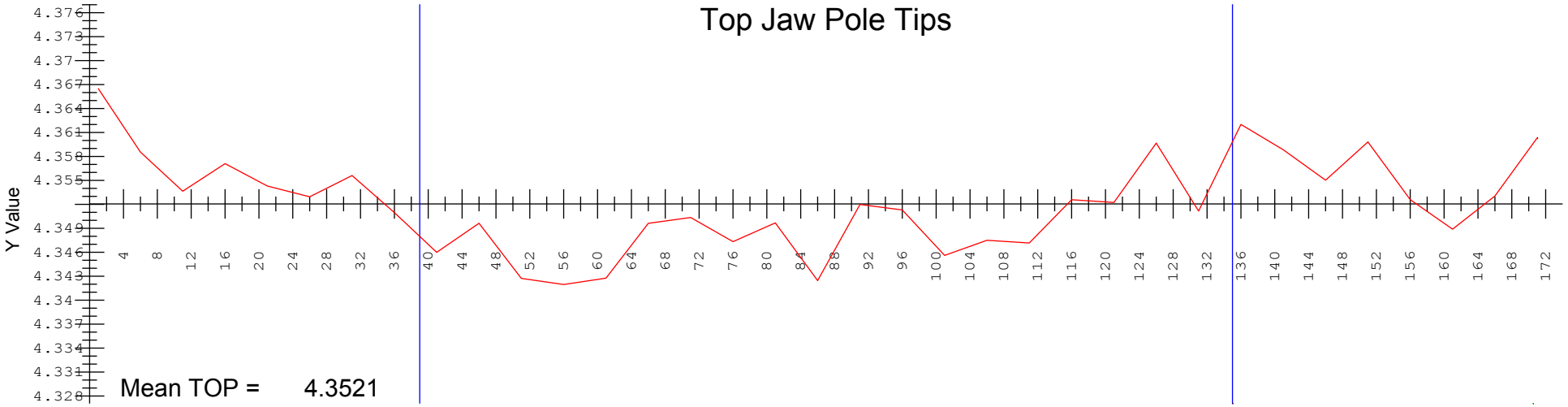
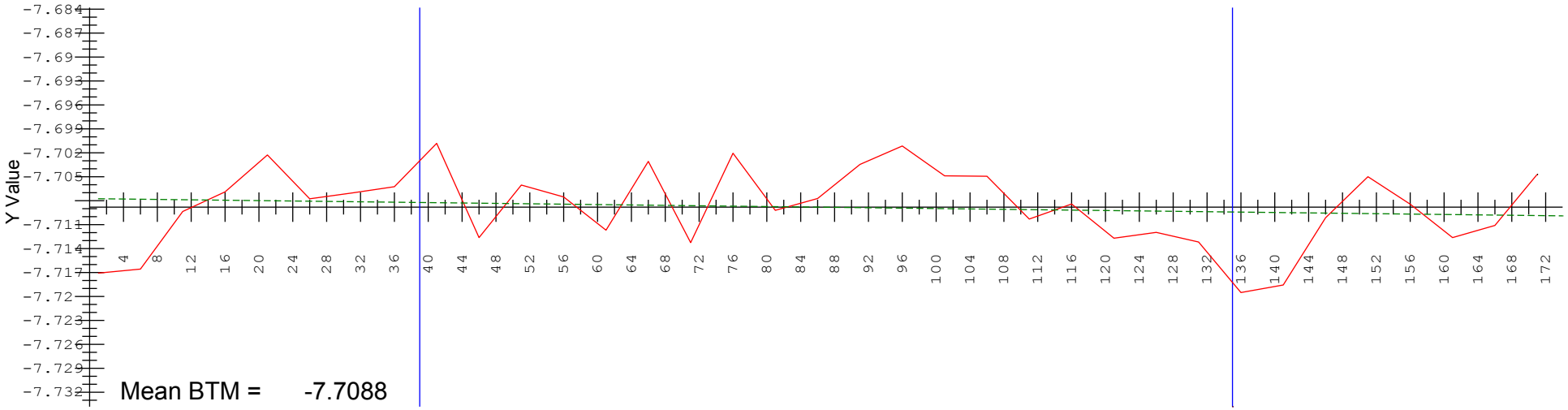


Pole Tip Num. ---->



Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = ----------

Dimensions in mm

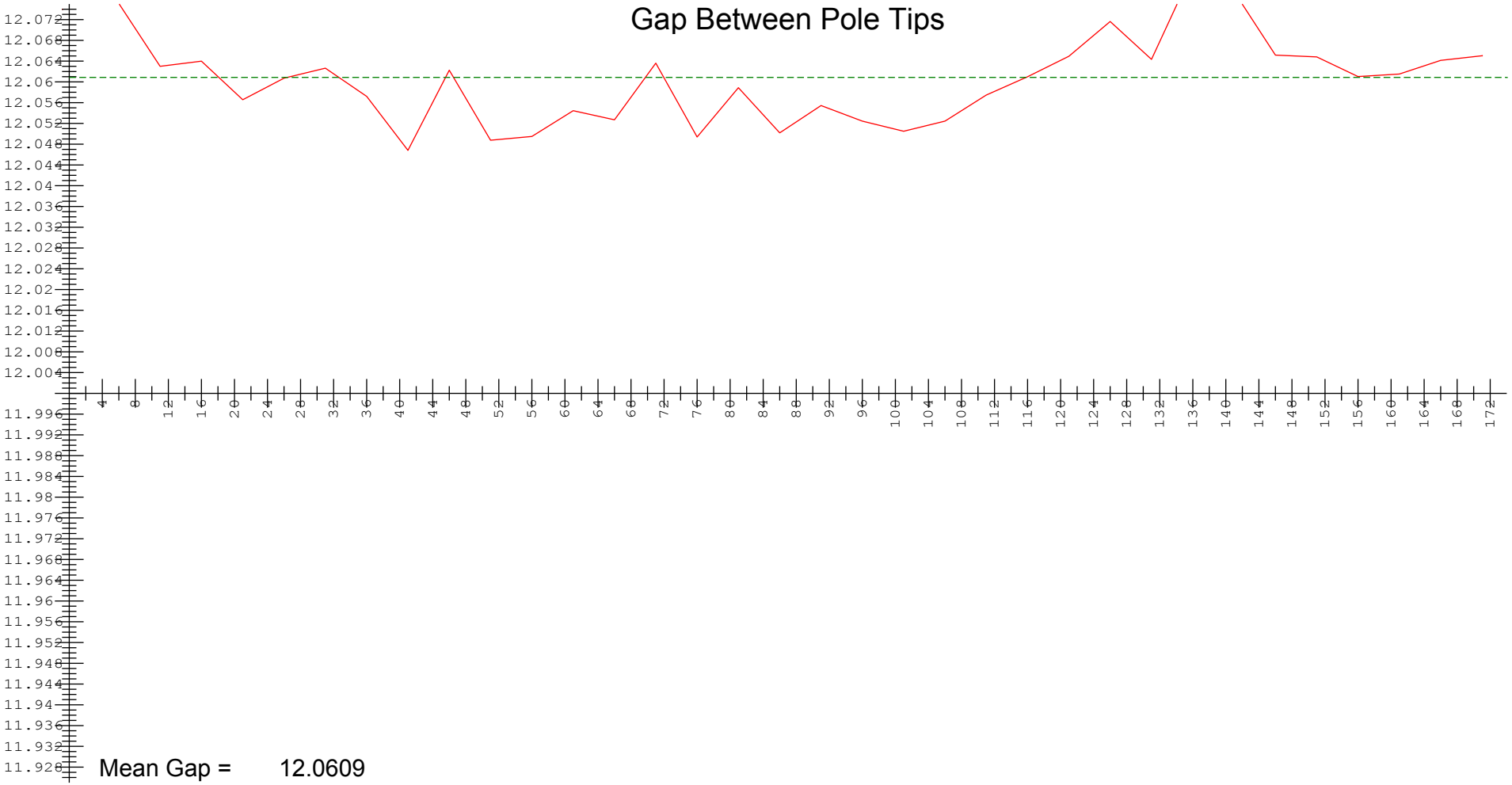
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 12

Gap Reading = 12 US Encoder = 12 DS Encoder = 12

13-SEP-2017
S/N = 003
D/S= 01
Run= 24



Mean Gap = 12.0609

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

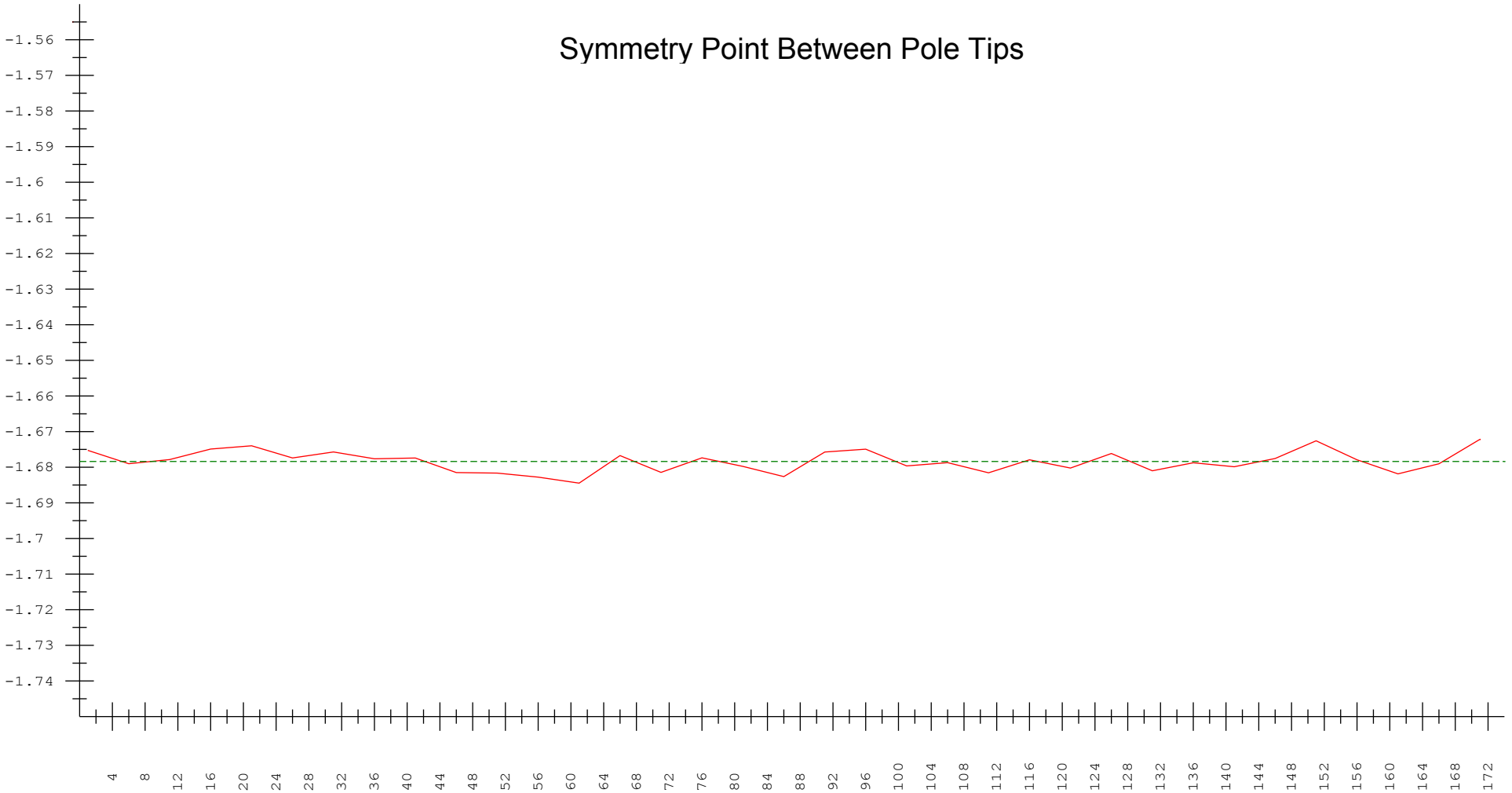
LCLS II - SXR Undulator

Nominal Gap = 12

Gap Reading = 12 US Encoder = 12 DS Encoder = 12

13-SEP-2017
S/N = 003
D/S= 01
Run= 24

Symmetry Point Between Pole Tips



Mean Symmetry Value = -1.6784

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 12

Gap Reading = 12 US Encoder = 12 DS Encoder = 12

13-SEP-2017
S/N = 003
D/S= 01
Run= 24

Top and Bottom Jaw
Regression Line Intersect Points

Jaw	First Pole	US Actuator	DS Actuator	Last Pole
Top	**4.351**	**4.352**	**4.353**	**4.353**
Bottom	**-7.708**	**-7.708**	**-7.709**	**-7.710**

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 12

Gap Reading = 12 US Encoder = 12 DS Encoder = 12

13-SEP-2017
S/N = 003
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