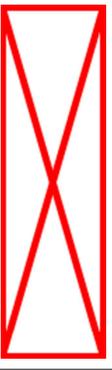


Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 1

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



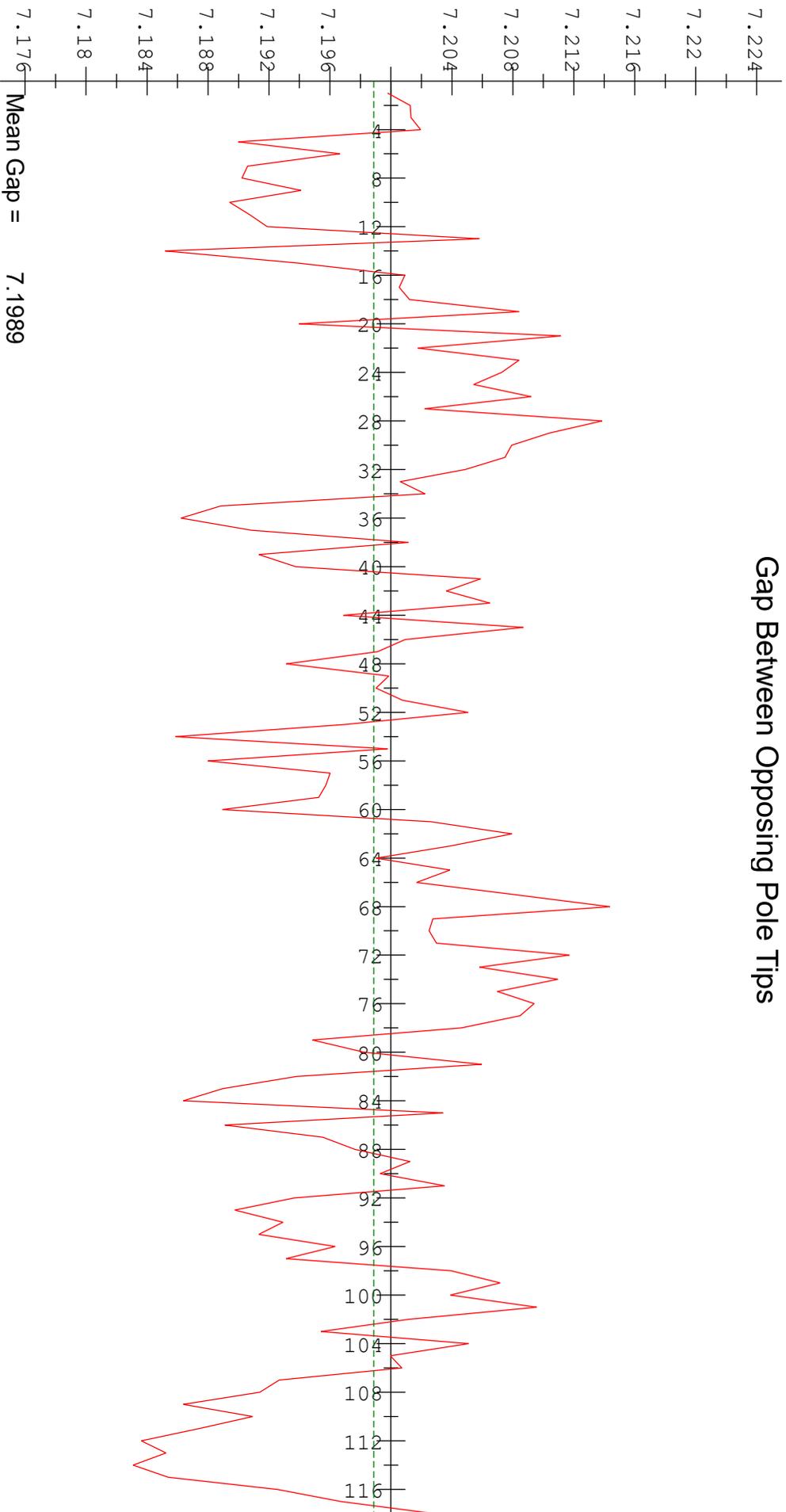
METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 7.2 Nominal Taper = 0.000
Gap Reading = 7.2000 US Encoder = 7.2000 DS Encoder = 7.2000

30-AUG-2022
S/N = 000
D/S = 0001
Run = 8

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

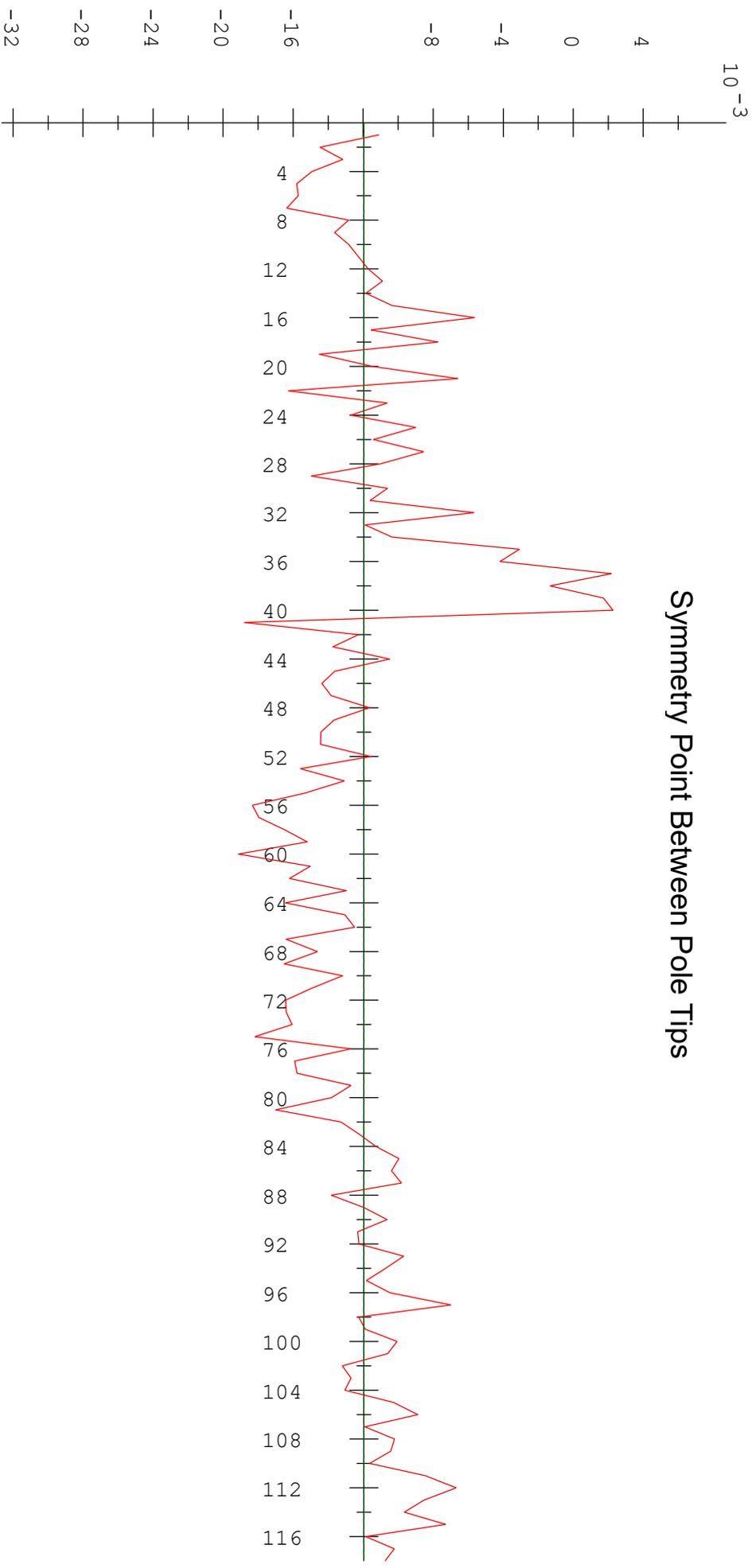


METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 7.2
Nominal Taper = 0.000
Gap Reading = 7.2000
US Encoder = 7.2000
DS Encoder = 7.2000

30-AUG-2022
S/N = 000
D/S = 0001
Run = 8

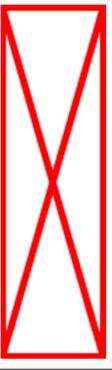


Symmetry Point Between Pole Tips

Mean Symmetry Value = -0.0120

Step Between Measured Pole Tips = 1

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 7.2 Nominal Taper = 0.000
 Gap Reading = 7.2000 US Encoder = 7.2000 DS Encoder = 7.2000

30-AUG-2022
 S/N = 000
 D/S = 0001
 Run = 8

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	3.5884	3.5880	3.5870	3.5865
Bottom	-3.6126	-3.6120	-3.6108	-3.6102
Gap	7.2010			7.1967
Taper				-0.0043

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.5875	-3.6114	7.1989	-0.0120

Additional Calculated Values

Bottom Pole #1 Z Value	974.854
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	7.169
Reference Block Gap	6.801

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 7.2 Nominal Taper = 0.000
 Gap Reading = 7.2000 US Encoder = 7.2000 DS Encoder = 7.2000

30-AUG-2022
 S/N = 000
 D/S = 0001
 Run = 8