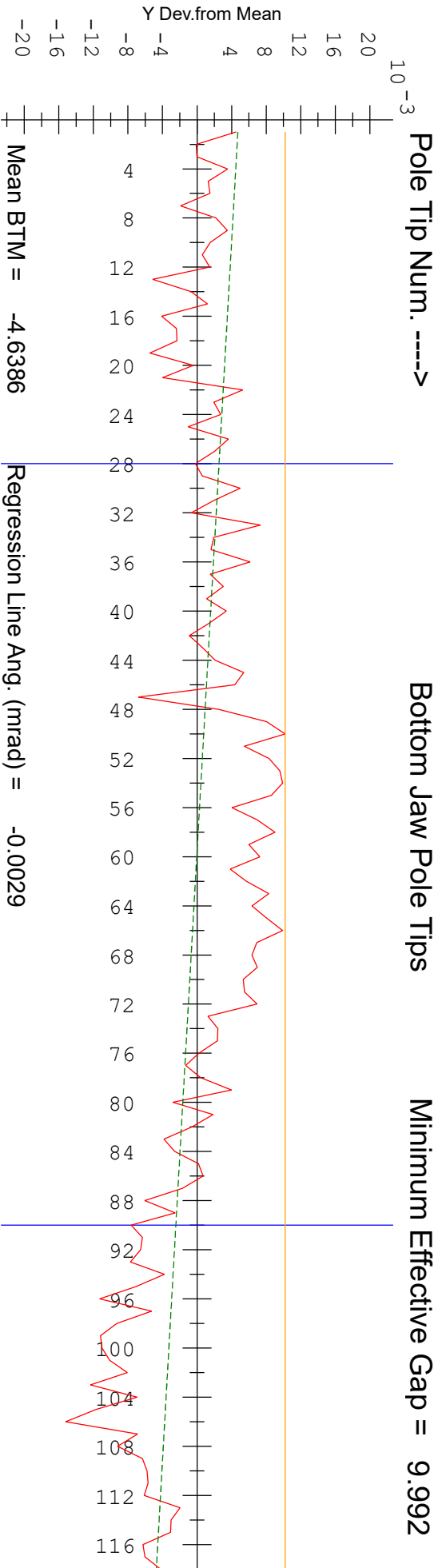
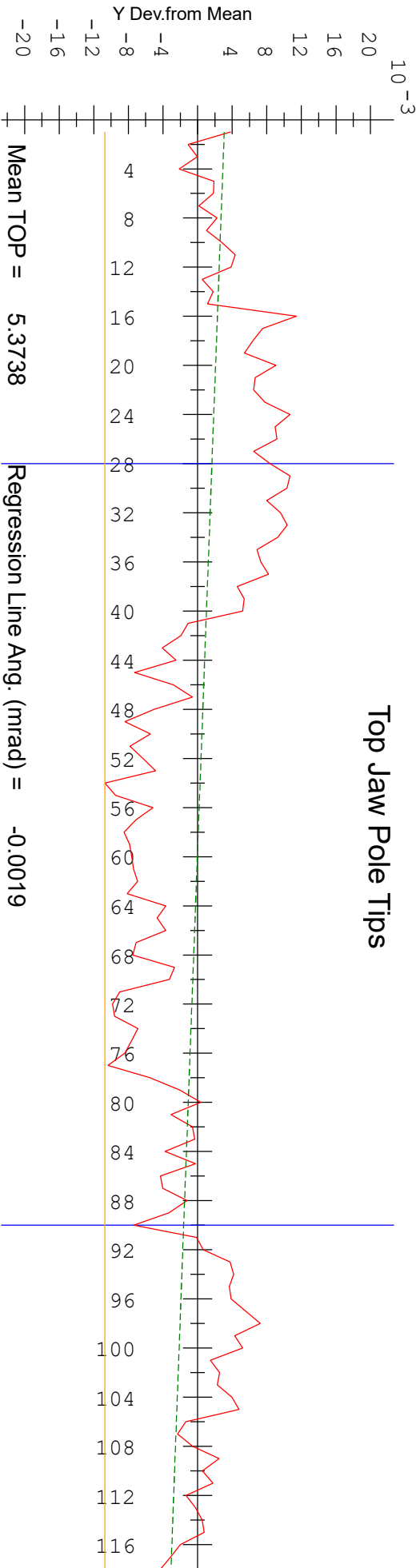




Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 1

Regression Line Through Points =
Dimensions in mm

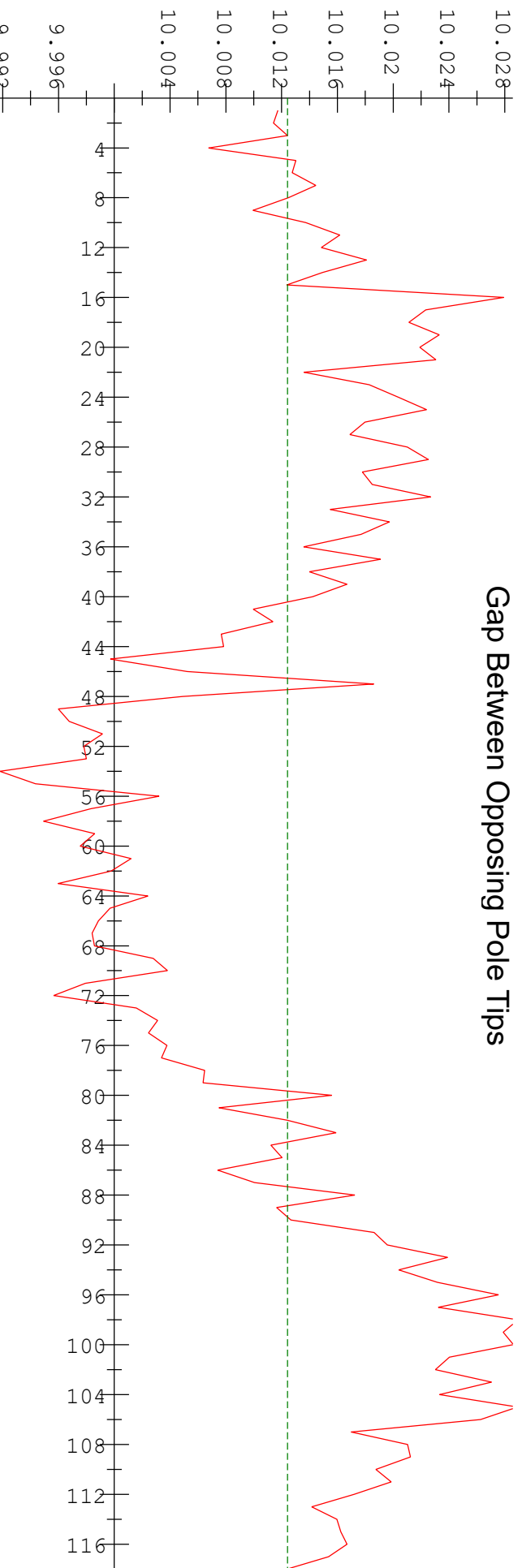


METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

13-JUL-2026
S/N = 011
D/S = 0001
Run = 1



Mean Gap = 10.0124

Step Between Measured Pole Tips = 1

Dimensions in mm

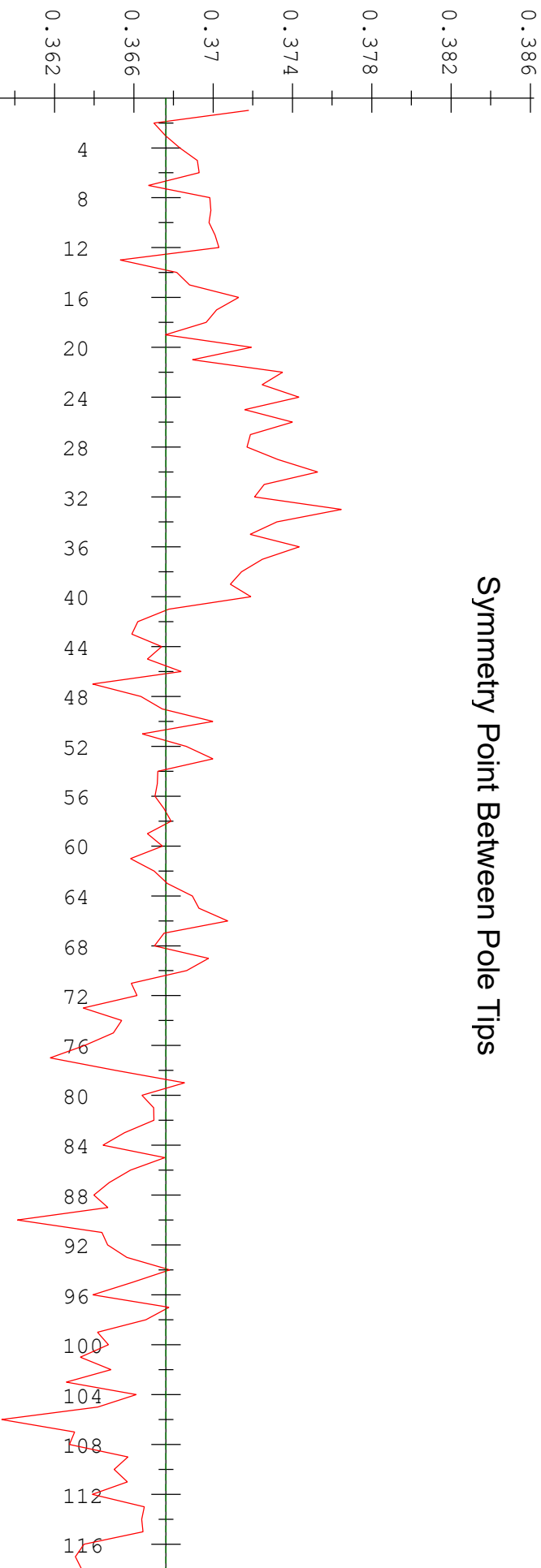


METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

13-JUL-2026
S/N = 011
D/S = 0001
Run = 1



Mean Symmetry Value = 0.3676

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

13-JUL-2026
S/N = 011
D/S = 0001
Run = 1

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	5.3769	5.3755	5.3722	5.3708
Bottom	-4.6339	-4.6361	-4.6410	-4.6433
Gap	10.0108			10.0141
Taper				0.0033

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.3738	-4.6386	10.0124	0.3676

Additional Calculated Values

Bottom Pole #1 Z Value	978.373
Top Jaw Pitch (mrad)	-0.002
Bottom Jaw Pitch(mrad)	-0.003
Minimum Effective Gap	9.992
Reference Block Gap	6.796

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

13-JUL-2026
S/N = 011
D/S= 0001
Run= 1