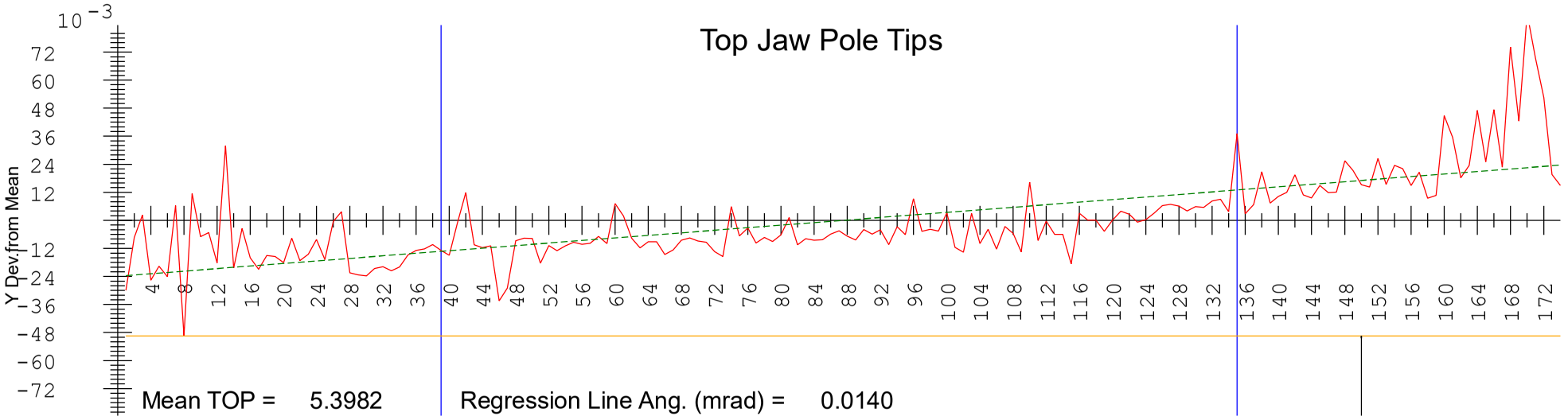
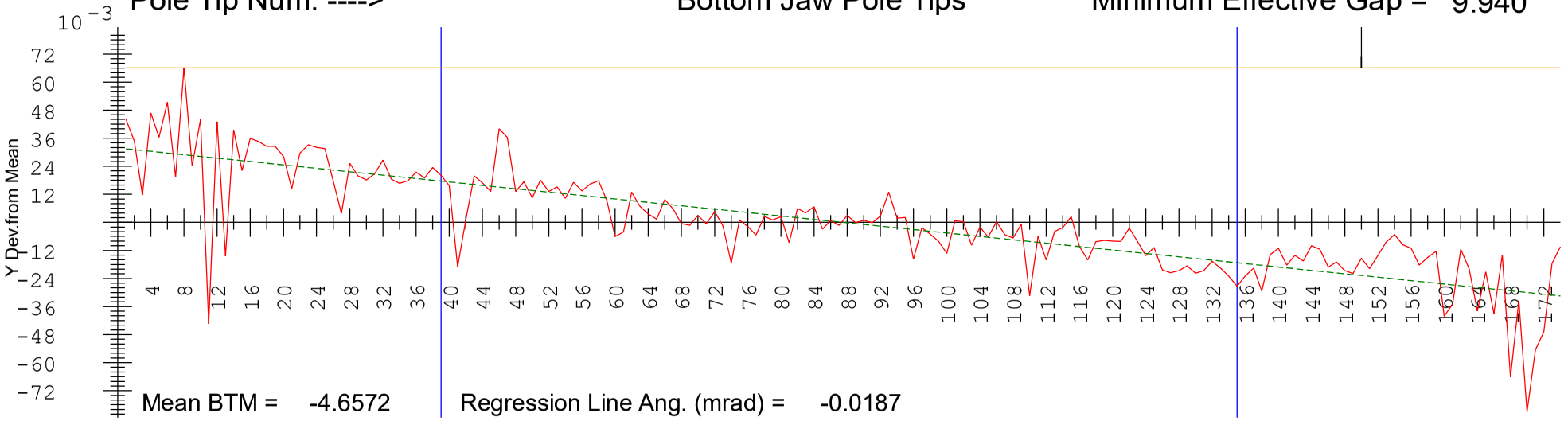


Pole Tip Num. ---->



Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

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

Dimensions in mm

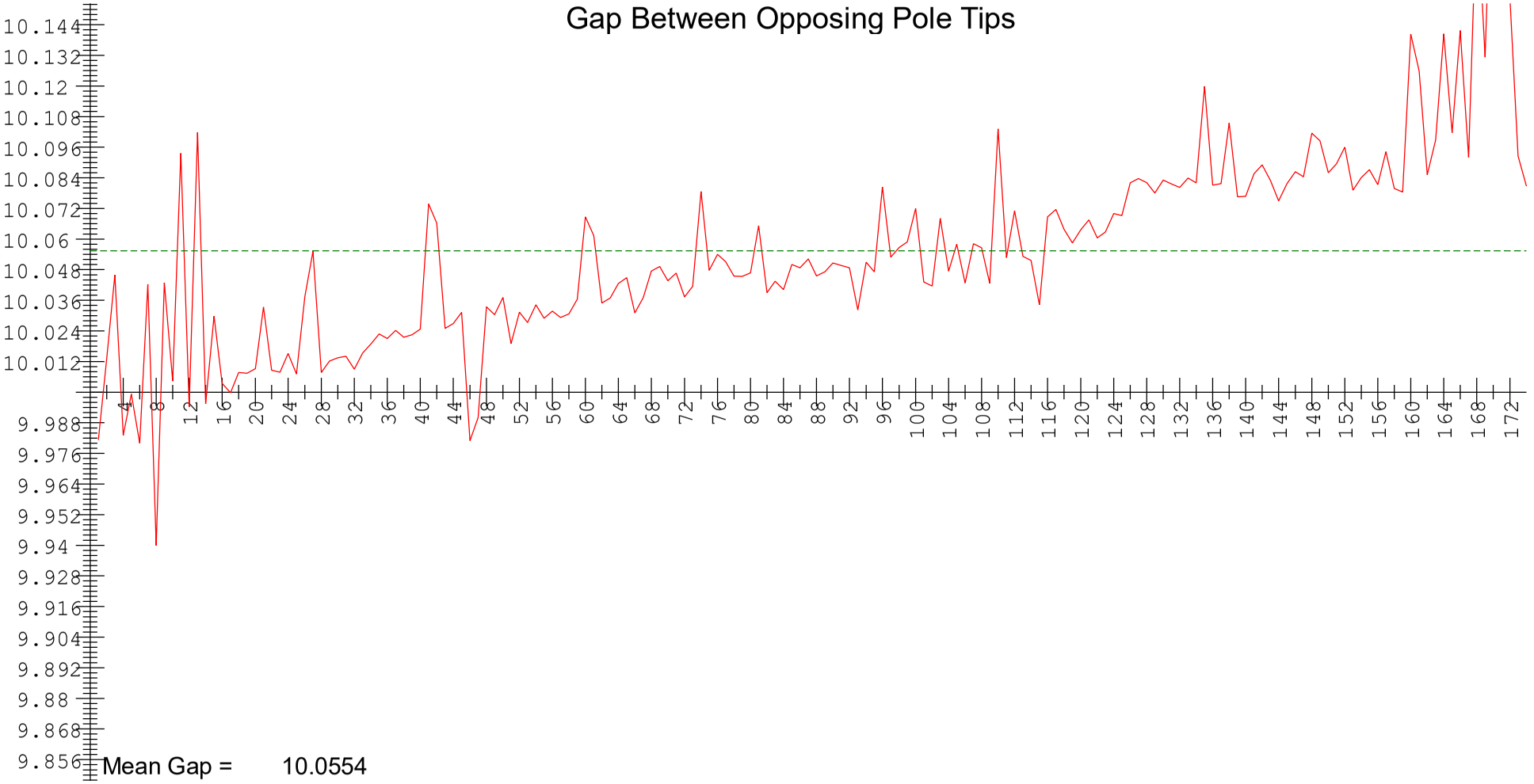
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.100

Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1000

10-AUG-2021
S/N = 021
D/S= 0002
Run= 12



Step Between Measured Pole Tips = 1

Dimensions in mm

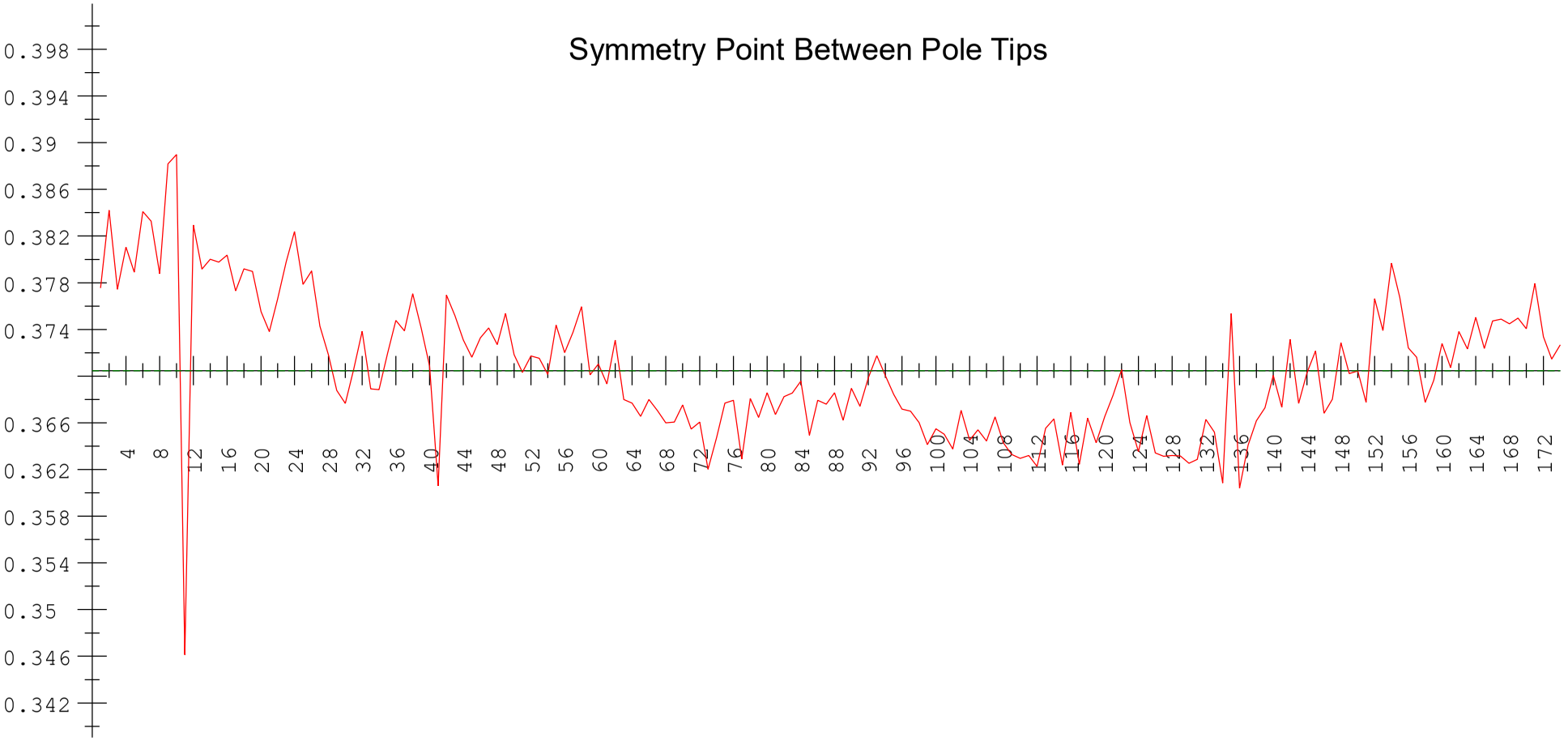
METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.100

Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1000

10-AUG-2021
S/N = 021
D/S= 0002
Run= 12



Mean Symmetry Value = 0.3705

Step Between Measured Pole Tips = 1

Dimensions in mm

METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.100

Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1000

10-AUG-2021
S/N = 021
D/S= 0002
Run= 12

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	5.3745	5.3849	5.4112	5.4218
Bottom	-4.6258	-4.6396	-4.6745	-4.6887
Gap	10.0003			10.1105
Taper				0.1102

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.3982	-4.6572	10.0554	0.3705

Additional Calculated Values

Bottom Pole #1 Z Value	980.195
Top Jaw Pitch (mrad)	0.014
Bottom Jaw Pitch(mrad)	-0.019
Minimum Effective Gap	9.940
Reference Block Gap	6.800

Dimensions in mm

METROLOGY

LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.100

Gap Reading = 10.0500 US Encoder = 10.0000 DS Encoder = 10.1000

10-AUG-2021
S/N = 021
D/S= 0002
Run= 12