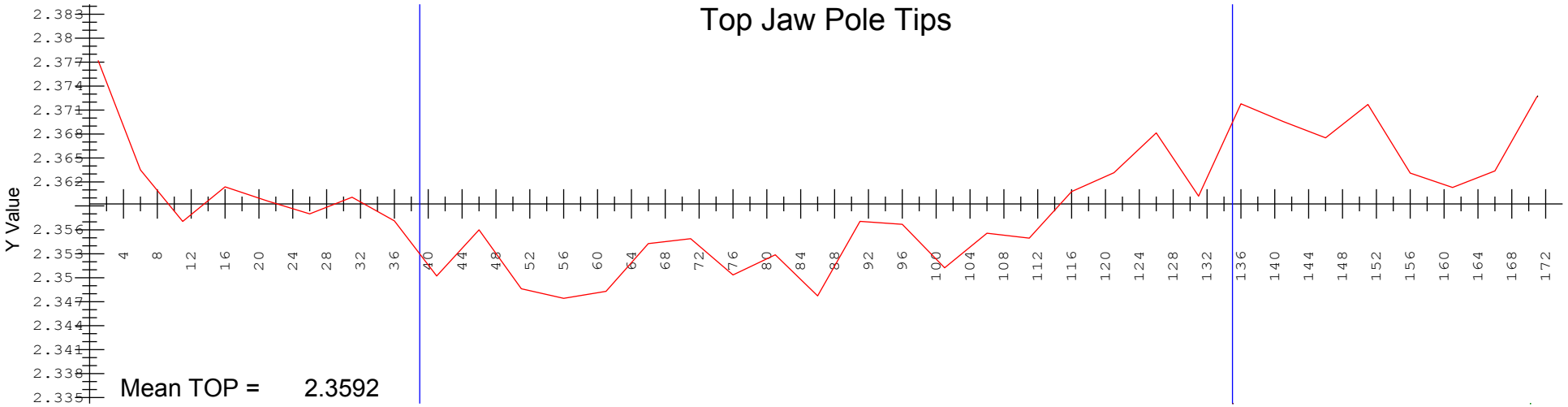
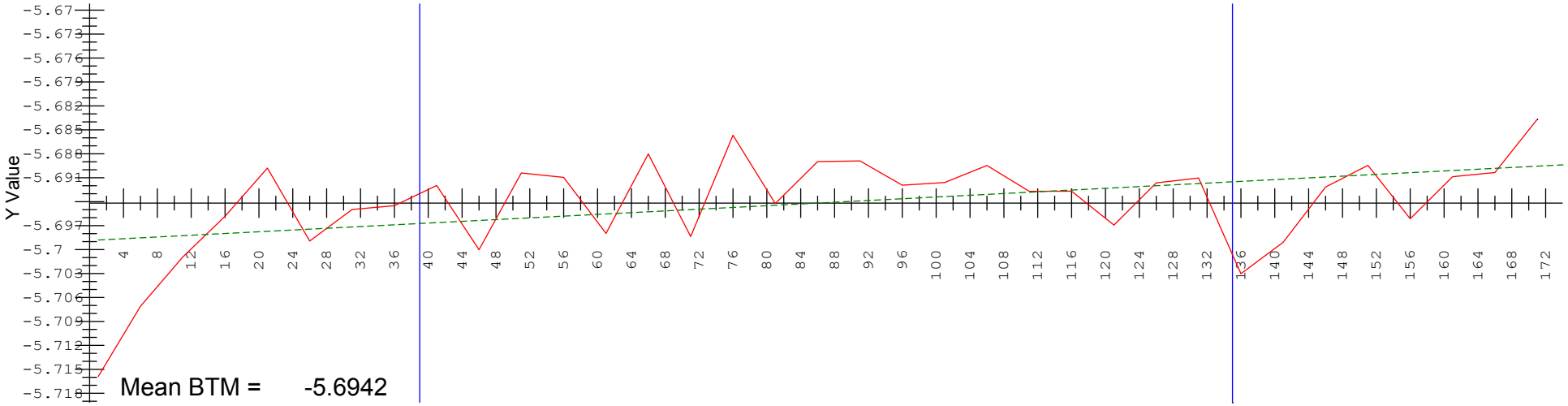


Pole Tip Num. ----->



Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

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

Dimensions in mm

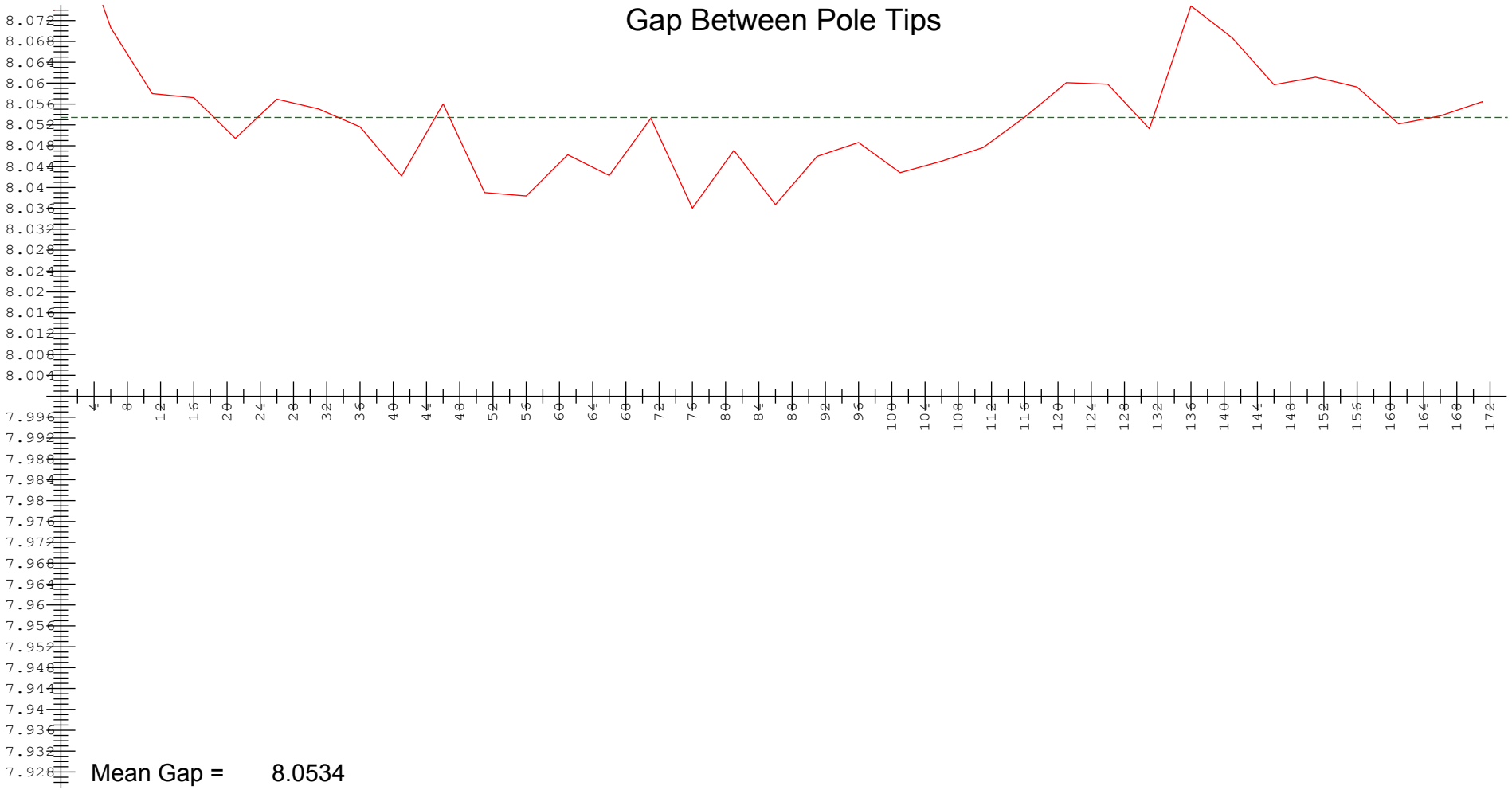
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 8

Gap Reading = 8 | US Encoder = 8 | DS Encoder = 8

13-SEP-2017
S/N = 003
D/S= 01
Run= 22



Mean Gap = 8.0534

Step Between Measured Pole Tips = 5

Dimensions in mm

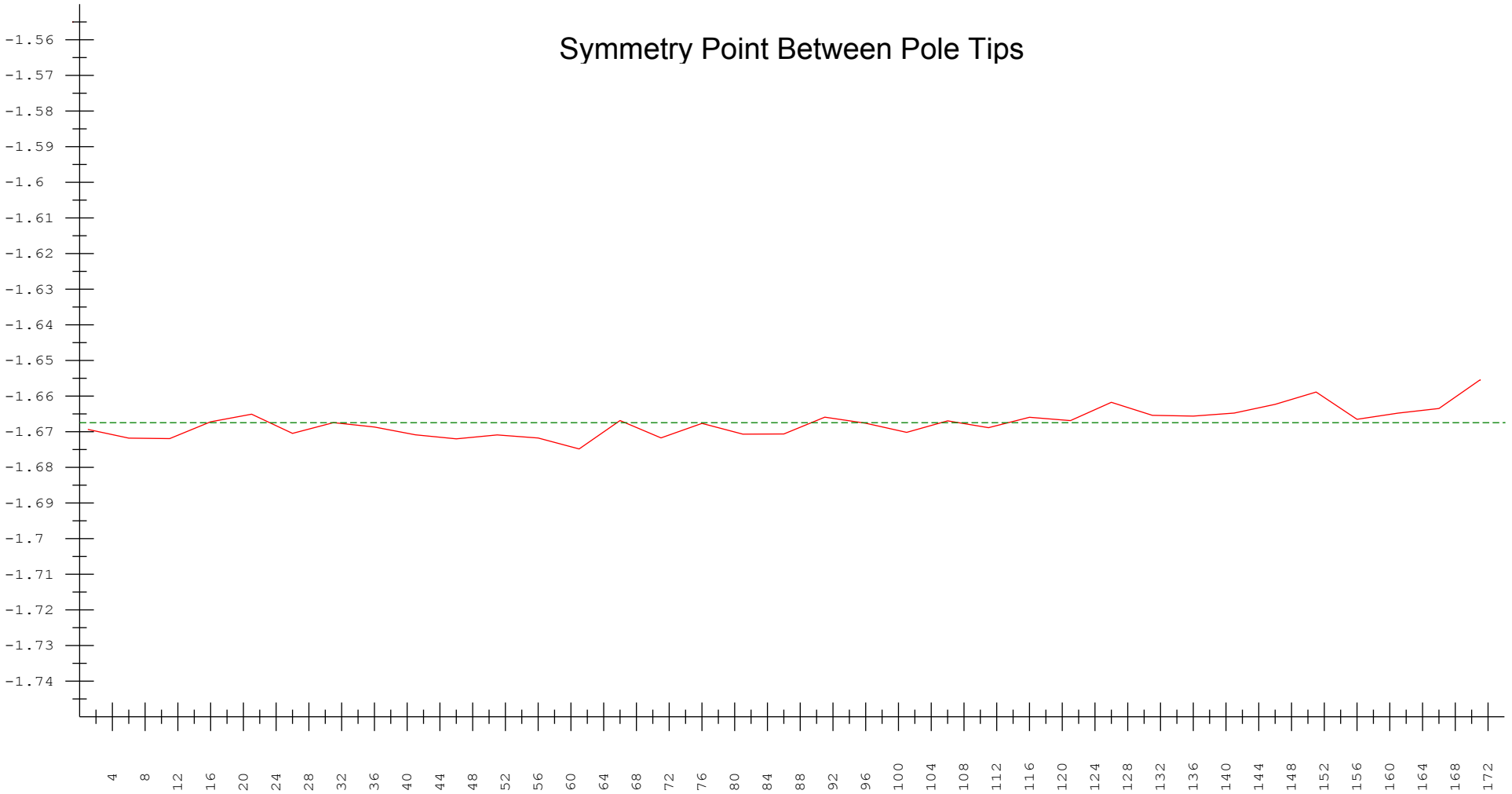
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 8

Gap Reading = 8 US Encoder = 8 DS Encoder = 8

13-SEP-2017
S/N = 003
D/S= 01
Run= 22



Mean Symmetry Value = -1.6675

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 8

Gap Reading = 8 US Encoder = 8 DS Encoder = 8

13-SEP-2017
S/N = 003
D/S= 01
Run= 22

Top and Bottom Jaw
Regression Line Intersect Points

Jaw	First Pole	US Actuator	DS Actuator	Last Pole
Top	**2.355**	**2.357**	**2.362**	**2.364**
Bottom	**-5.699**	**-5.697**	**-5.692**	**-5.689**

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 8

Gap Reading = 8 US Encoder = 8 DS Encoder = 8

13-SEP-2017
S/N = 003
D/S= 01
Run= 22