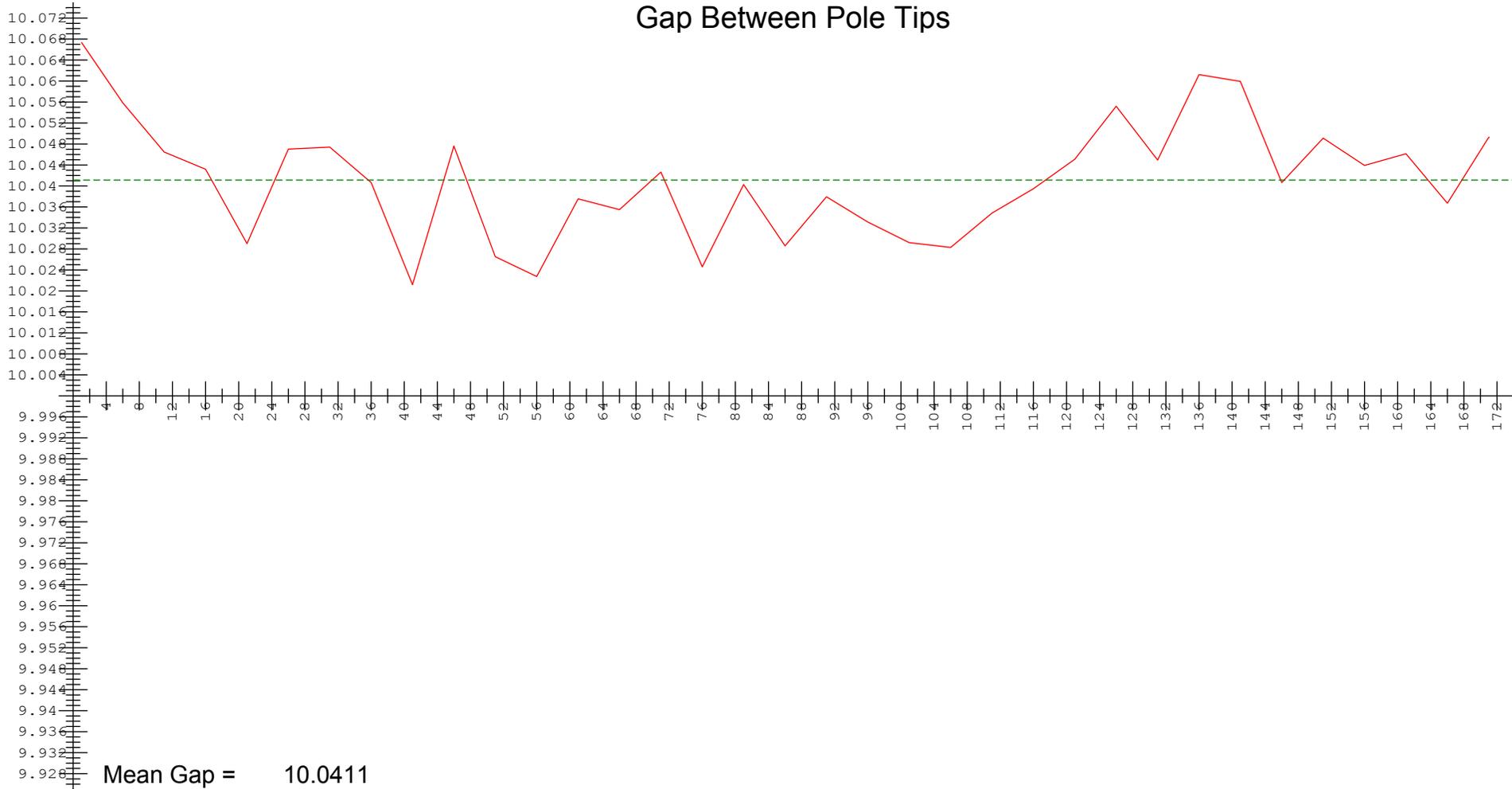
Step Between Measured Pole Tips =   5

Dimensions in mm

LCLS II - SXR Undulator
Nominal Gap = 10
Gap Reading = 10.00000   US Encoder = 10.00000   DS Encoder = 10.00000

SLAC
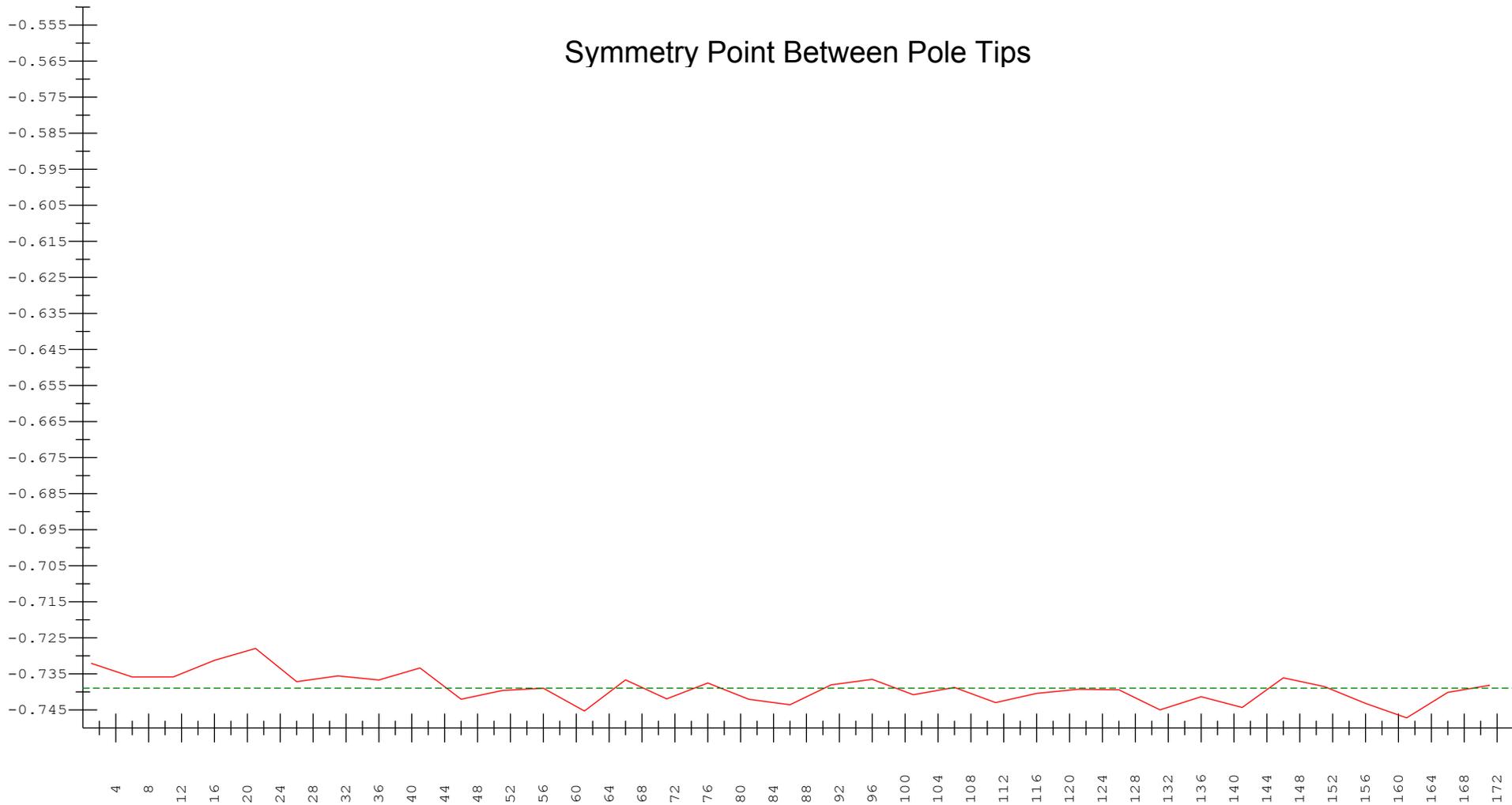NATIONAL ACCELERATOR LABORATORY
METROLOGY

25-SEP-2017
S/N =   003
D/S=   0001
Run=   35

Symmetry Point Between Pole Tips

Mean Symmetry Value =   -0.7390

Step Between Measured Pole Tips =   5

Dimensions in mm

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METROLOGY

LCLS II - SXR Undulator
Nominal Gap = 10
Gap Reading = 10.00000   US Encoder = 10.00000   DS Encoder = 10.00000

25-SEP-2017
S/N =   003
D/S=   0001
Run=   35

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	4.2848	4.2834	4.2797	4.2783
Bottom	-5.7546	-5.7568	-5.7624	-5.7646

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.2816	-5.7595	10.0411	-0.7390

Step Between Measured Pole Tips = 5

Dimensions in mm