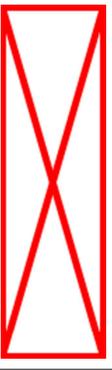


Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 1

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

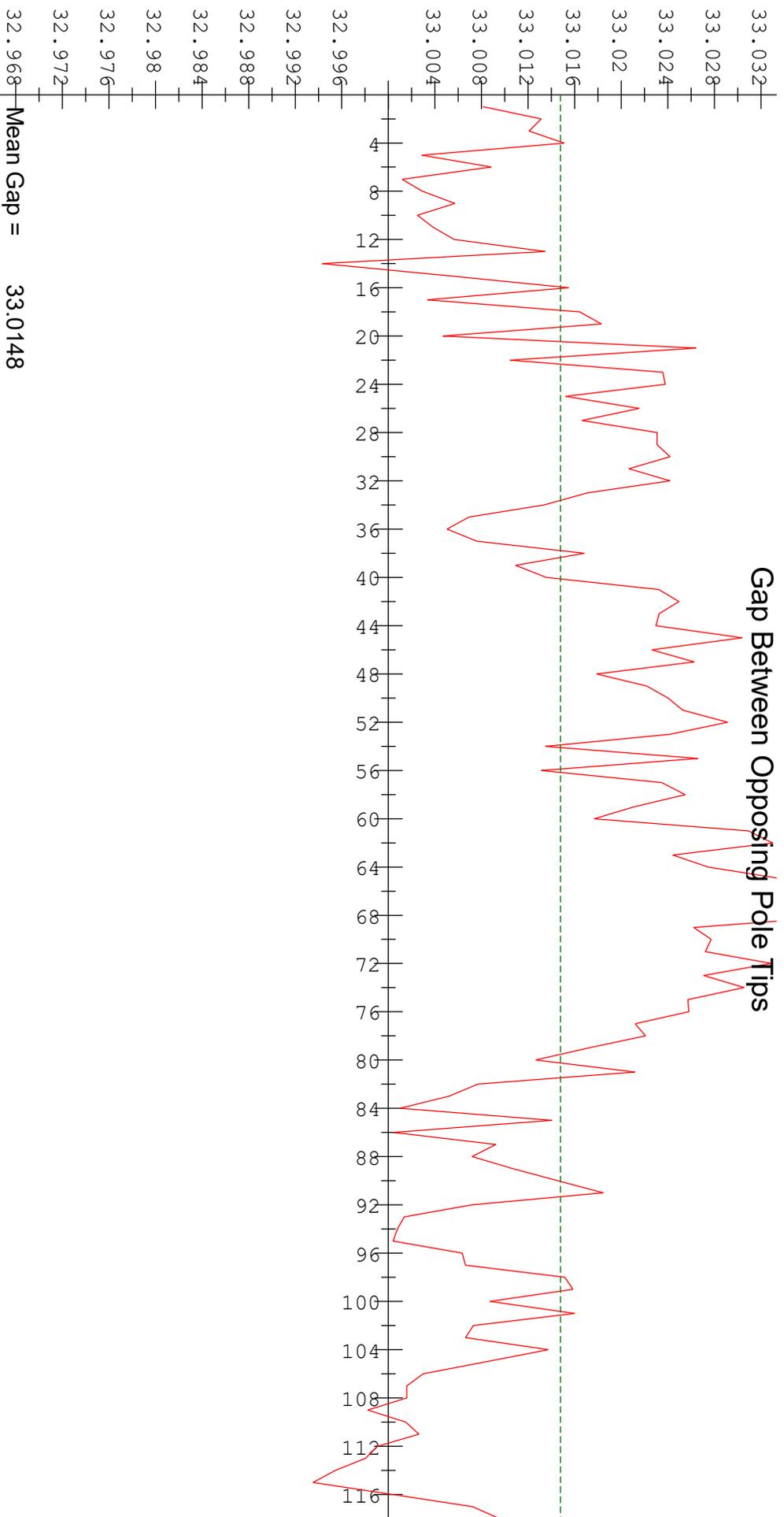


METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 33 Nominal Taper = 0.000
Gap Reading = 33.0000 US Encoder = 33.0001 DS Encoder = 33.0000

30-AUG-2022
S/N = 000
D/S = 0001
Run = 11



Step Between Measured Pole Tips = 1

Dimensions in mm

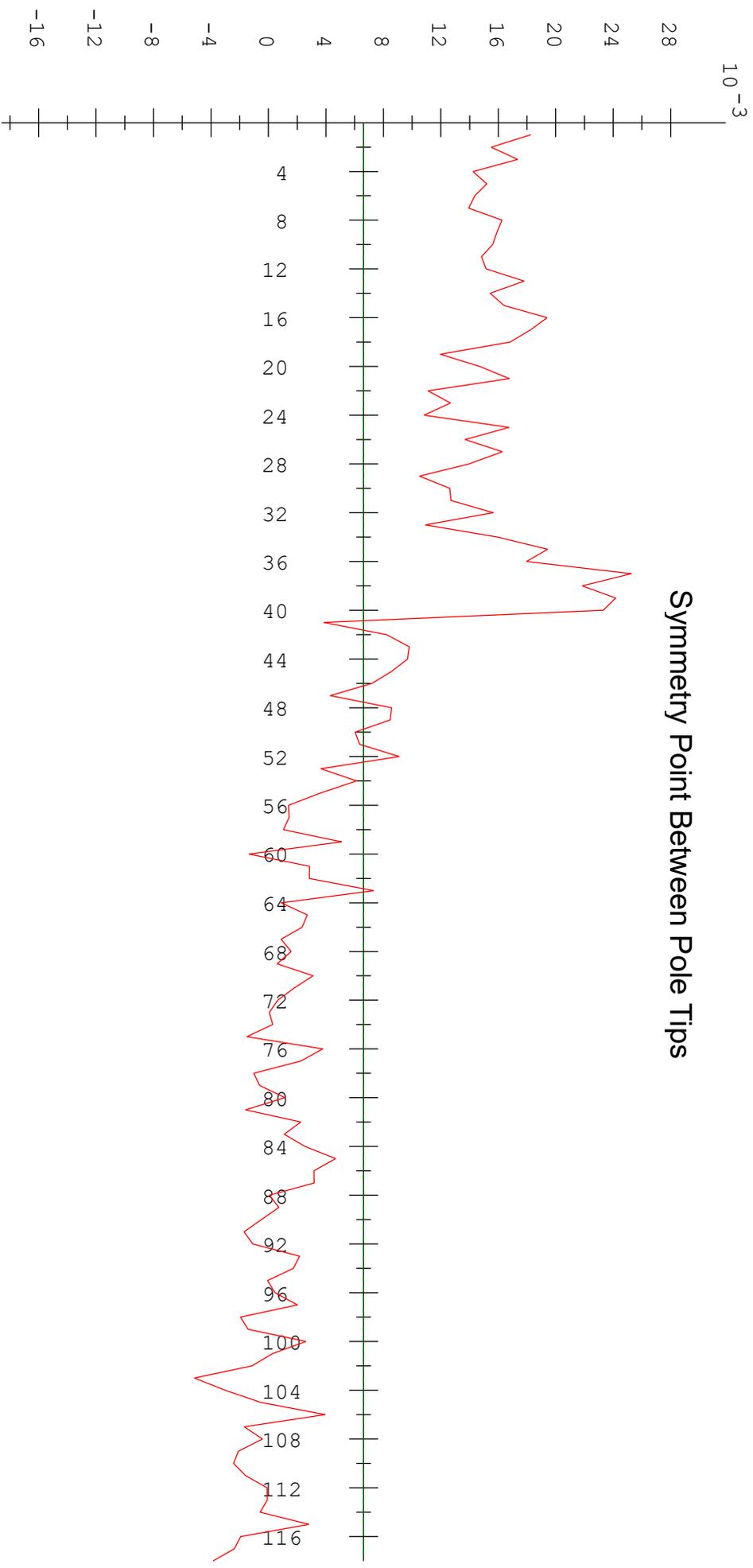


METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 33 Nominal Taper = 0.000
 Gap Reading = 33.0000 US Encoder = 33.0001 DS Encoder = 33.0000

30-AUG-2022
 S/N = 000
 D/S = 0001
 Run = 11

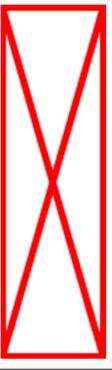


Symmetry Point Between Pole Tips

Mean Symmetry Value = 0.0066

Step Between Measured Pole Tips = 1

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 33 Nominal Taper = 0.000
 Gap Reading = 33.0000 US Encoder = 33.0001 DS Encoder = 33.0000

30-AUG-2022
 S/N = 000
 D/S = 0001
 Run = 11

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	16.5269	16.5210	16.5073	16.5011
Bottom	-16.4914	-16.4957	-16.5056	-16.5101
Gap	33.0183			33.0112
Taper				-0.0071

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
16.5140	-16.5008	33.0148	0.0066

Additional Calculated Values

Bottom Pole #1 Z Value	974.854
Top Jaw Pitch (mrad)	-0.008
Bottom Jaw Pitch(mrad)	-0.006
Minimum Effective Gap	32.976
Reference Block Gap	6.801

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 33 US Encoder = 33.0001 DS Encoder = 33.0000
 Gap Reading = 33.0000 Nominal Taper = 0.000

30-AUG-2022
 S/N = 000
 D/S = 0001
 Run = 11