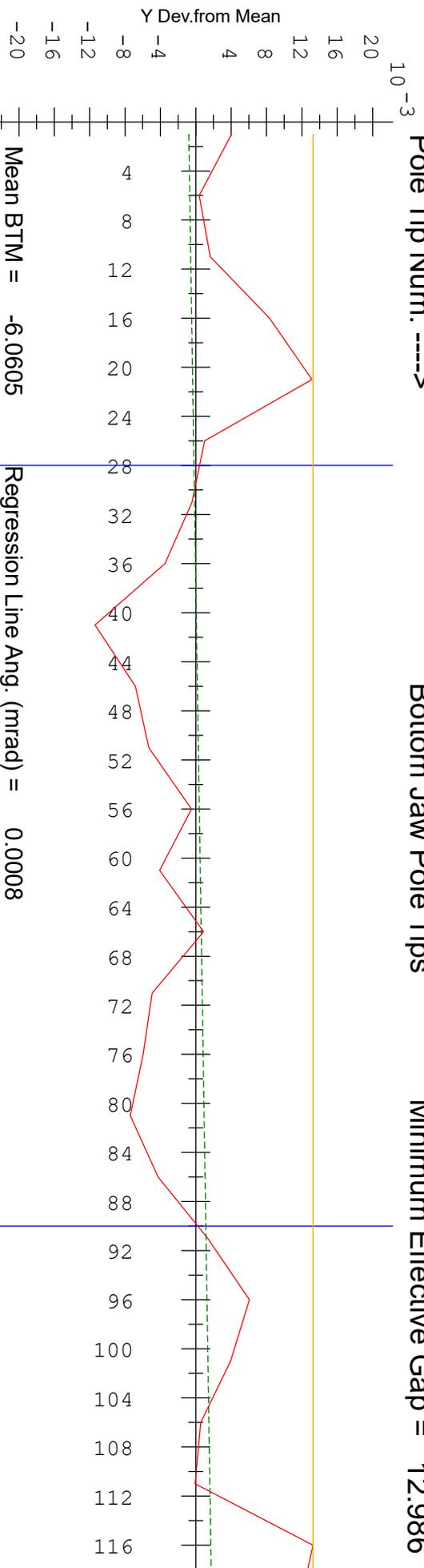
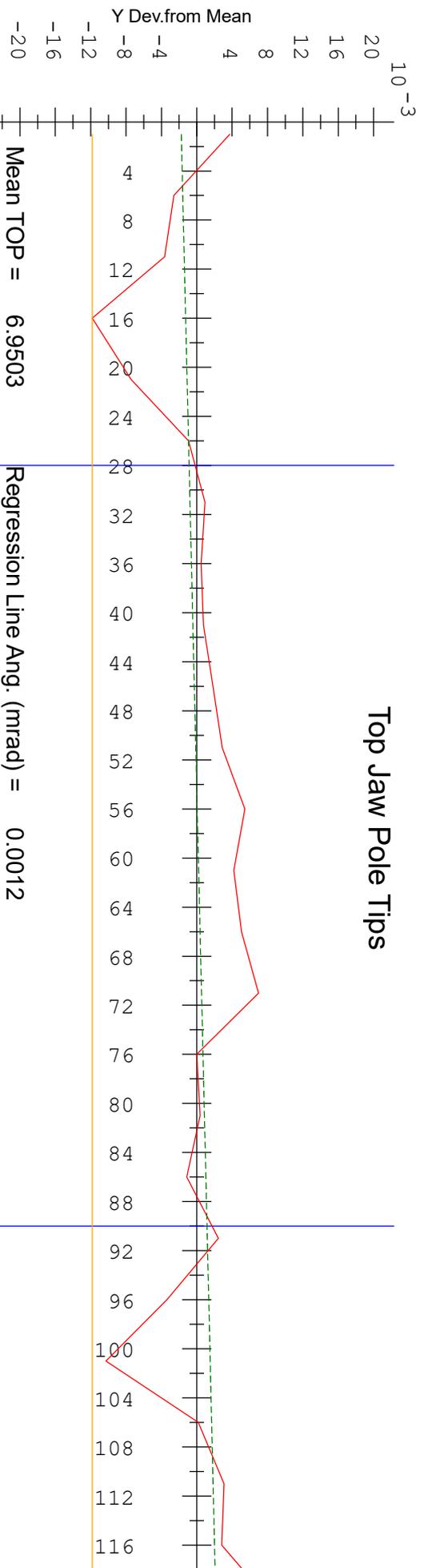


Top Jaw Pole Tips



Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 5

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

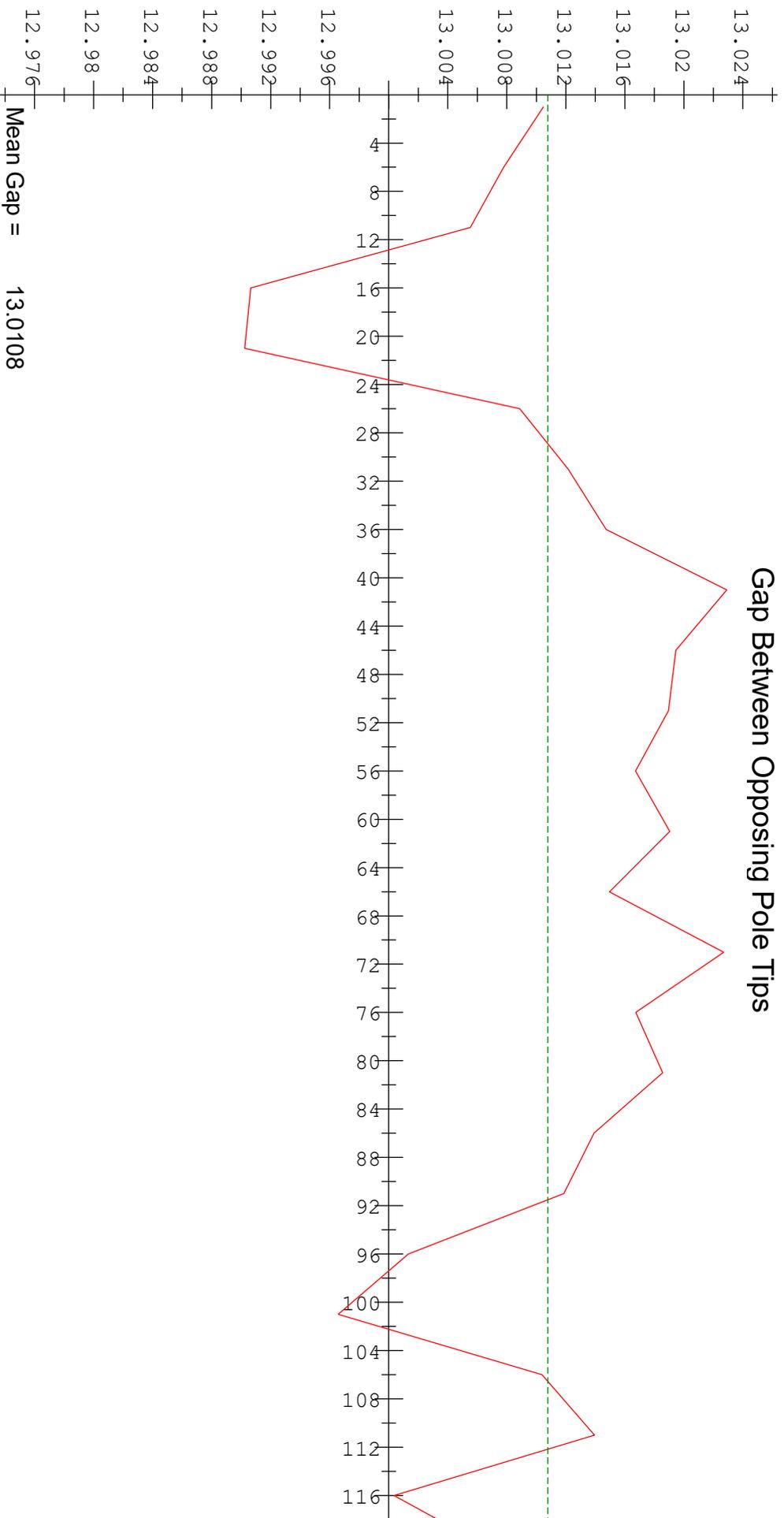


METROLOGY

LCLS II-HE - SXR Undulator

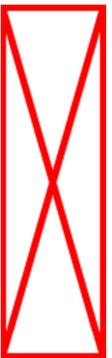
Nominal Gap = 13
 Gap Reading = 13.0000
 US Encoder = 13.0000
 Nominal Taper = 0.000
 DS Encoder = 13.0000

23-SEP-2024
 S/N = 024
 D/S = 0001
 Run = 8



Step Between Measured Pole Tips = 5

Dimensions in mm



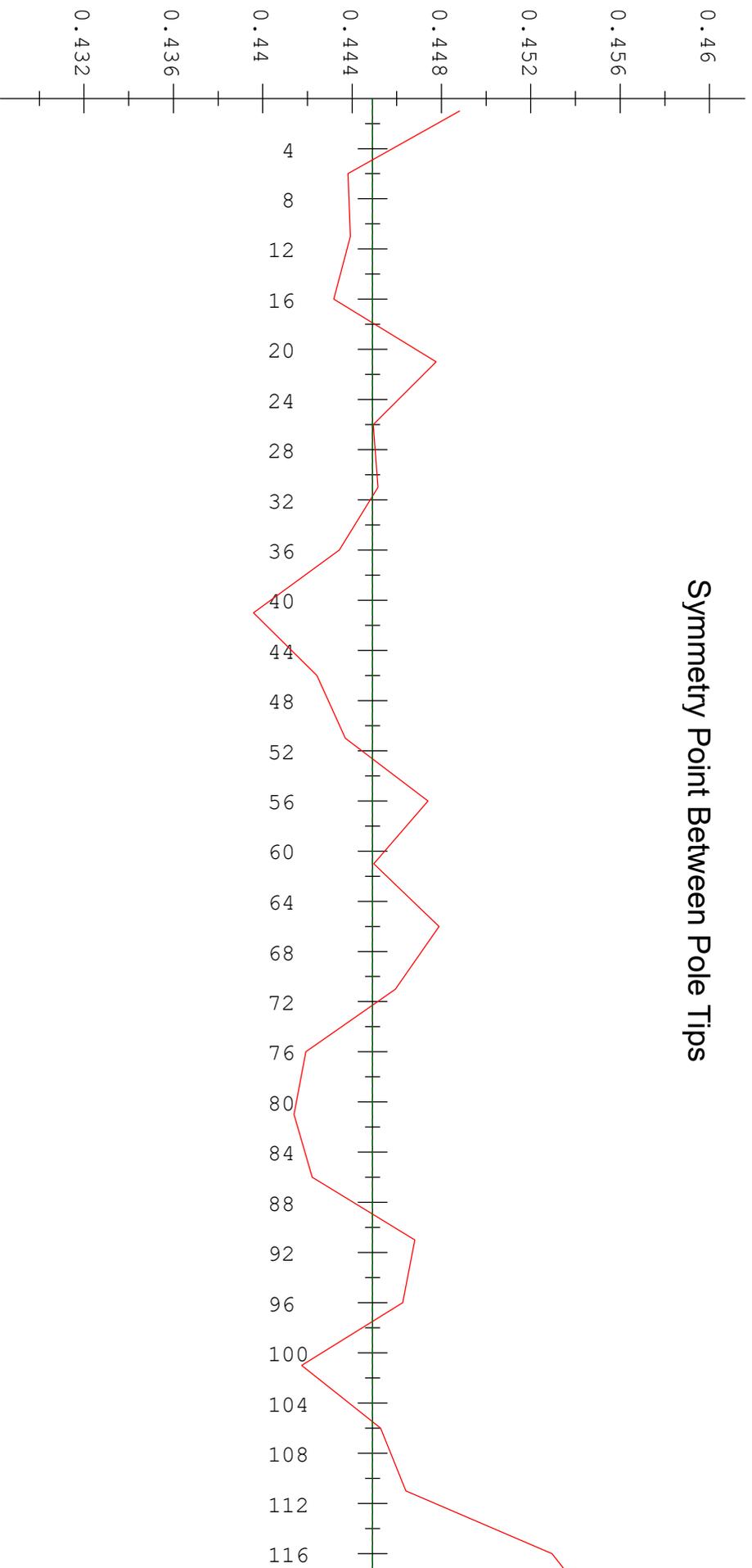
METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 13 Nominal Taper = 0.000
 Gap Reading = 13.0000 US Encoder = 13.0000 DS Encoder = 13.0000

23-SEP-2024
 S/N = 024
 D/S = 0001
 Run = 8

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.4449

Step Between Measured Pole Tips = 5

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 13 Nominal Taper = 0.000
Gap Reading = 13.0000 US Encoder = 13.0000 DS Encoder = 13.0000

23-SEP-2024
S/N = 024
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	6.9486	6.9494	6.9515	6.9524
Bottom	-6.0613	-6.0607	-6.0593	-6.0587
Gap	13.0098			13.0111
Taper				0.0013

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.9503	-6.0605	13.0108	0.4449

Additional Calculated Values

Bottom Pole #1 Z Value	978.595
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	12.986
Reference Block Gap	6.799

Dimensions in mm



METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 13 US Encoder = 13.0000 Nominal Taper = 0.000
 Gap Reading = 13.0000 DS Encoder = 13.0000

23-SEP-2024
 S/N = 024
 D/S = 0001
 Run = 8