Top Jaw Pole Tips

Y Value

Mean TOP =   11.8264

Pole Tip Num. ---->

Bottom Jaw Pole Tips

Y Value

Mean BTM =   -13.1905

Y Value Scales Centered on Mean Values

Regression Line Through Points =

Step Between Measured Pole Tips =   7

Dimensions in mm

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LCLS II - SXR Undulator
Nominal Gap = 25
Gap Reading = 25.00000   US Encoder = 25.00000   DS Encoder = 25.00000

29-SEP-2017
S/N =   003
D/S=   0001
Run=   19

Gap Between Pole Tips

Mean Gap =   25.0169

Step Between Measured Pole Tips =   7

Dimensions in mm

LCLS II - SXR Undulator
Nominal Gap = 25
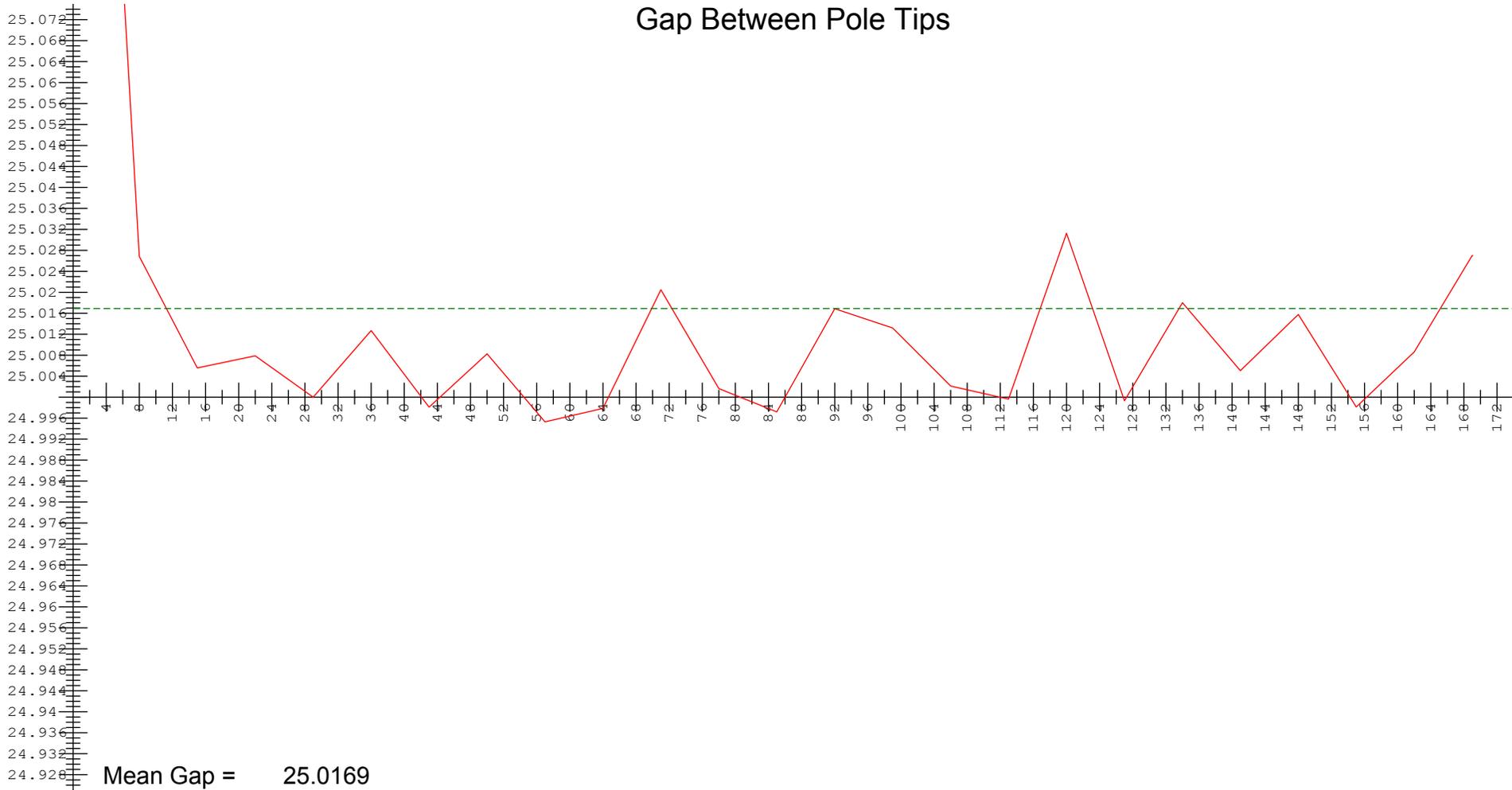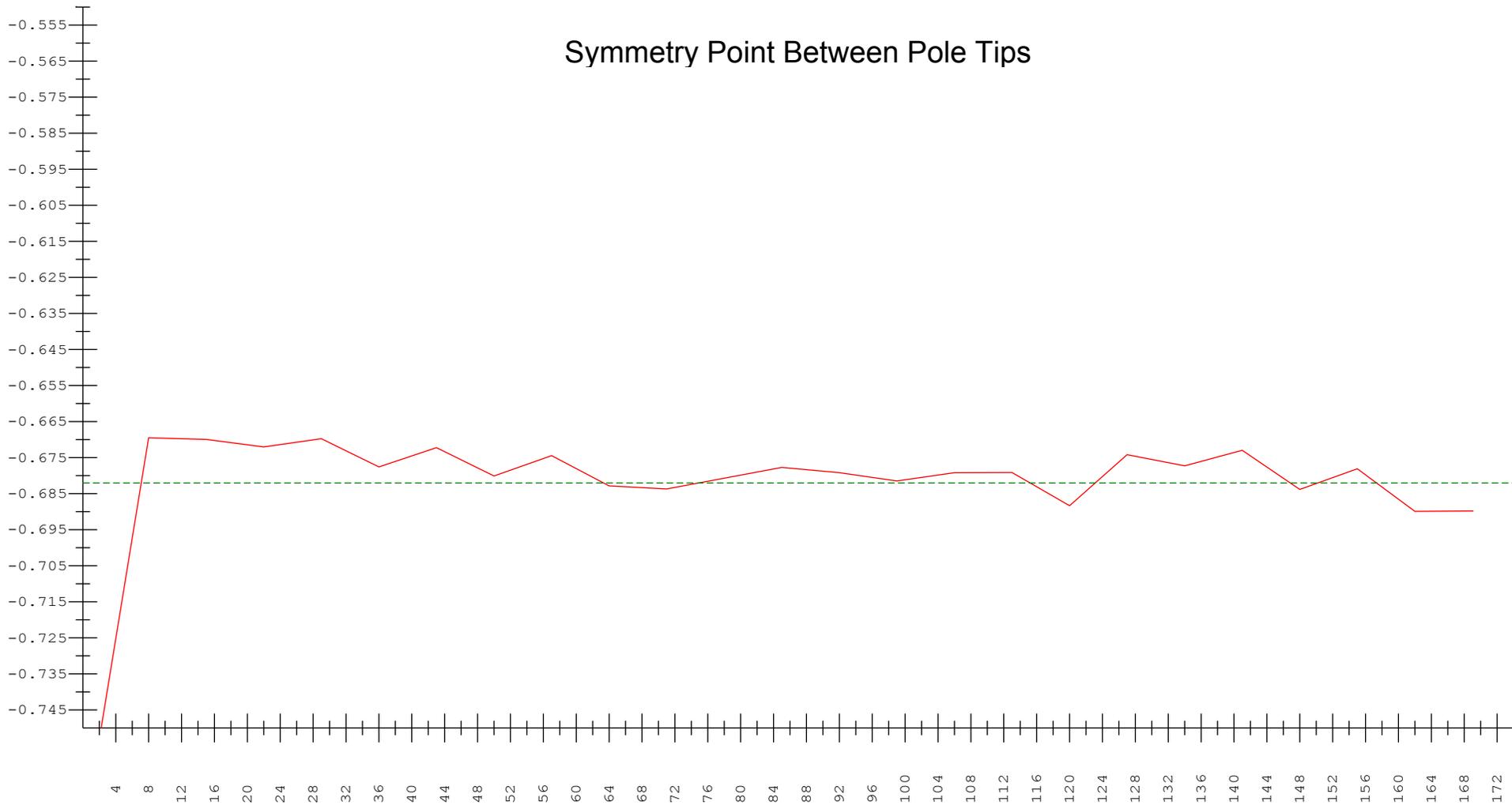Gap Reading = 25.00000   US Encoder = 25.00000   DS Encoder = 25.00000

29-SEP-2017
S/N =   003
D/S=   0001
Run=   19

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Symmetry Point Between Pole Tips

Mean Symmetry Value =   -0.6820

Step Between Measured Pole Tips =   7

Dimensions in mm

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LCLS II - SXR Undulator
Nominal Gap = 25
Gap Reading = 25.00000   US Encoder = 25.00000   DS Encoder = 25.00000

29-SEP-2017
S/N =   003
D/S=   0001
Run=   19

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	11.8327	11.8299	11.8227	11.8197
Bottom	-13.2048	-13.1983	-13.1819	-13.1753

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
11.8264	-13.1905	25.0169	-0.6820

Step Between Measured Pole Tips =   7

Dimensions in mm

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METROLOGY

LCLS II - SXR Undulator
Nominal Gap = 25
Gap Reading = 25.00000   US Encoder = 25.00000   DS Encoder = 25.00000

29-SEP-2017
S/N =   003
D/S=   0001
Run=   19