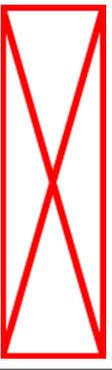


Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 1

Regression Line Through Points = -----
Dimensions in mm



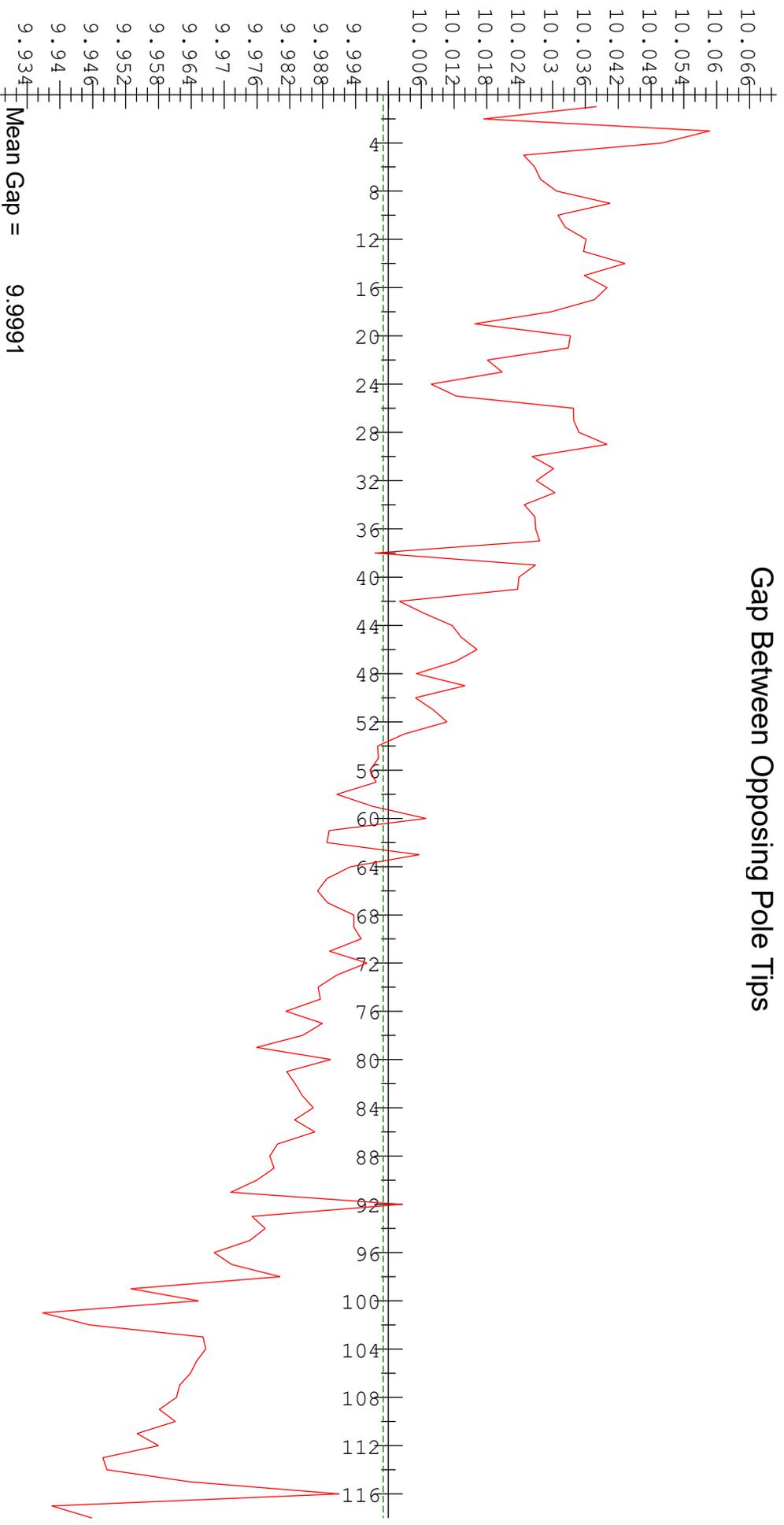
METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = -0.100
Gap Reading = 9.9499 US Encoder = 10.0000 DS Encoder = 9.9000

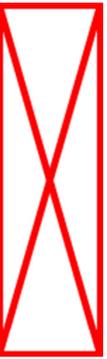
18-FEB-2026
S/N = 017
D/S = 0001
Run = 3

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10

Gap Reading = 9.9499

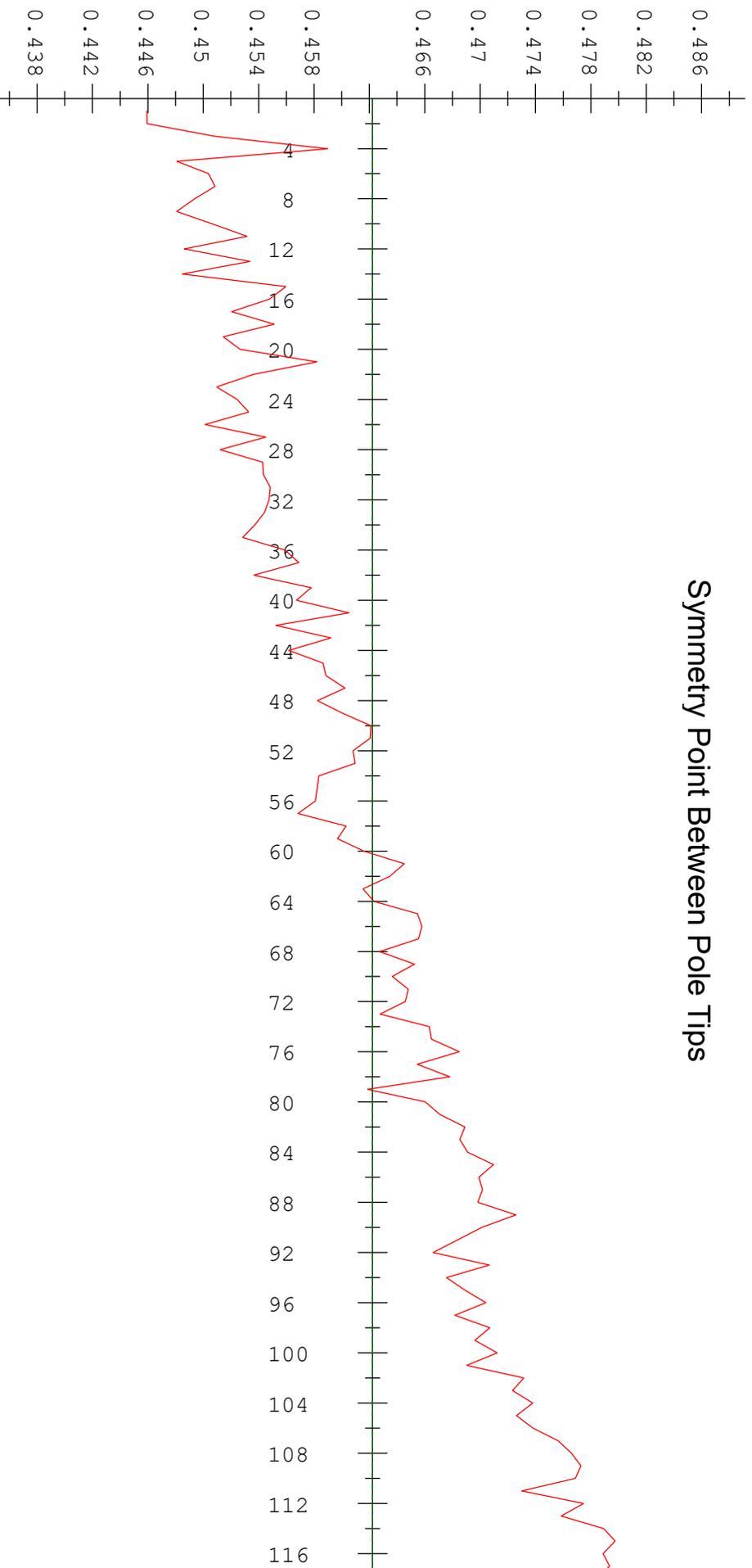
US Encoder = 10.0000

DS Encoder = 9.9000

Nominal Taper = -0.100

18-FEB-2026
S/N = 017
D/S = 0001
Run = 3

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.4622

Step Between Measured Pole Tips = 1

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10

Gap Reading = 9.9499

US Encoder = 10.0000

Nominal Taper = -0.100

DS Encoder = 9.9000

18-FEB-2026

S/N = 017

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	5.4698	5.4661	5.4575	5.4537
Bottom	-4.5743	-4.5572	-4.5180	-4.5003
Gap	10.0441			9.9540
Taper				-0.0901

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.4618	-4.5373	9.9991	0.4622

Additional Calculated Values

Bottom Pole #1 Z Value	978.833
Top Jaw Pitch (mrad)	-0.005
Bottom Jaw Pitch(mrad)	0.023
Minimum Effective Gap	9.927
Reference Block Gap	6.798

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = -0.100
 Gap Reading = 9.9499 US Encoder = 10.0000 DS Encoder = 9.9000

18-FEB-2026
 S/N = 017
 D/S = 0001
 Run = 3