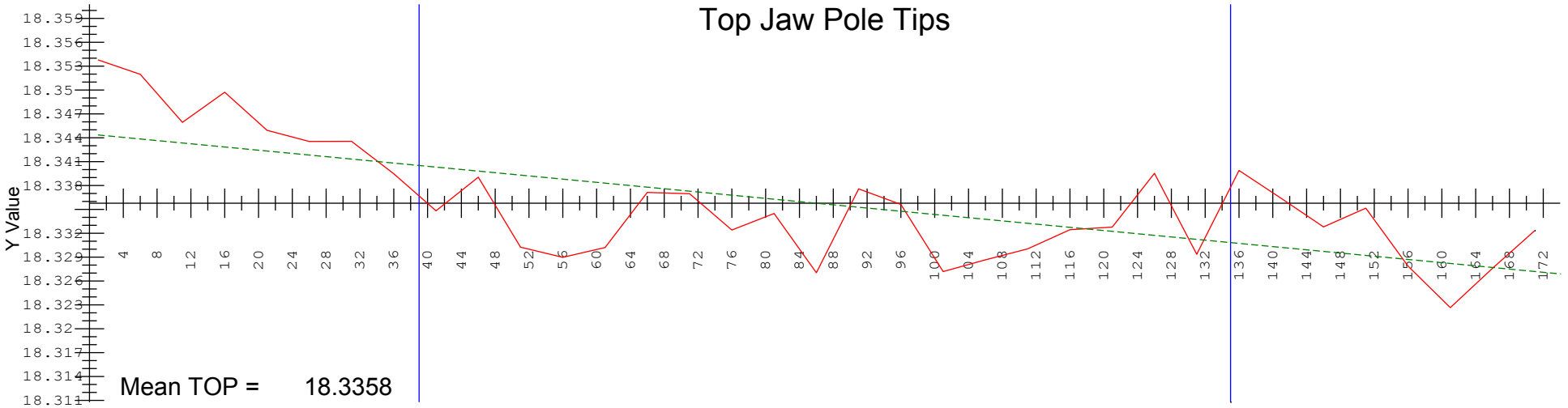
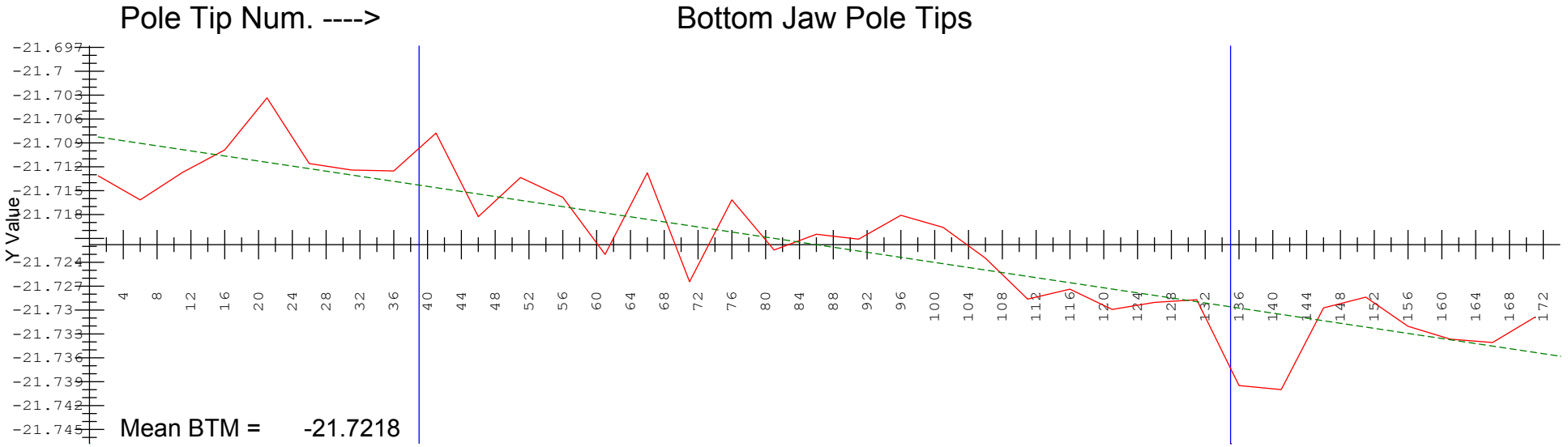




Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 5

Regression Line Through Points = ----------
Dimensions in mm

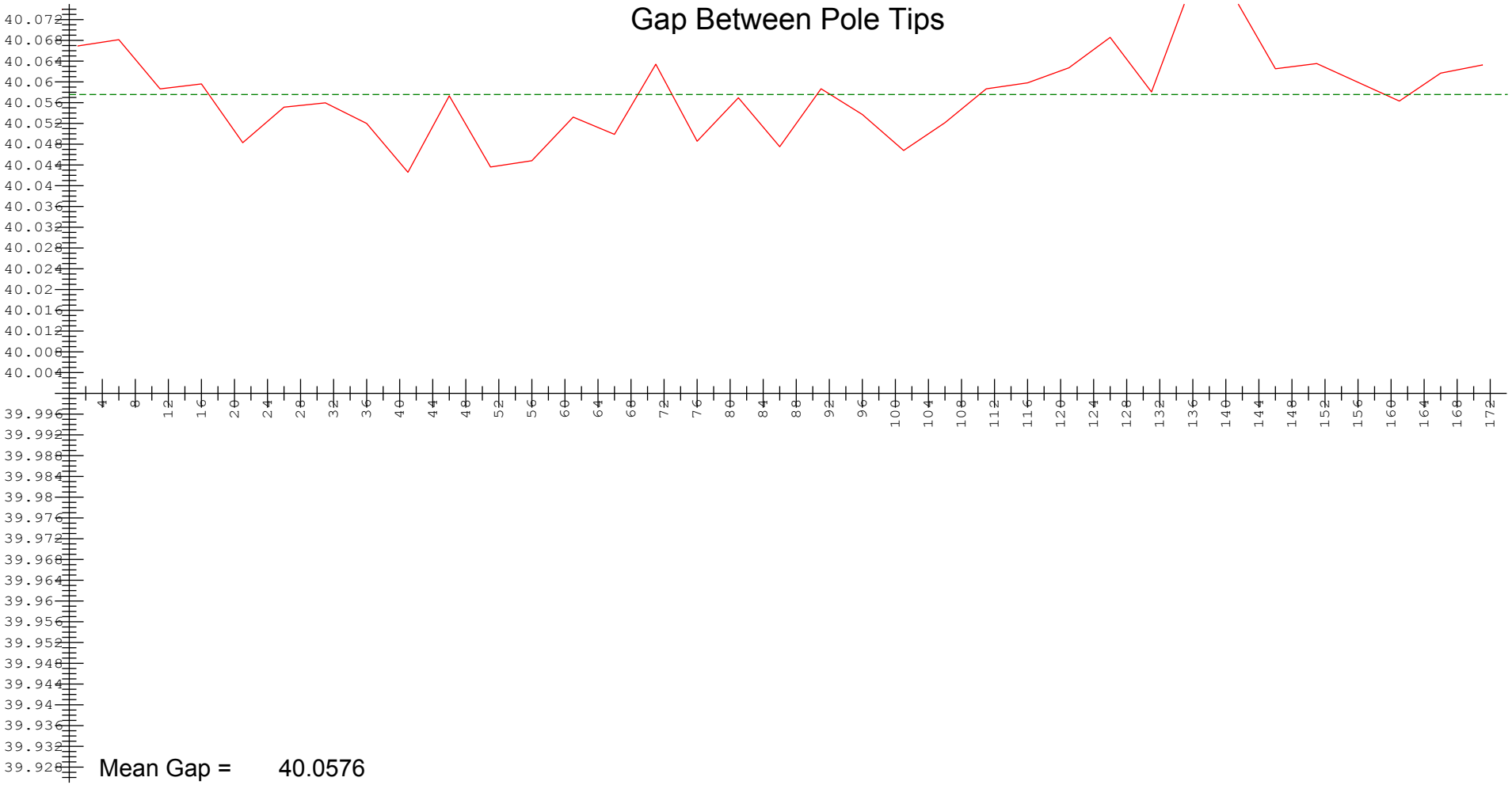
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 40

Gap Reading = 40 US Encoder = 40 DS Encoder = 40

14-SEP-2017
S/N = 003
D/S= 01
Run= 28



Mean Gap = 40.0576

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

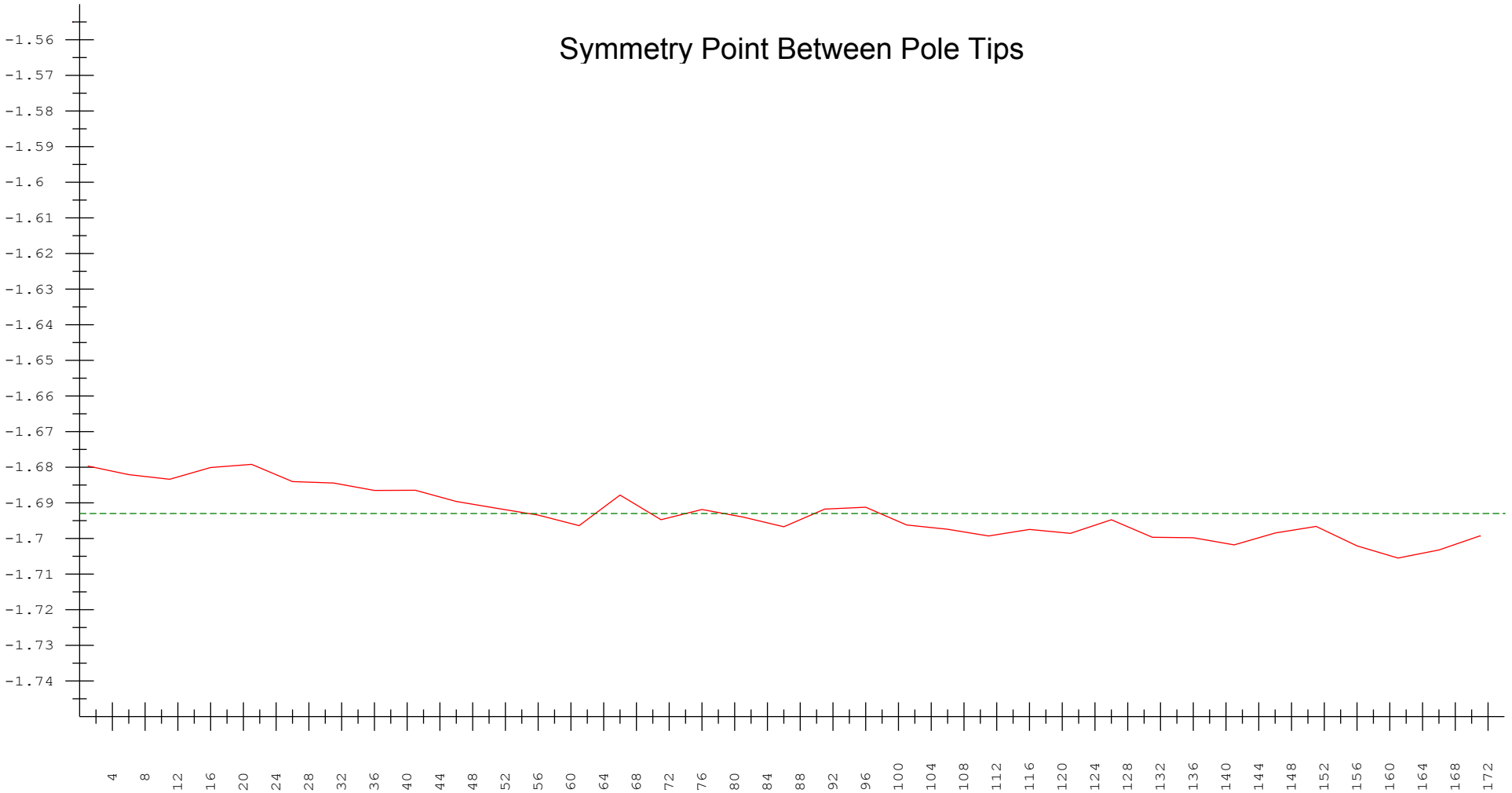
LCLS II - SXR Undulator

Nominal Gap = 40

Gap Reading = 40 US Encoder = 40 DS Encoder = 40

14-SEP-2017
S/N = 003
D/S= 01
Run= 28

Symmetry Point Between Pole Tips



Mean Symmetry Value = -1.6930

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 40

Gap Reading = 40 US Encoder = 40 DS Encoder = 40

14-SEP-2017
S/N = 003
D/S= 01
Run= 28

Top and Bottom Jaw
Regression Line Intersect Points

Jaw	First Pole	US Actuator	DS Actuator	Last Pole
Top	**18.344**	**18.341**	**18.331**	**18.327**
Bottom	**-21.708**	**-21.714**	**-21.730**	**-21.736**

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 40

Gap Reading = 40 US Encoder = 40 DS Encoder = 40

14-SEP-2017
S/N = 003
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Run= 28