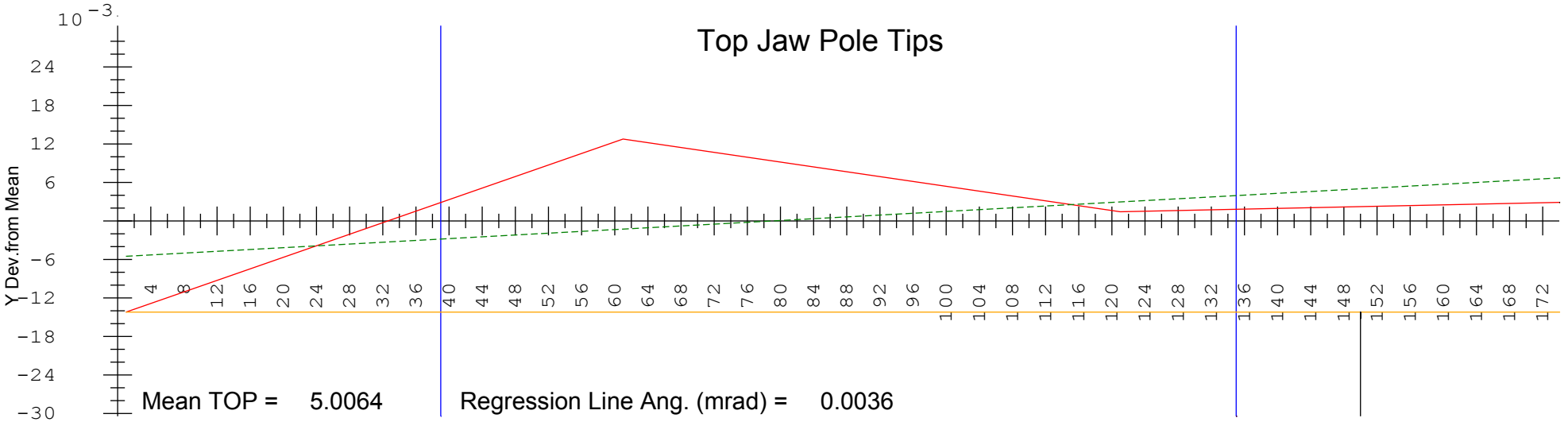
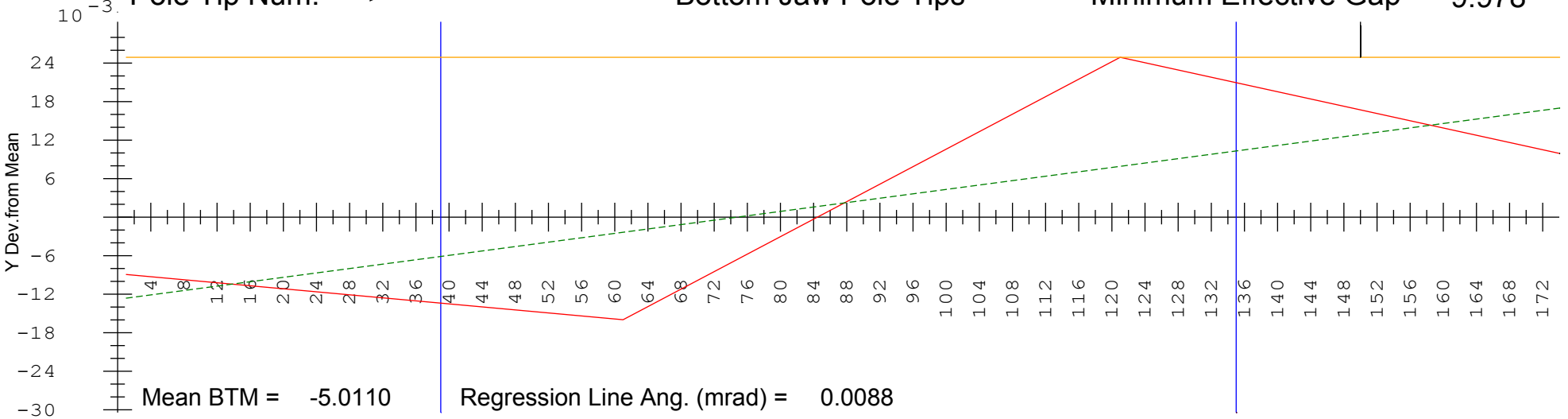


Pole Tip Num. ----> Minimum Effective Gap = 9.978



Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 60

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

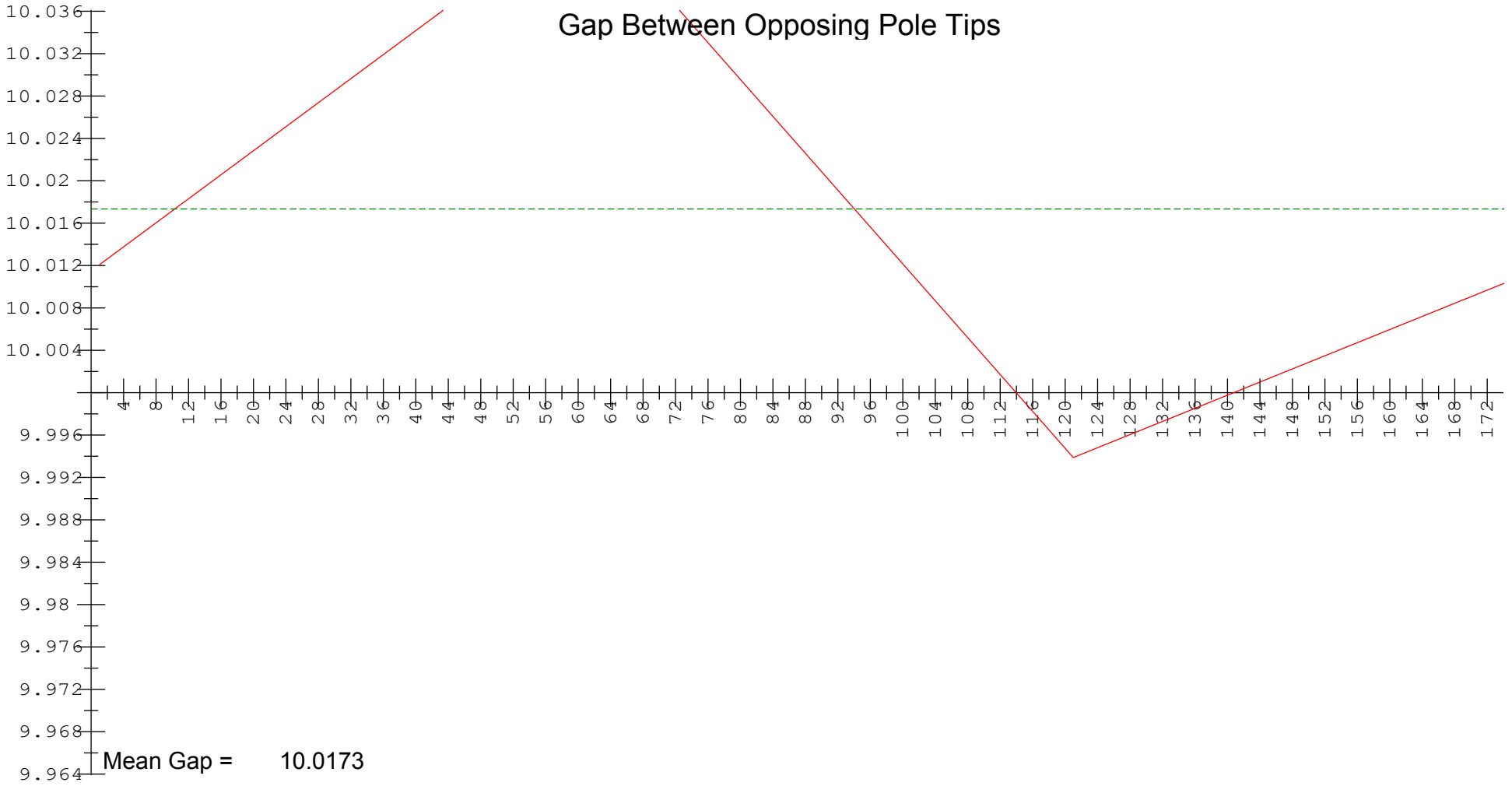
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
S/N = 001
D/S= 0007
Run= 26



Step Between Measured Pole Tips = 60

Dimensions in mm

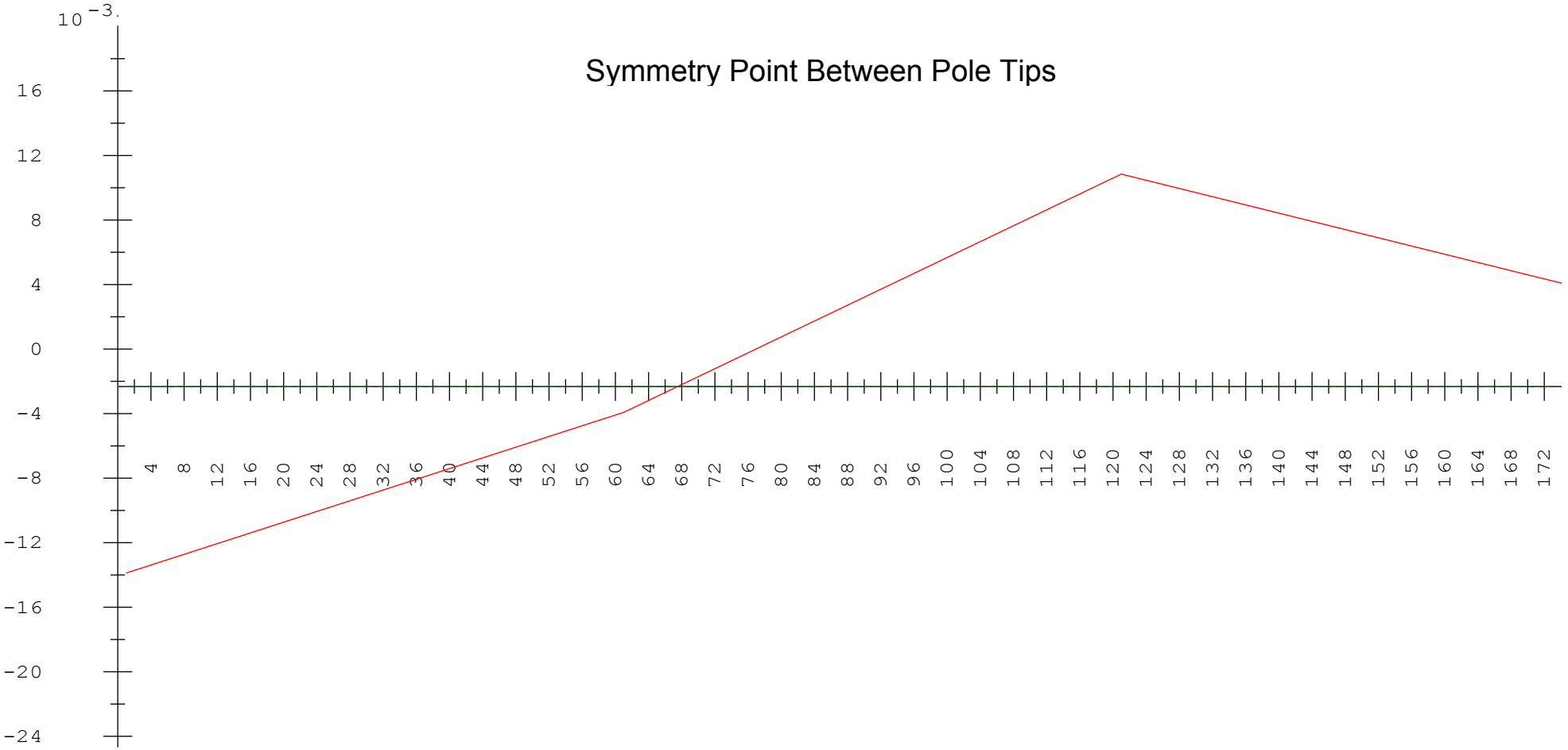
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
S/N = 001
D/S= 0007
Run= 26



Mean Symmetry Value = -0.0023

Step Between Measured Pole Tips = 60

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
S/N = 001
D/S= 0007
Run= 26

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	5.0008	5.0035	5.0103	5.0131
Bottom	-5.0236	-5.0171	-5.0007	-4.9940
Gap	10.0245			10.0071
Taper				-0.0174

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0064	-5.0110	10.0173	-0.0023

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	0.004
Bottom Jaw Pitch(mrad)	0.009
Minimum Effective Gap	9.978
Reference Block Gap	6.805

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
S/N = 001
D/S= 0007
Run= 26