Top Jaw Pole Tips

Y Value

Mean TOP =   10.8334

Pole Tip Num. ---->

Bottom Jaw Pole Tips

Y Value

Mean BTM =   -14.2274

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

Regression Line Through Points =
Dimensions in mm

LCLS II - SXR Undulator
Nominal Gap = 25

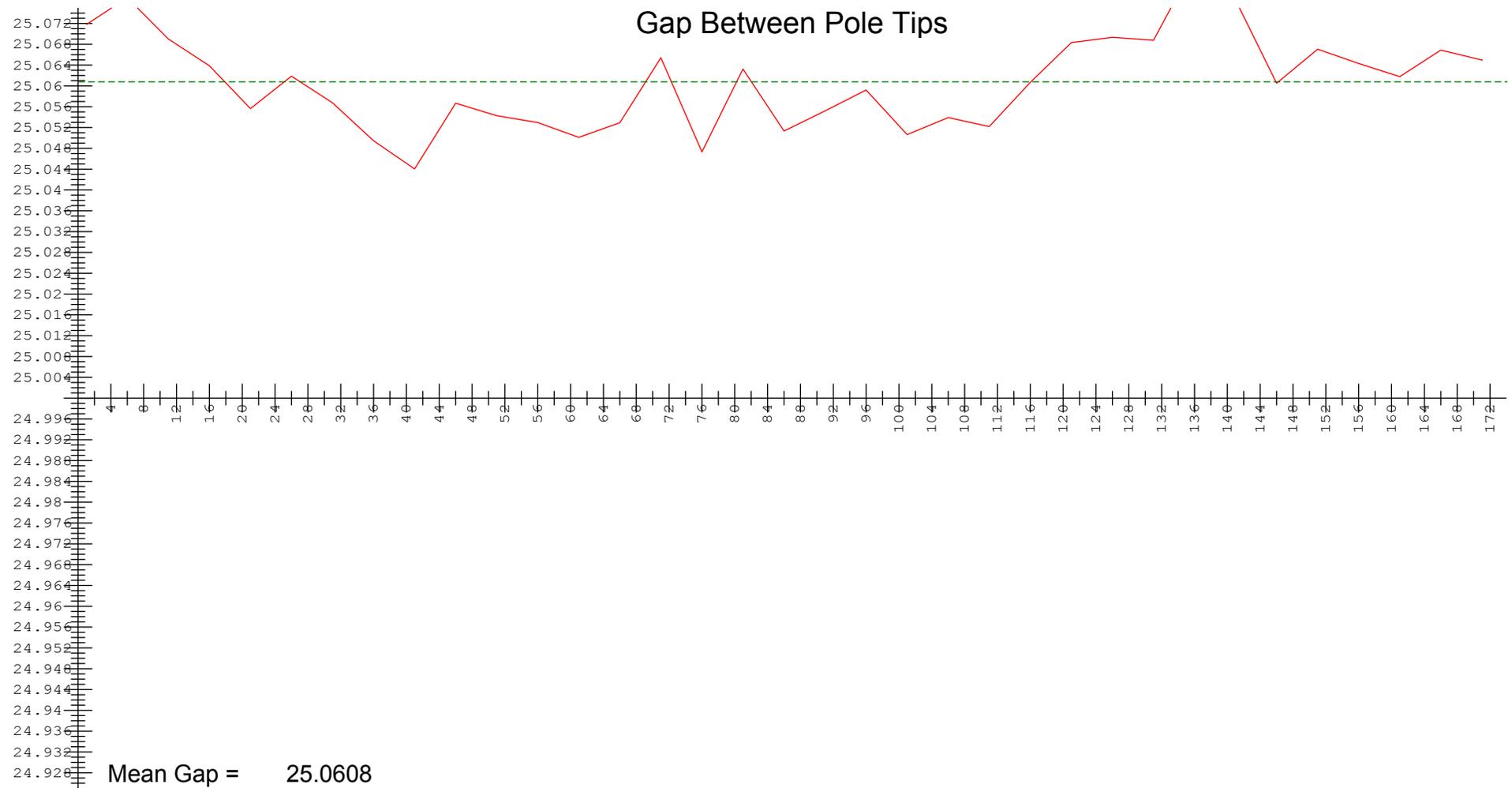Gap Reading = 25   US Encoder = 25   DS Encoder = 25

13-SEP-2017
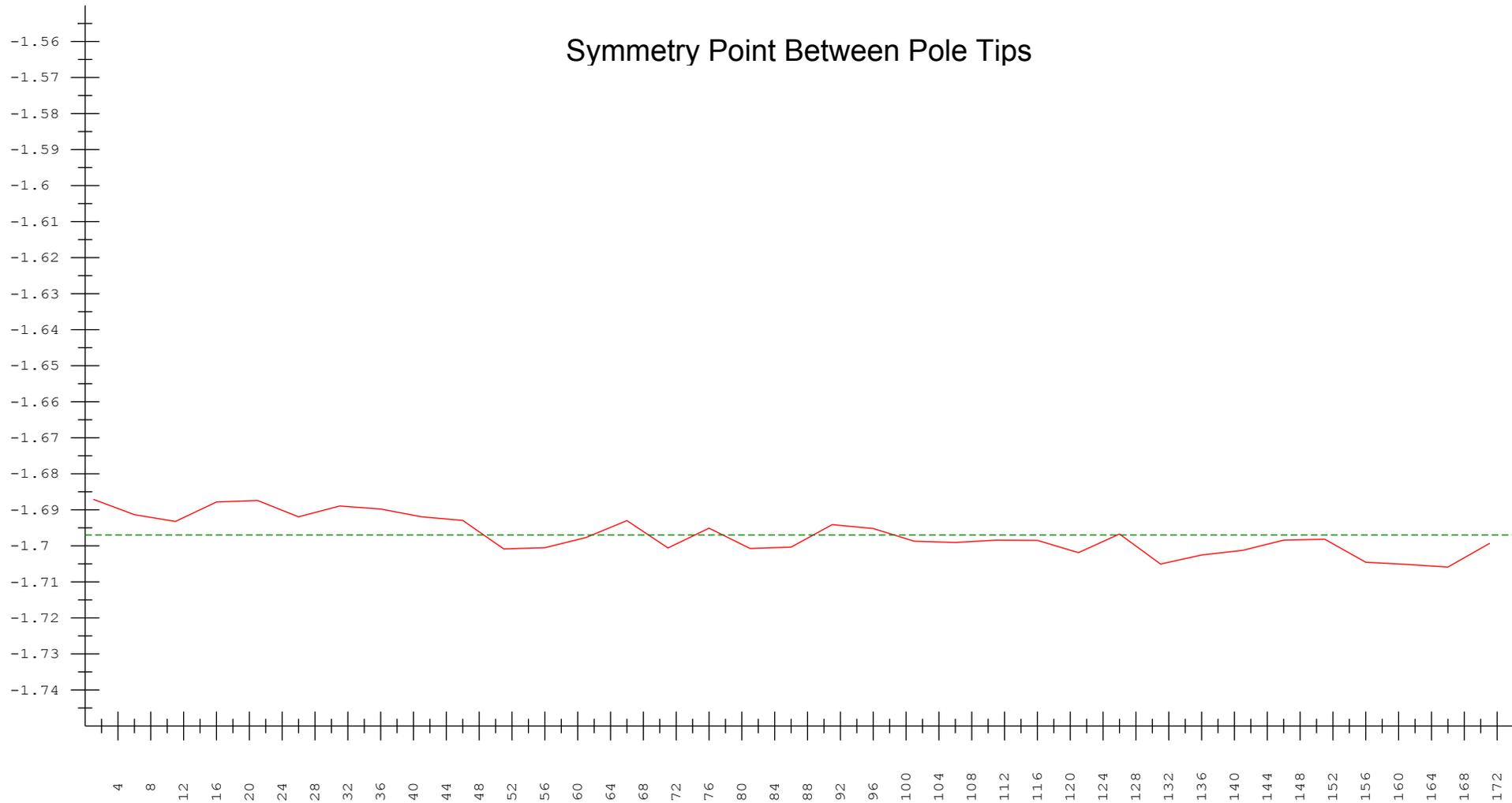S/N =   003
D/S=   01
Run=   27

Gap Between Pole Tips

Mean Gap = 25.0608

Step Between Measured Pole Tips = 5

Dimensions in mm

LCLS II - SXR Undulator

Nominal Gap = 25

Gap Reading = 25   US Encoder = 25   DS Encoder = 25

METROLOGY

NATIONAL ACCELERATOR LABORATORY

13-SEP-2017
S/N = 003
D/S= 01
Run= 27

Symmetry Point Between Pole Tips

Mean Symmetry Value =   -1.6970

Step Between Measured Pole Tips =   5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY METROLOGY	**LCLS II - SXR Undulator** Nominal Gap = 25	Gap Reading = 25	US Encoder = 25	DS Encoder = 25

13-SEP-2017
S/N =   003
D/S=   01
Run=   27

Top and Bottom Jaw
Regression Line Intersect Points

Jaw	First Pole	US Actuator	DS Actuator	Last Pole
Top	10.839	10.836	10.830	10.828
Bottom	-14.218	-14.222	-14.233	-14.237

Step Between Measured Pole Tips =   5

Dimensions in mm

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

13-SEP-2017
S/N =   003
D/S=   01
Run=   27