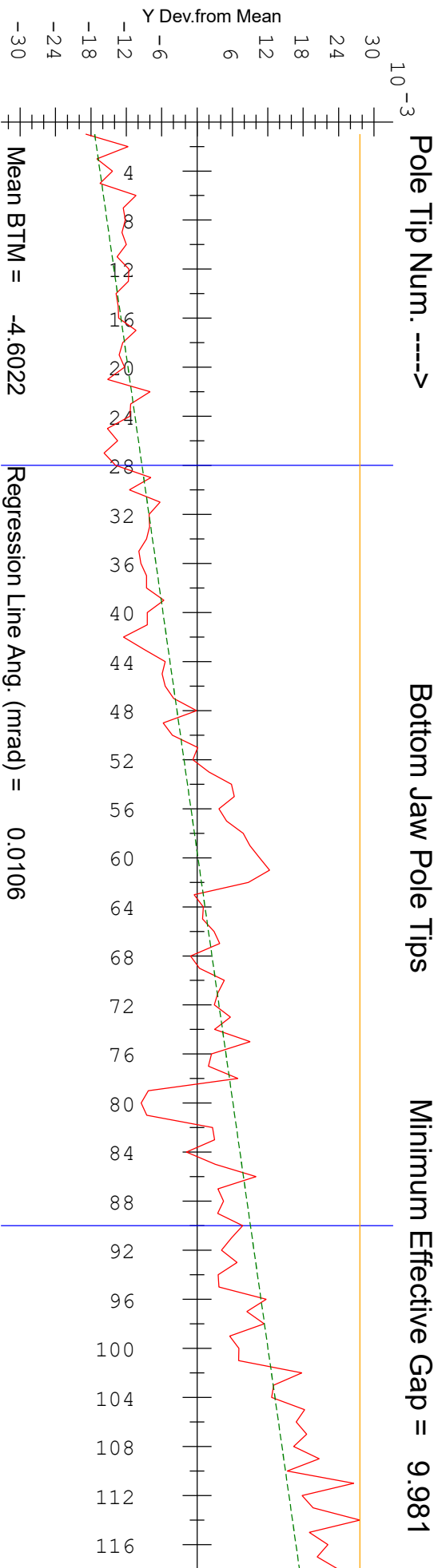
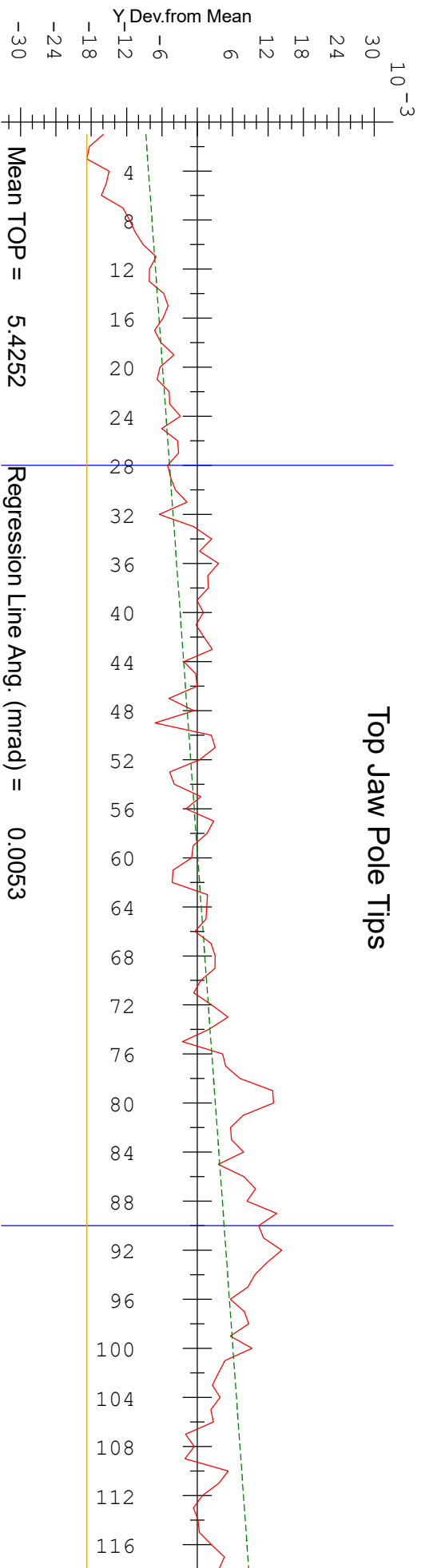




Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 1

Regression Line Through Points =
Dimensions in mm

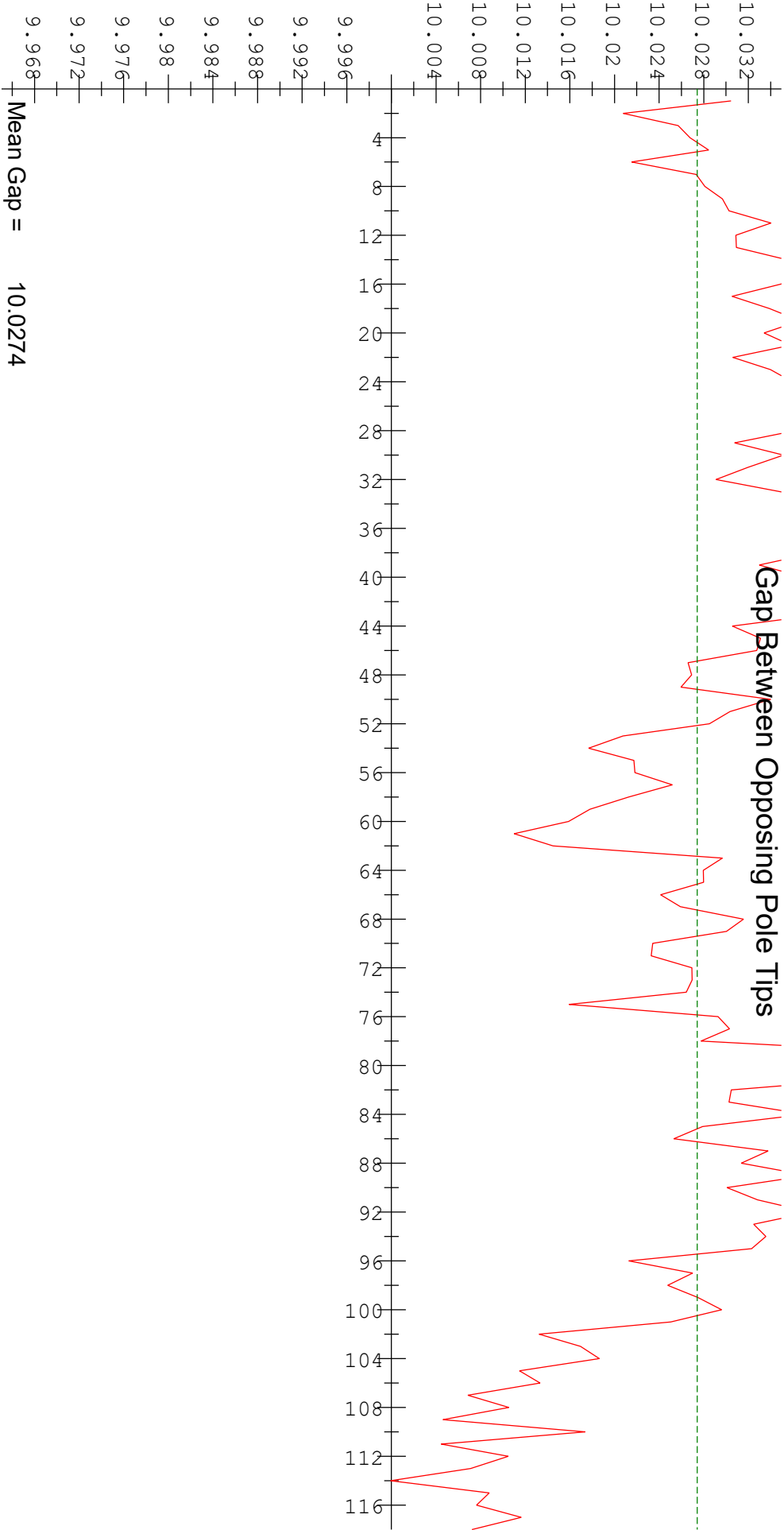


METROLOGY

LCLS II-HE - SXR Undulator

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

24-SEP-2026
S/N = 016
D/S = 0001
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

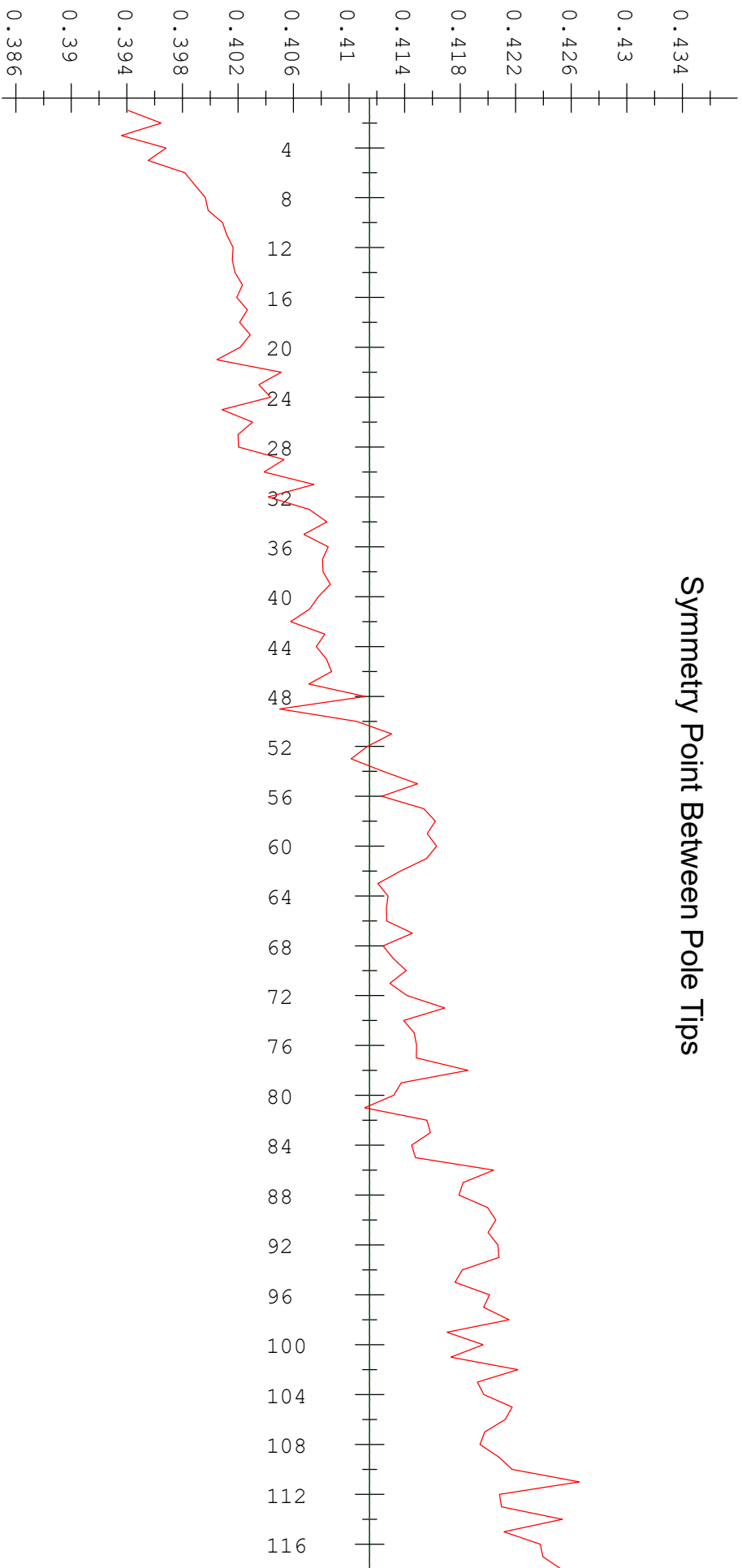
DS Encoder = 10.0000

24-SEP-2026

S/N = 016

D/S = 0001

Run = 3



Mean Symmetry Value = 0.4115

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

24-SEP-2026
S/N = 016
D/S = 0001
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	5.4165	5.4205	5.4297	5.4339
Bottom	-4.6196	-4.6116	-4.5932	-4.5849
Gap	10.0361			10.0188
Taper				-0.0173

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.4252	-4.6022	10.0274	0.4115

Additional Calculated Values

Bottom Pole #1 Z Value	978.089
Top Jaw Pitch (mrad)	0.005
Bottom Jaw Pitch(mrad)	0.011
Minimum Effective Gap	9.981
Reference Block Gap	6.798

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

24-SEP-2026
S/N = 016
D/S= 0001
Run= 3