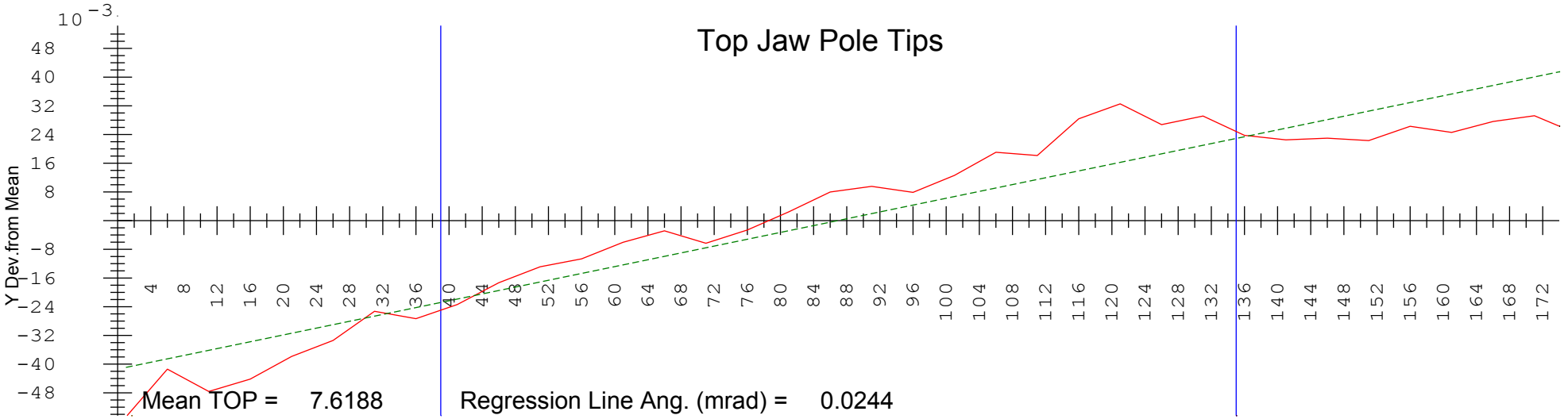
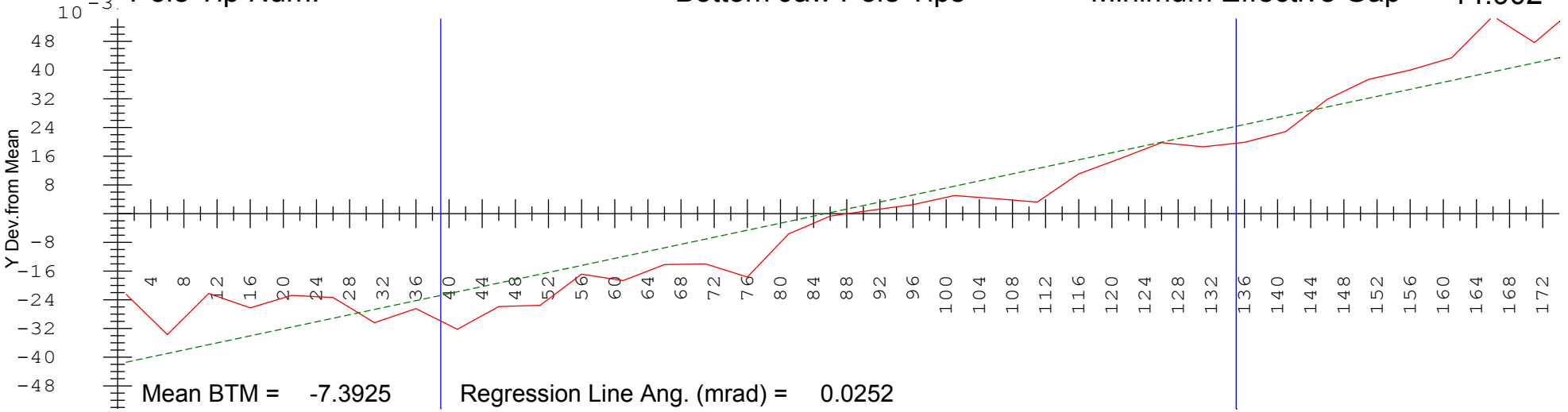


Pole Tip Num. ----> Bottom Jaw Pole Tips Minimum Effective Gap = 14.902



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

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

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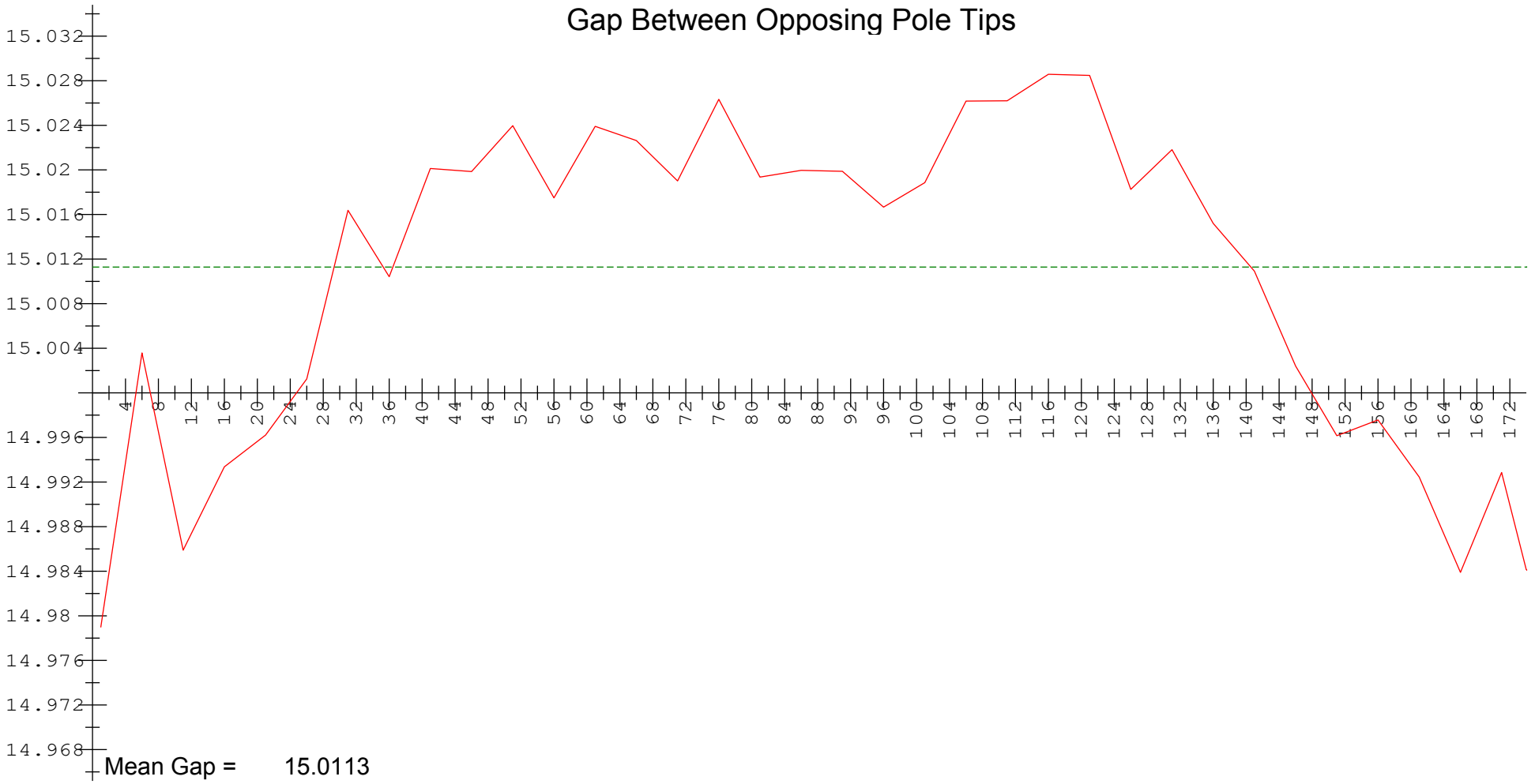
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000

Gap Reading = 15.0001 US Encoder = 15.0001 DS Encoder = 15.0001

01-OCT-2018
S/N = 015
D/S= 0001
Run= 10



Step Between Measured Pole Tips = 5

Dimensions in mm

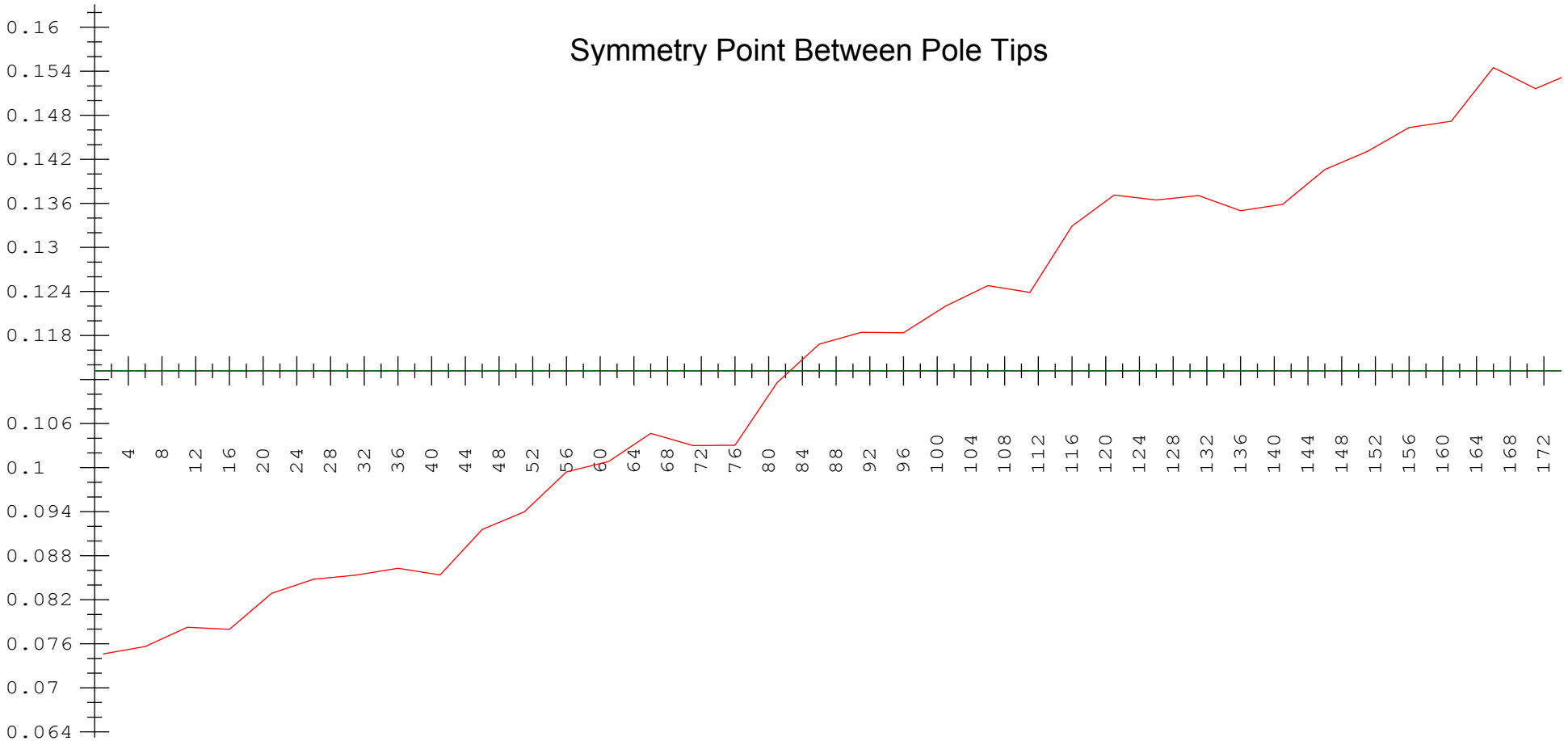
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000

Gap Reading = 15.0001 US Encoder = 15.0001 DS Encoder = 15.0001

01-OCT-2018
S/N = 015
D/S= 0001
Run= 10



Mean Symmetry Value = 0.1132

Step Between Measured Pole Tips = 5

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000

Gap Reading = 15.0001 US Encoder = 15.0001 DS Encoder = 15.0001

01-OCT-2018
S/N = 015
D/S= 0001
Run= 10

Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
Top	7.5779	7.5960	7.6417	7.6603
Bottom	-7.4339	-7.4152	-7.3681	-7.3490
Gap	15.0118			15.0093
Taper				-0.0025

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.6188	-7.3925	15.0113	0.1132

Additional Calculated Values

Bottom Pole #1 Z Value	980.409
Top Jaw Pitch (mrad)	0.024
Bottom Jaw Pitch(mrad)	0.025
Minimum Effective Gap	14.902
Reference Block Gap	6.807

Dimensions in mm

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METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000

Gap Reading = 15.0001 US Encoder = 15.0001 DS Encoder = 15.0001

01-OCT-2018
S/N = 015
D/S= 0001
Run= 10