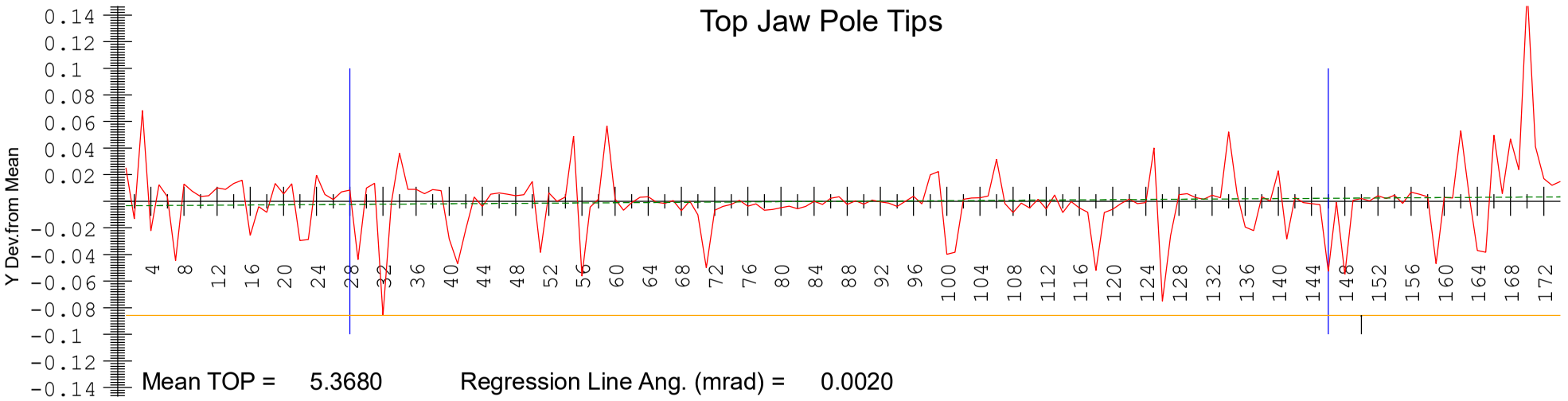
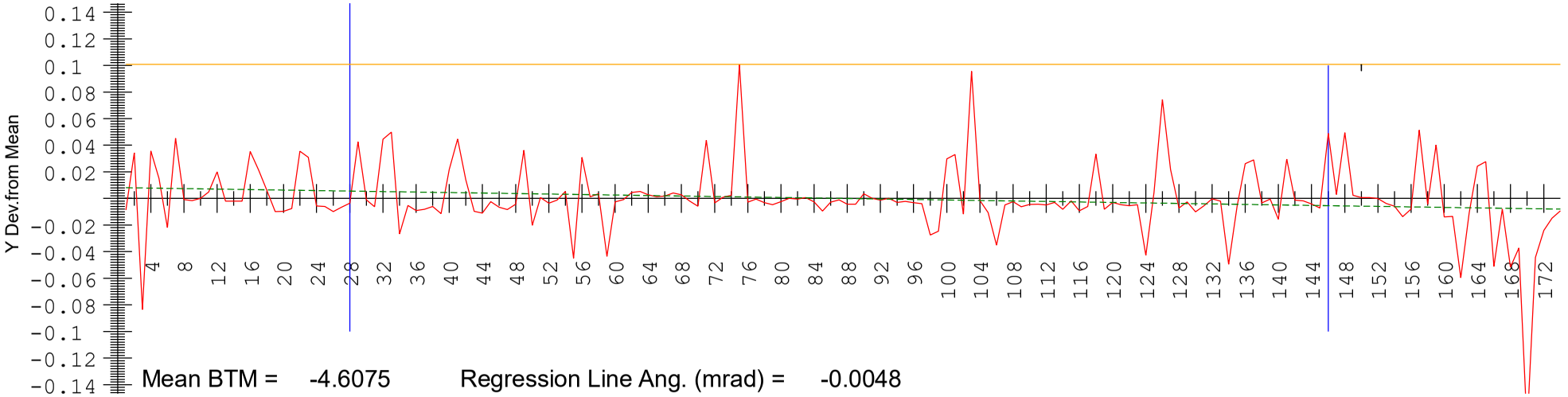


Mean TOP = 5.3680 Regression Line Ang. (mrad) = 0.0020

Pole Tip Num. ----> Bottom Jaw Pole Tips Minimum Effective Gap = 9.789



Mean BTM = -4.6075 Regression Line Ang. (mrad) = -0.0048

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

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

Dimensions in mm

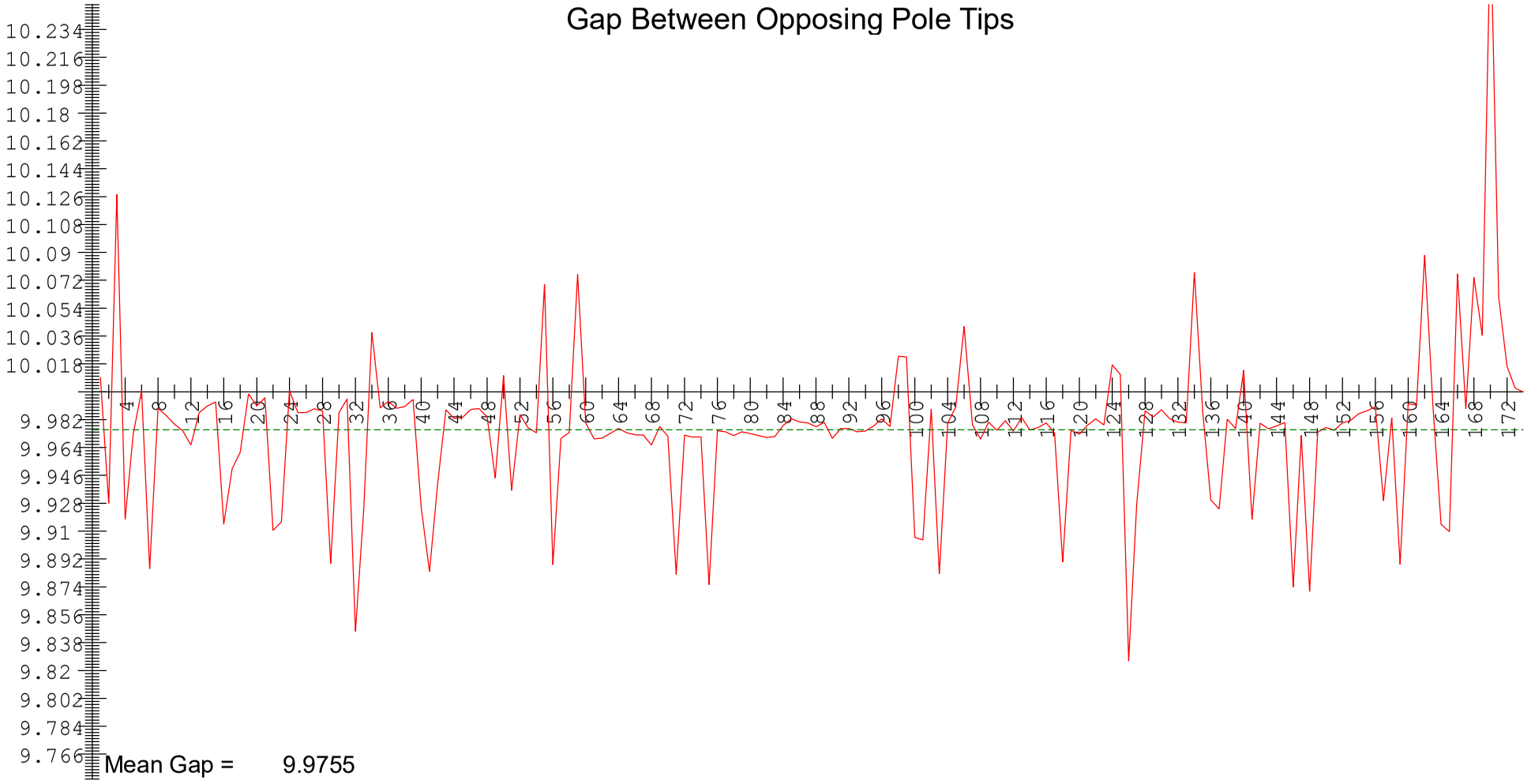
METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

18-APR-2025
S/N = 006
D/S= 0002
Run= 3



Step Between Measured Pole Tips = 1

Dimensions in mm

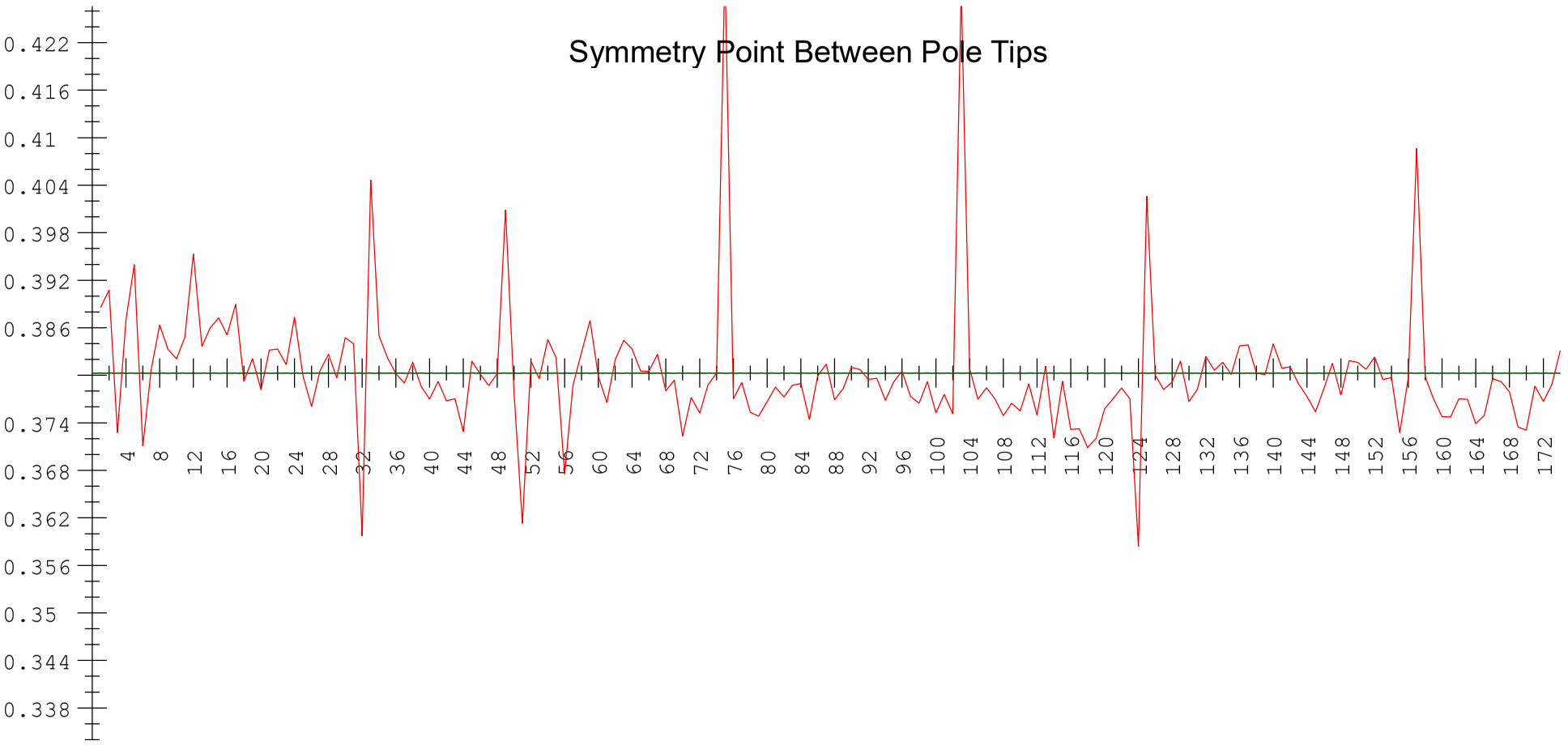
METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

18-APR-2025
S/N = 006
D/S= 0002
Run= 3



Mean Symmetry Value = 0.3803

Step Between Measured Pole Tips = 1

Dimensions in mm

METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

18-APR-2025
S/N = 006
D/S= 0002
Run= 3

Top and Bottom Jaw
Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 28)	DS Actuator (Pole 90)	Last Pole (Pole 118)
Top	5.3647	5.3657	5.3703	5.3713
Bottom	-4.5994	-4.6019	-4.6129	-4.6155
Gap	9.9641			9.9869
Taper				0.0228

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.3680	-4.6075	9.9755	0.3803

Additional Calculated Values

Bottom Pole #1 Z Value	983.086
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	-0.005
Minimum Effective Gap	9.789
Reference Block Gap	6.800

Dimensions in mm

METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

18-APR-2025
S/N = 006
D/S= 0002
Run= 3