Top Jaw Pole Tips

Y Value

Mean TOP = 8.3513

Pole Tip Num. ---->

Bottom Jaw Pole Tips

Y Value

Mean BTM = -11.7105

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

Regression Line Through Points =————

Dimensions in mm

SLAC
NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator
Nominal Gap = 20
Gap Reading = 20.00003   US Encoder = 20   DS Encoder = 20.00005

13-SEP-2017
S/N = 003
D/S = 01
Run = 26

Gap Between Pole Tips

Mean Gap =   20.0618

Step Between Measured Pole Tips =   5

Dimensions in mm

LCLS II - SXR Undulator
Nominal Gap = 20

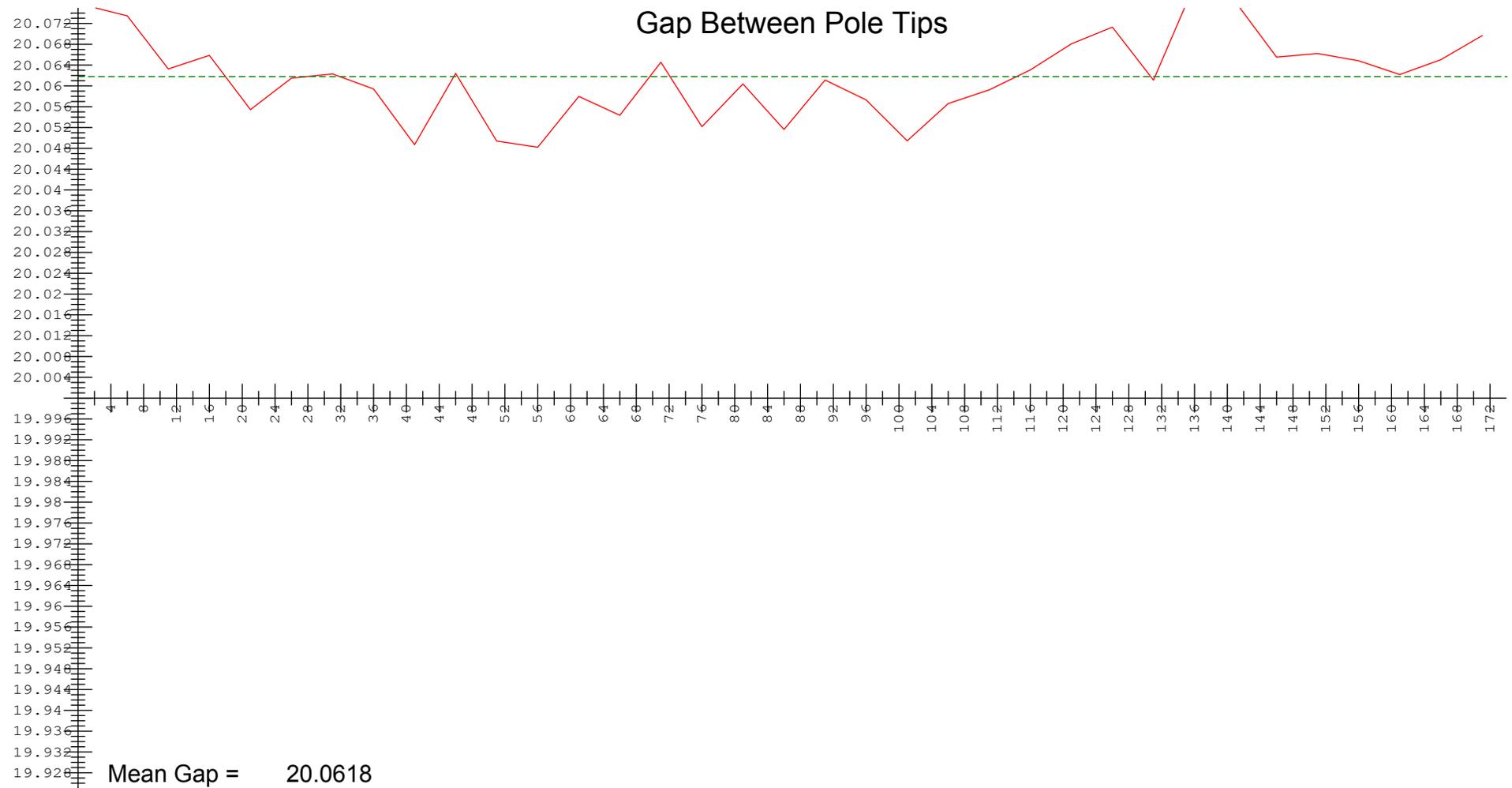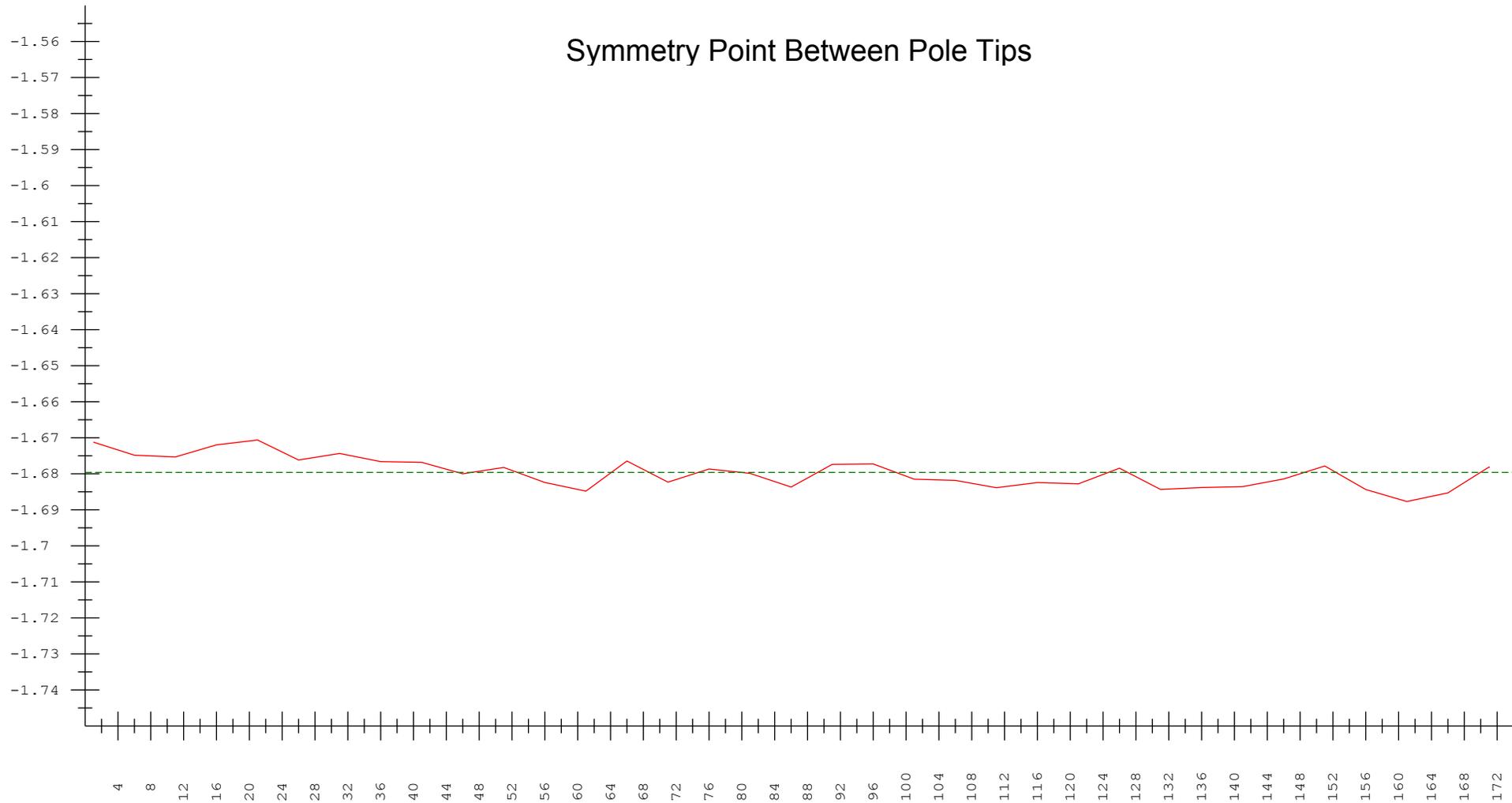Gap Reading = 20.00003   US Encoder = 20   DS Encoder = 20.00005

NATIONAL ACCELERATOR LABORATORY
METROLOGY

13-SEP-2017
S/N =   003
D/S=   01
Run=   26

Symmetry Point Between Pole Tips

Mean Symmetry Value =   -1.6796

Step Between Measured Pole Tips =   5

Dimensions in mm

LCLS II - SXR Undulator

Nominal Gap = 20

Gap Reading = 20.00003   US Encoder = 20   DS Encoder = 20.00005

NATIONAL ACCELERATOR LABORATORY
METROLOGY

13-SEP-2017
S/N =   003
D/S=   01
Run=   26

Top and Bottom Jaw
Regression Line Intersect Points

Jaw	First Pole	US Actuator	DS Actuator	Last Pole
Top	8.355	8.353	8.349	8.348
Bottom	-11.704	-11.707	-11.714	-11.717

Step Between Measured Pole Tips =   5

Dimensions in mm

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METROLOGY

LCLS II - SXR Undulator
Nominal Gap = 20
Gap Reading = 20.00003   US Encoder = 20   DS Encoder = 20.00005

13-SEP-2017
S/N =   003
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