Top Jaw Pole Tips

Y Value

Mean TOP =   23.3345

Pole Tip Num. ---->

Bottom Jaw Pole Tips

Y Value

Mean BTM =   -26.7218

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 = 50
Gap Reading = 50.00000   US Encoder = 50.00000   DS Encoder = 50.00000

14-SEP-2017
S/N =   003
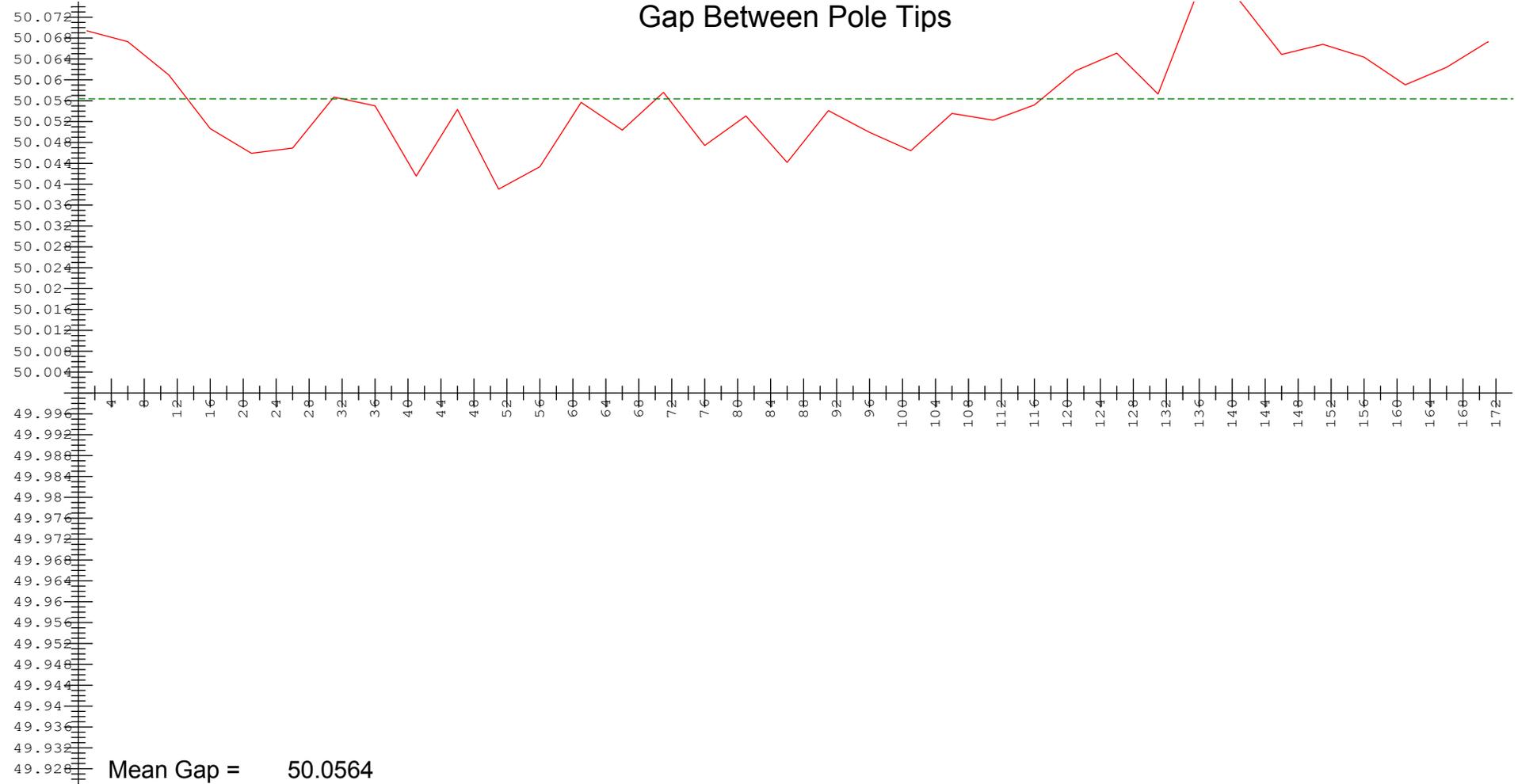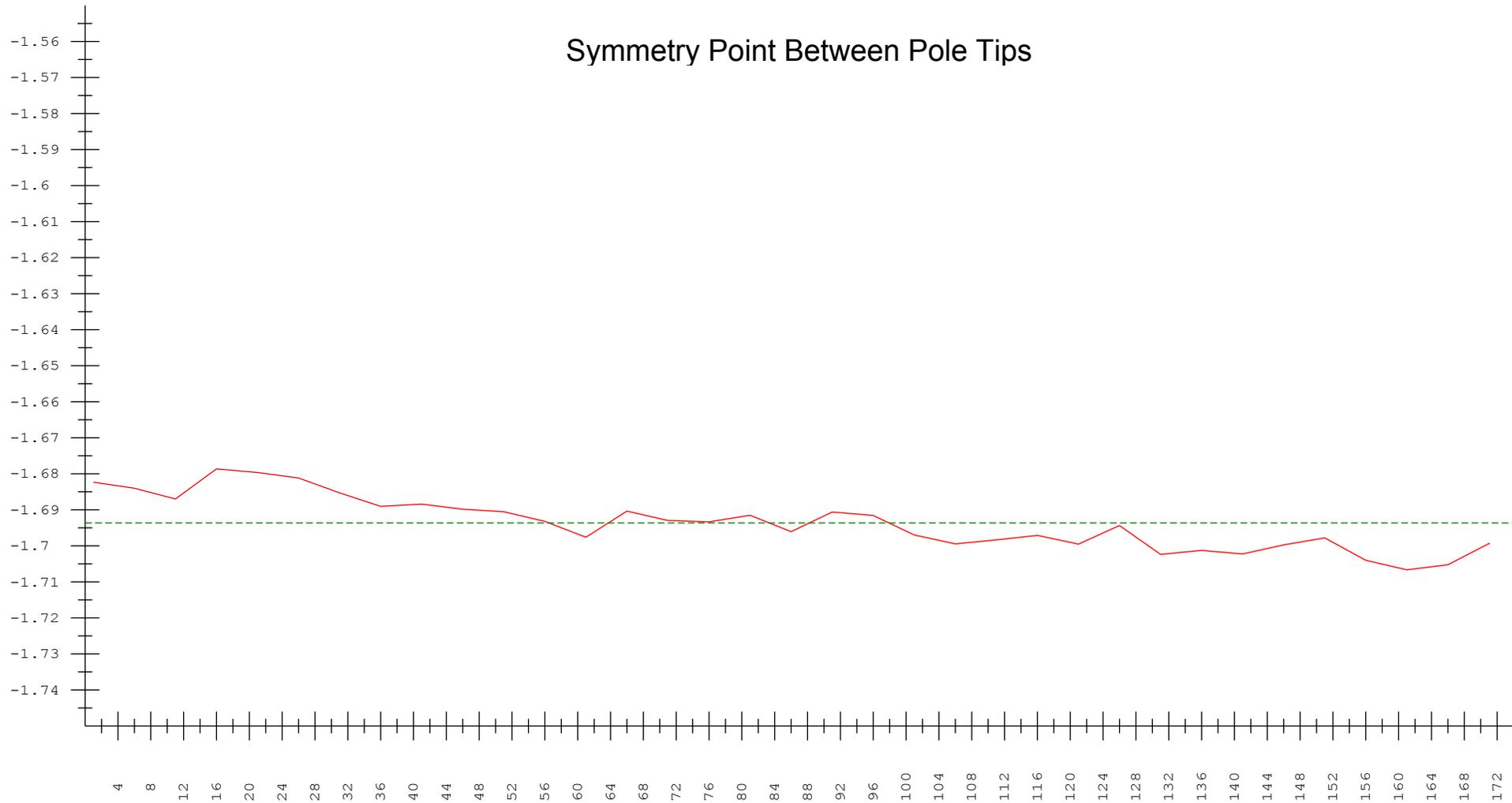D/S=   01
Run=   30

Gap Between Pole Tips

Mean Gap =   50.0564

Step Between Measured Pole Tips =   5   Dimensions in mm

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LCLS II - SXR Undulator
Nominal Gap = 50
Gap Reading = 50.00000   US Encoder = 50.00000   DS Encoder = 50.00000

14-SEP-2017
S/N =   003
D/S=   01
Run=   30

Symmetry Point Between Pole Tips

Mean Symmetry Value =   -1.6936

Step Between Measured Pole Tips =   5

Dimensions in mm

LCLS II - SXR Undulator

Nominal Gap = 50

Gap Reading = 50.00000   US Encoder = 50.00000   DS Encoder = 50.00000

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14-SEP-2017
S/N =   003
D/S=   01
Run=   30

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	23.3424	23.3389	23.3300	23.3264
Bottom	-26.7074	-26.7138	-26.7302	-26.7368

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
23.3345	-26.7218	50.0564	-1.6936

Step Between Measured Pole Tips = 5

Dimensions in mm

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LCLS II - SXR Undulator
Nominal Gap = 50
Gap Reading = 50.00000   US Encoder = 50.00000   DS Encoder = 50.00000

14-SEP-2017
S/N =   003
D/S=   01
Run=   30