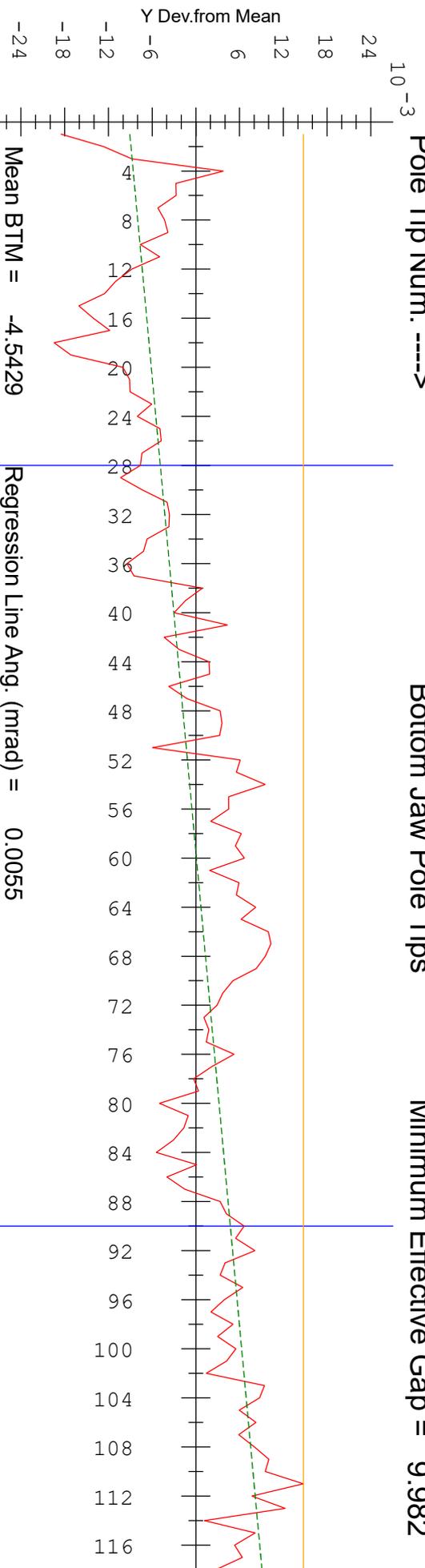
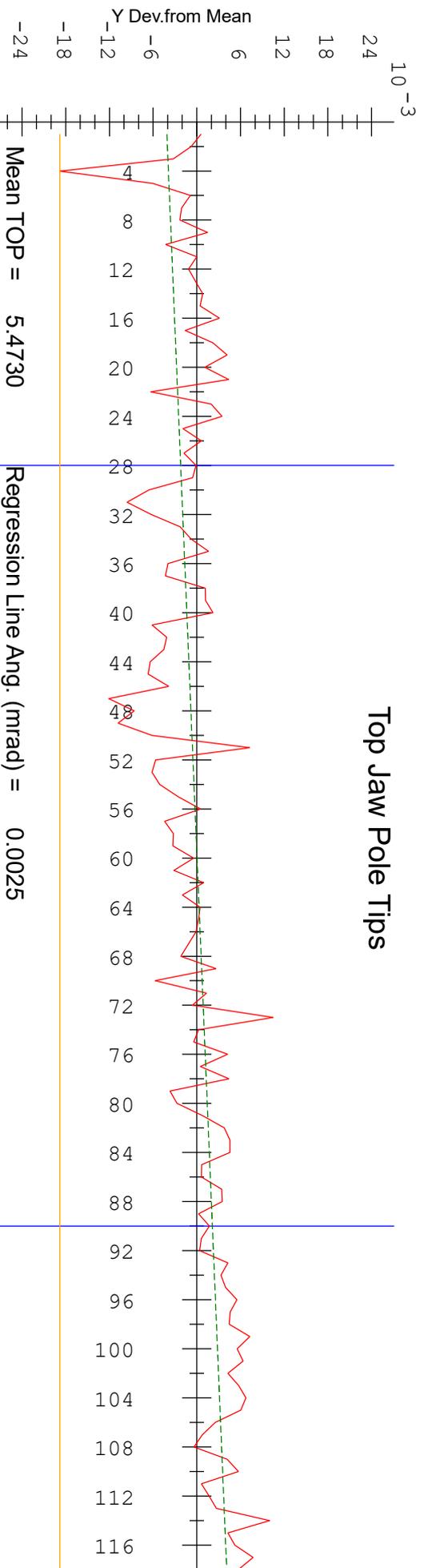


Top Jaw Pole Tips



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

Regression Line Through Points = 3
Dimensions in mm

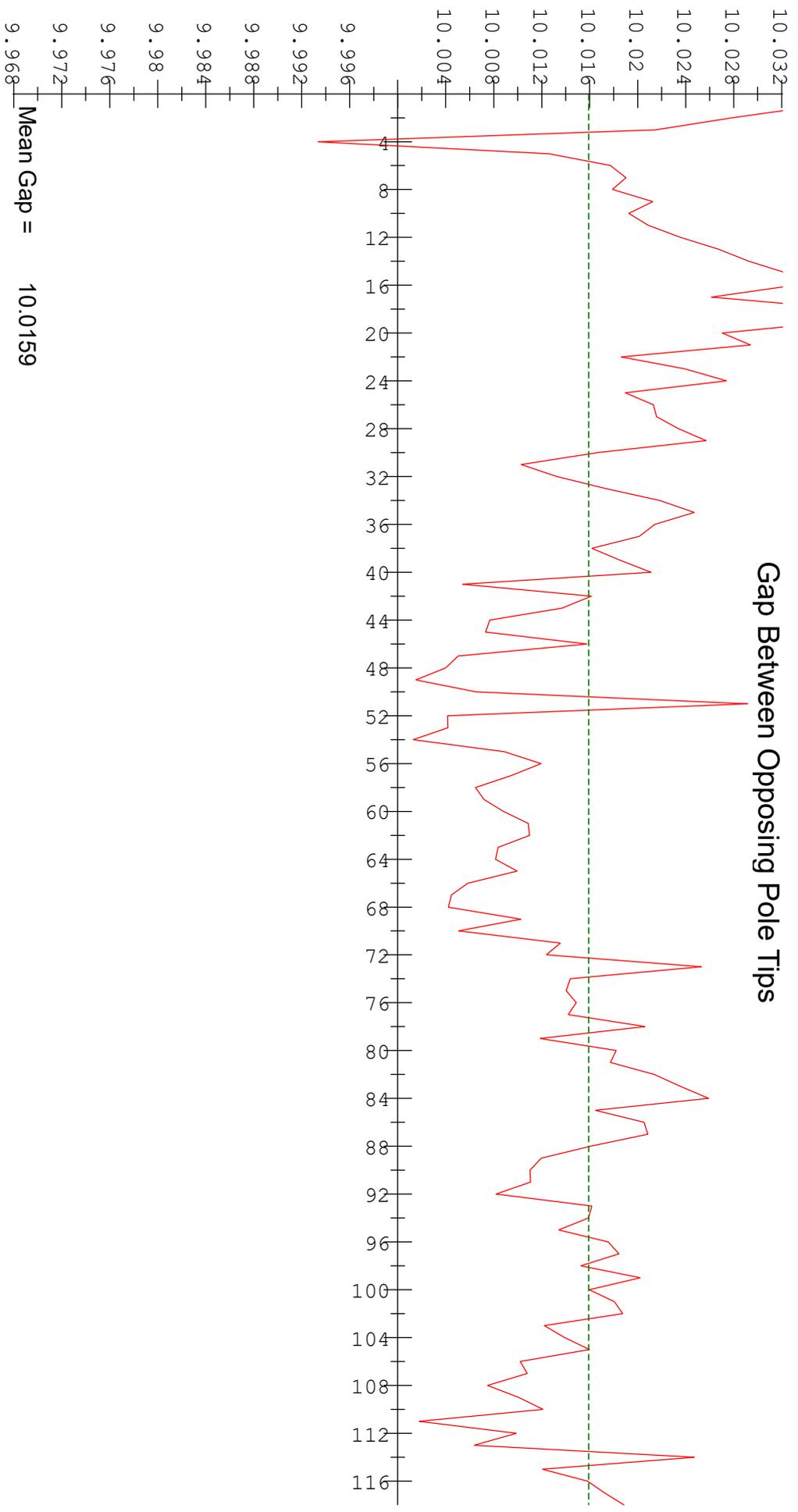


METROLOGY

LCLS II-HE - SXR Undulator

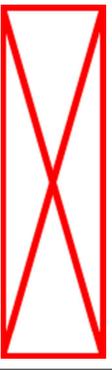
Nominal Gap = 10 Nominal Taper = 0.000
Gap Reading = 10.0002 US Encoder = 10.0001 DS Encoder = 10.0003

25-FEB-2026
S/N = 005
D/S = 0001
Run = 3



Step Between Measured Pole Tips = 1

Dimensions in mm



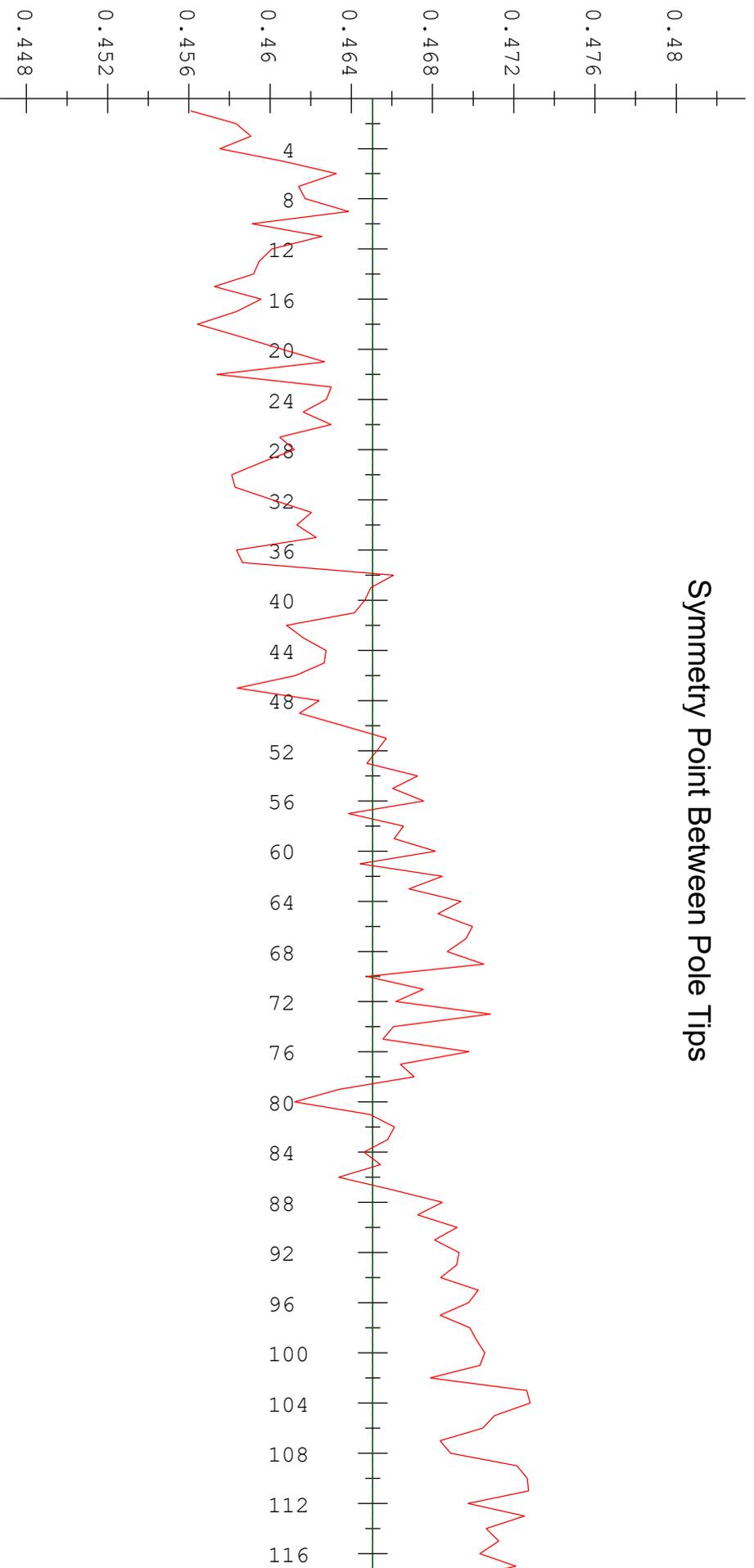
METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0002 US Encoder = 10.0001 DS Encoder = 10.0003

25-FEB-2026
 S/N = 005
 D/S = 0001
 Run = 3

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.4651

Step Between Measured Pole Tips = 1

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
Gap Reading = 10.0002 US Encoder = 10.0001 DS Encoder = 10.0003

25-FEB-2026
S/N = 005
D/S = 0001
Run = 3

Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole <i>(Pole -1)</i>	US Actuator <i>(Pole 28)</i>	DS Actuator <i>(Pole 90)</i>	Last Pole <i>(Pole 118)</i>
Top	5.4689	5.4708	5.4752	5.4771
Bottom	-4.5520	-4.5478	-4.5382	-4.5338
Gap	10.0209			10.0110
Taper				-0.0099

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.4730	-4.5429	10.0159	0.4651

Additional Calculated Values

Bottom Pole #1 Z Value	978.811
Top Jaw Pitch (mrad)	0.003
Bottom Jaw Pitch(mrad)	0.006
Minimum Effective Gap	9.982
Reference Block Gap	6.800

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0002 US Encoder = 10.0001 DS Encoder = 10.0003

25-FEB-2026
 S/N = 005
 D/S = 0001
 Run = 3