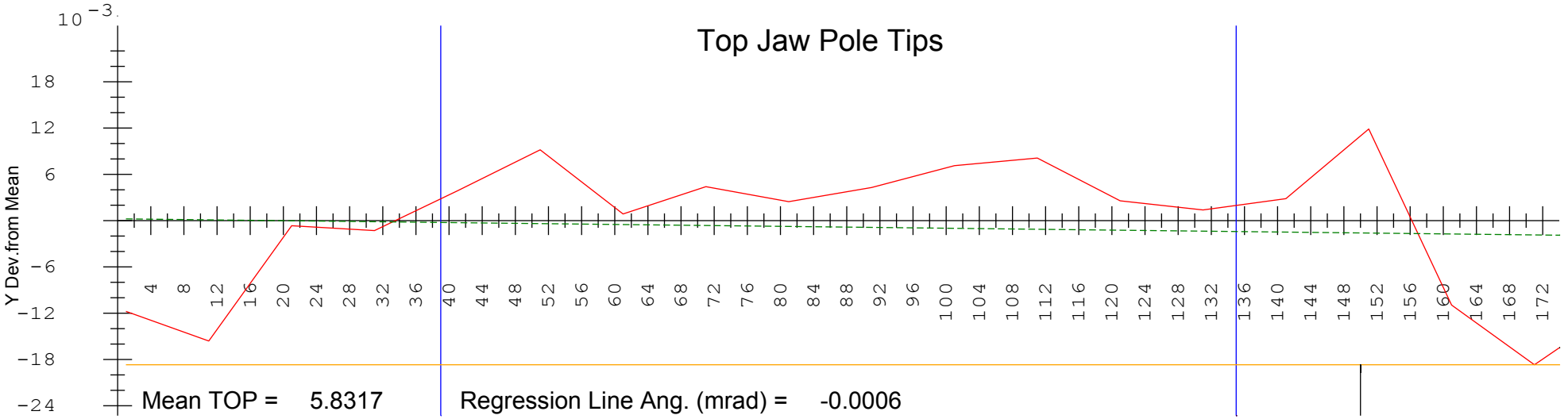
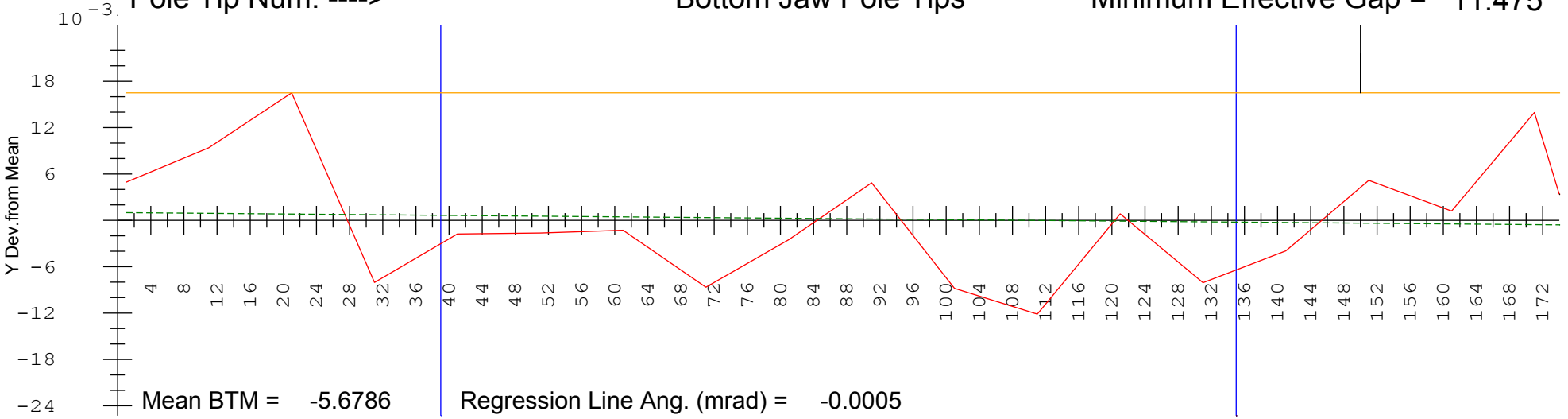


Pole Tip Num. ----> Minimum Effective Gap = 11.475



Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 10

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

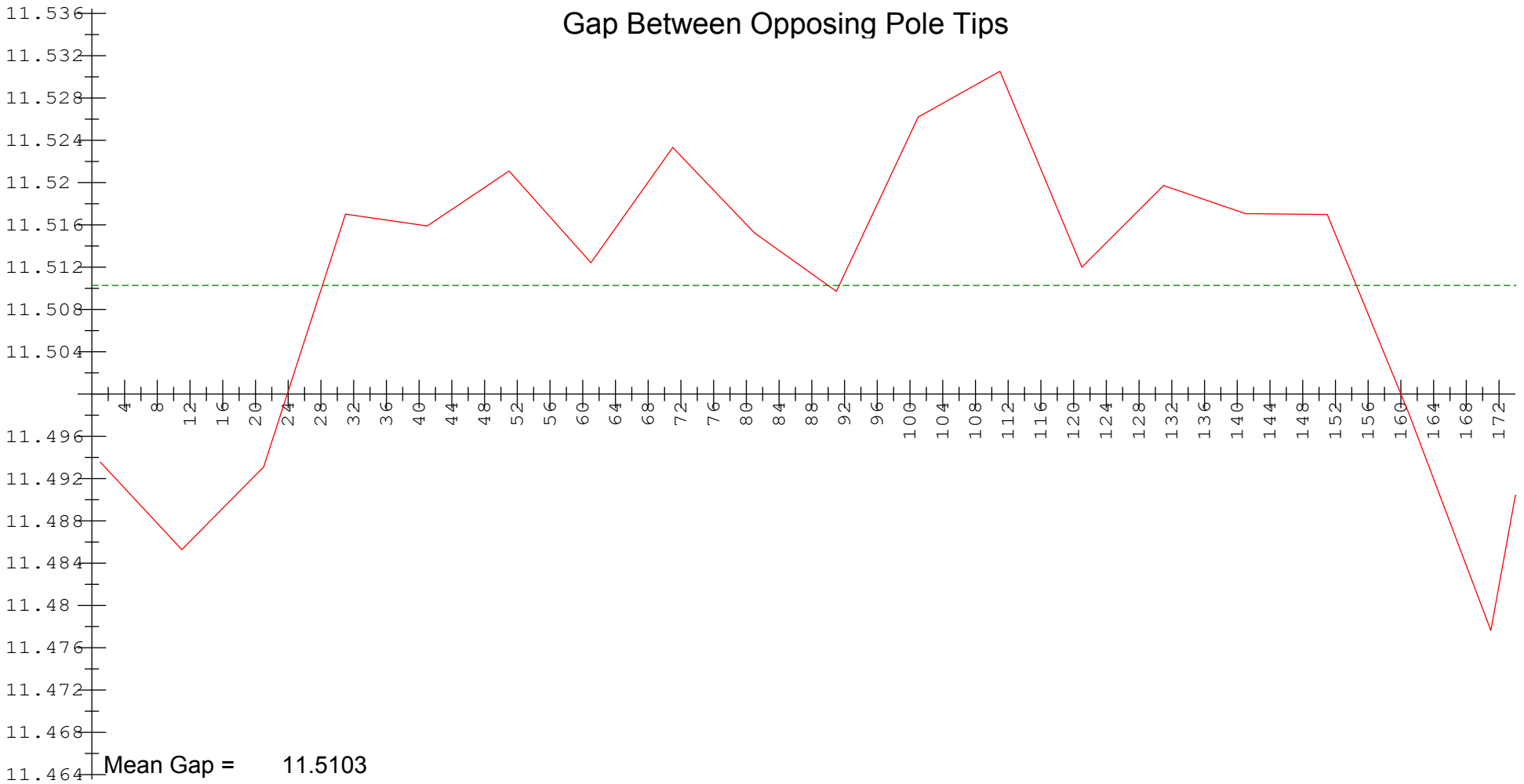
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000

Gap Reading = 11.5000 US Encoder = 0.0115 DS Encoder = 0.0115

22-NOV-2019
S/N = 021
D/S= 0001
Run= 8



Step Between Measured Pole Tips = 10

Dimensions in mm

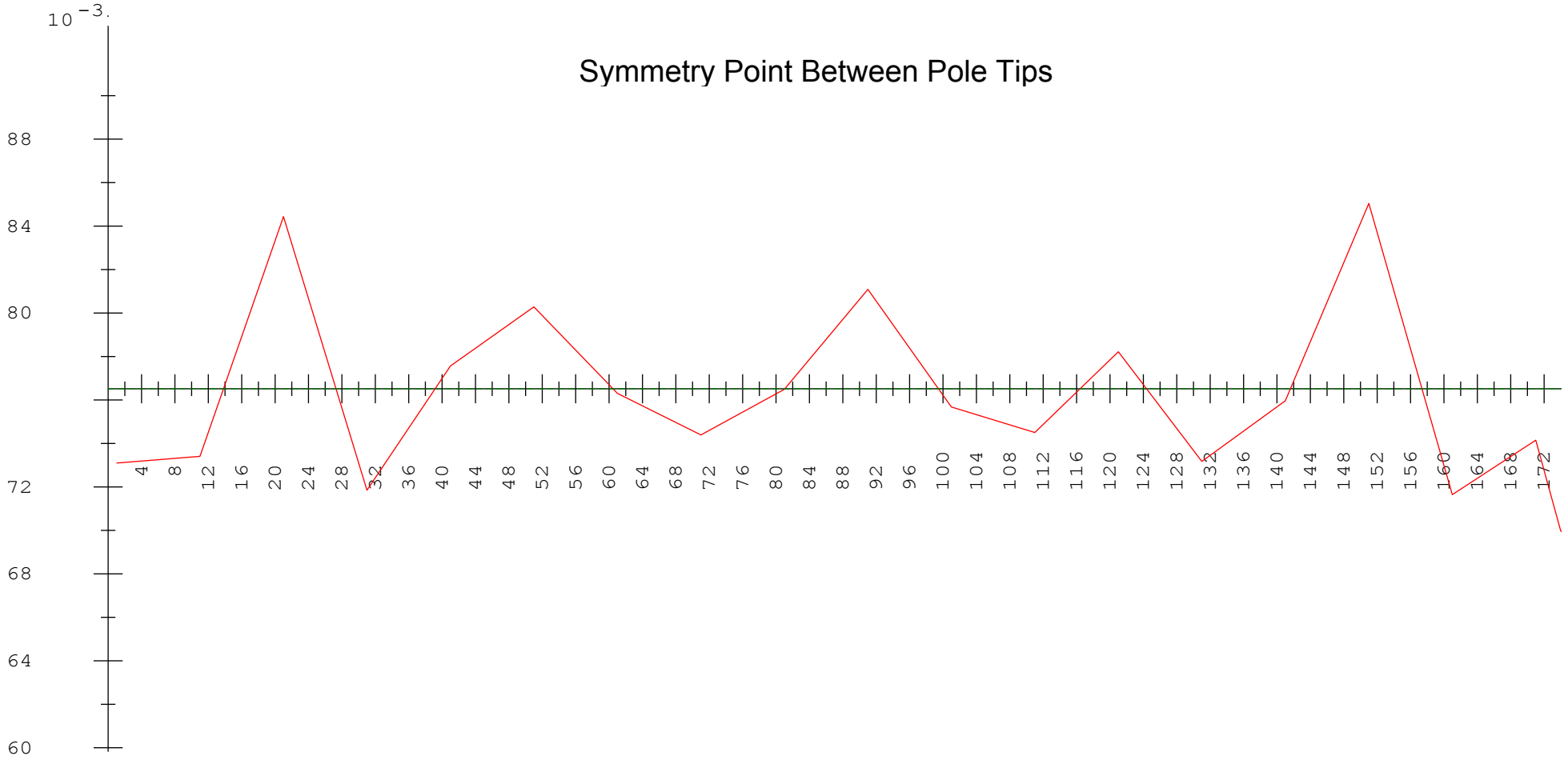
SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000

Gap Reading = 11.5000 US Encoder = 0.0115 DS Encoder = 0.0115

22-NOV-2019
S/N = 021
D/S= 0001
Run= 8



Mean Symmetry Value = 0.0765

Step Between Measured Pole Tips = 10

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000

Gap Reading = 11.5000 US Encoder = 0.0115 DS Encoder = 0.0115

22-NOV-2019
S/N = 021
D/S= 0001
Run= 8

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	5.8319	5.8314	5.8302	5.8298
Bottom	-5.6776	-5.6780	-5.6788	-5.6792
Gap	11.5095			11.5090
Taper				-0.0005

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.8317	-5.6786	11.5103	0.0765

Additional Calculated Values

Bottom Pole #1 Z Value	980.155
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.000
Minimum Effective Gap	11.475
Reference Block Gap	6.799

Dimensions in mm

SLAC NATIONAL ACCELERATOR LABORATORY
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000

Gap Reading = 11.5000 US Encoder = 0.0115 DS Encoder = 0.0115

22-NOV-2019
S/N = 021
D/S= 0001
Run= 8