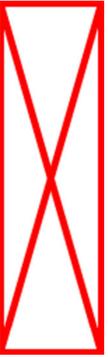
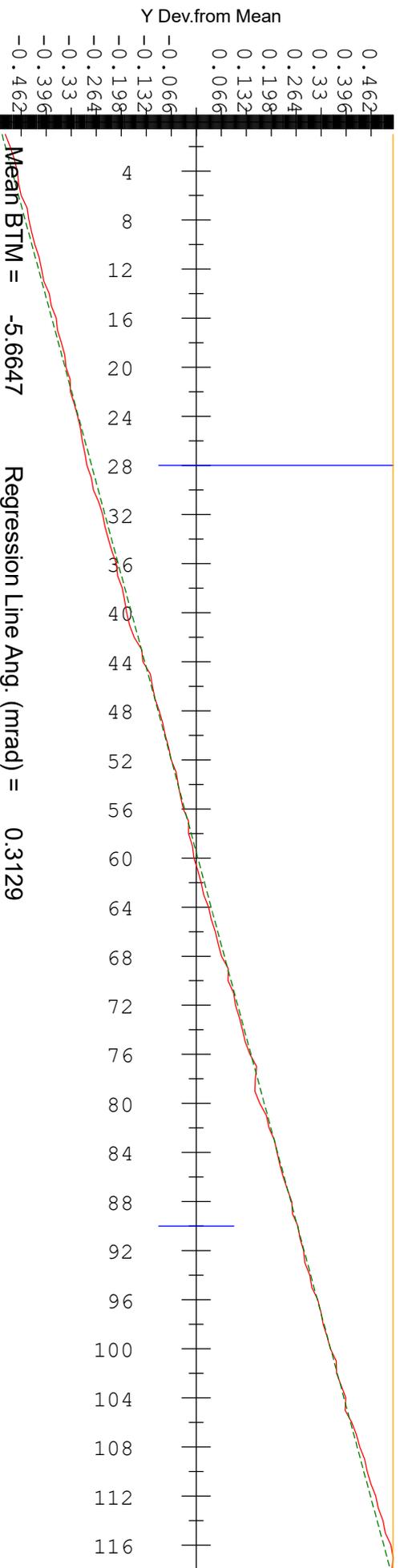
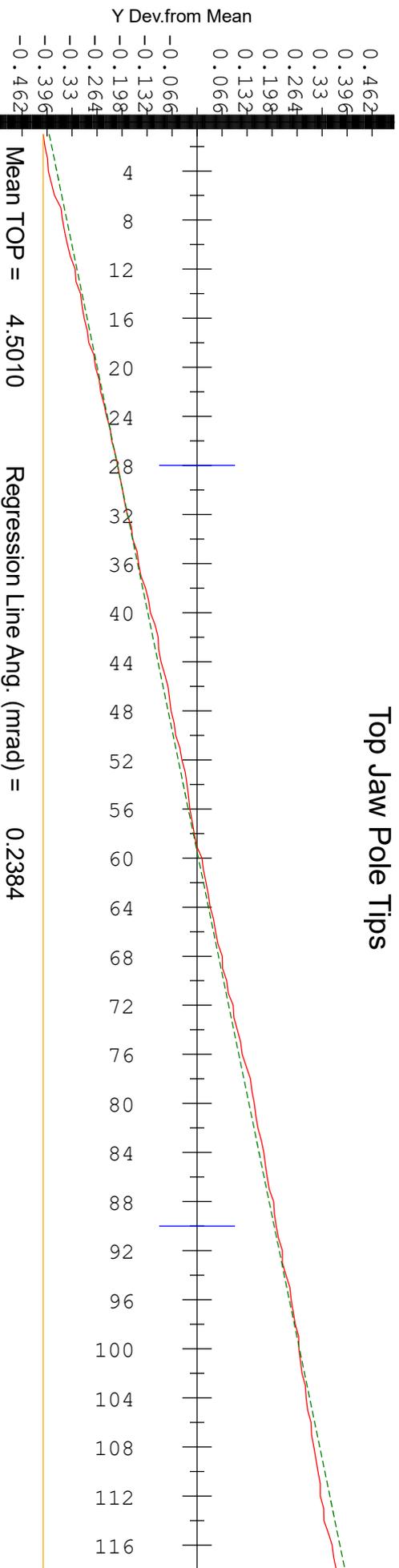


Top Jaw Pole Tips

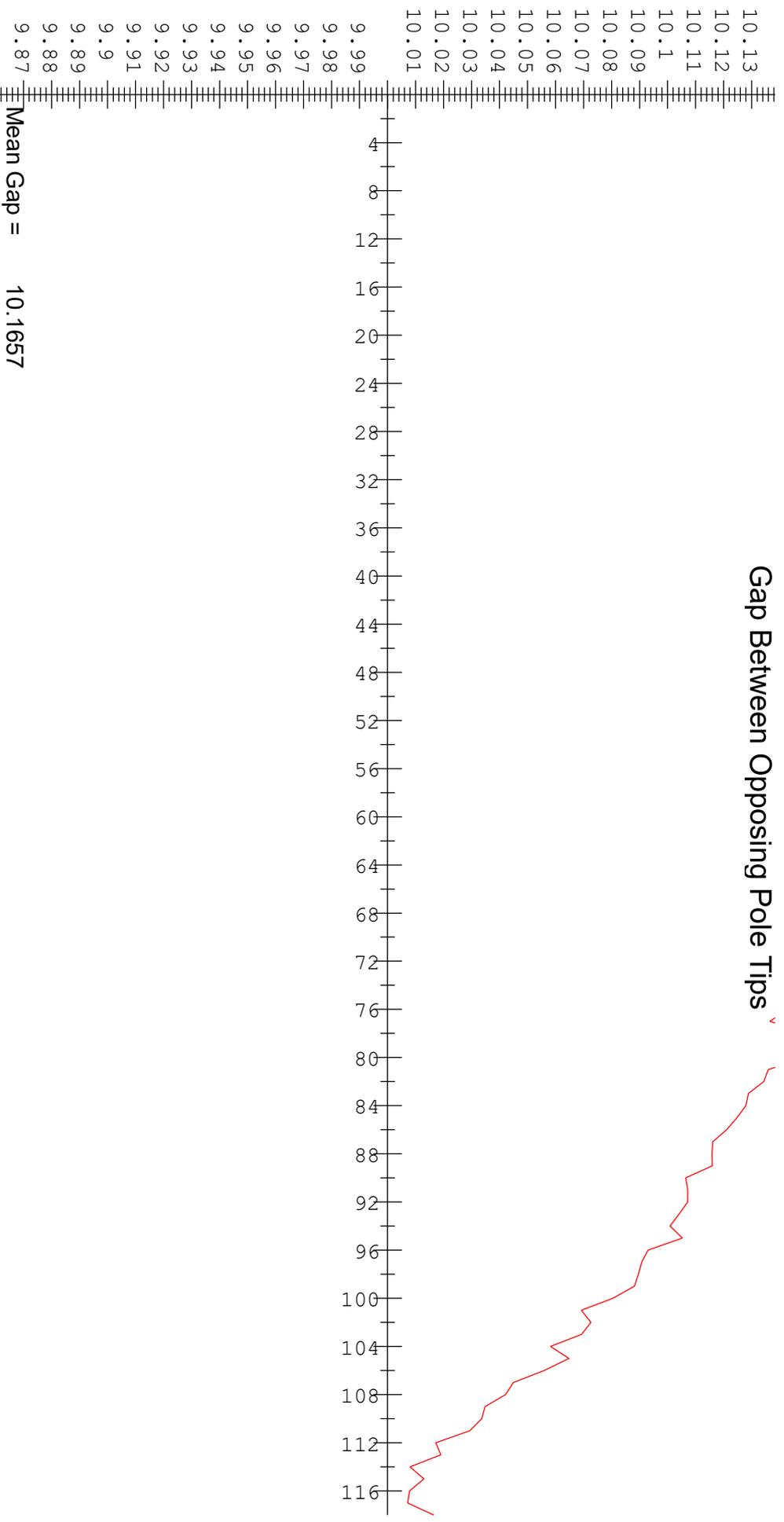


METROLOGY

LCLS II-HE - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 9.9997 US Encoder = 9.9998 DS Encoder = 9.9997

21-MAY-2024
 S/N = 023
 D/S = 0001
 Run = 1



Step Between Measured Pole Tips = 1

Dimensions in mm



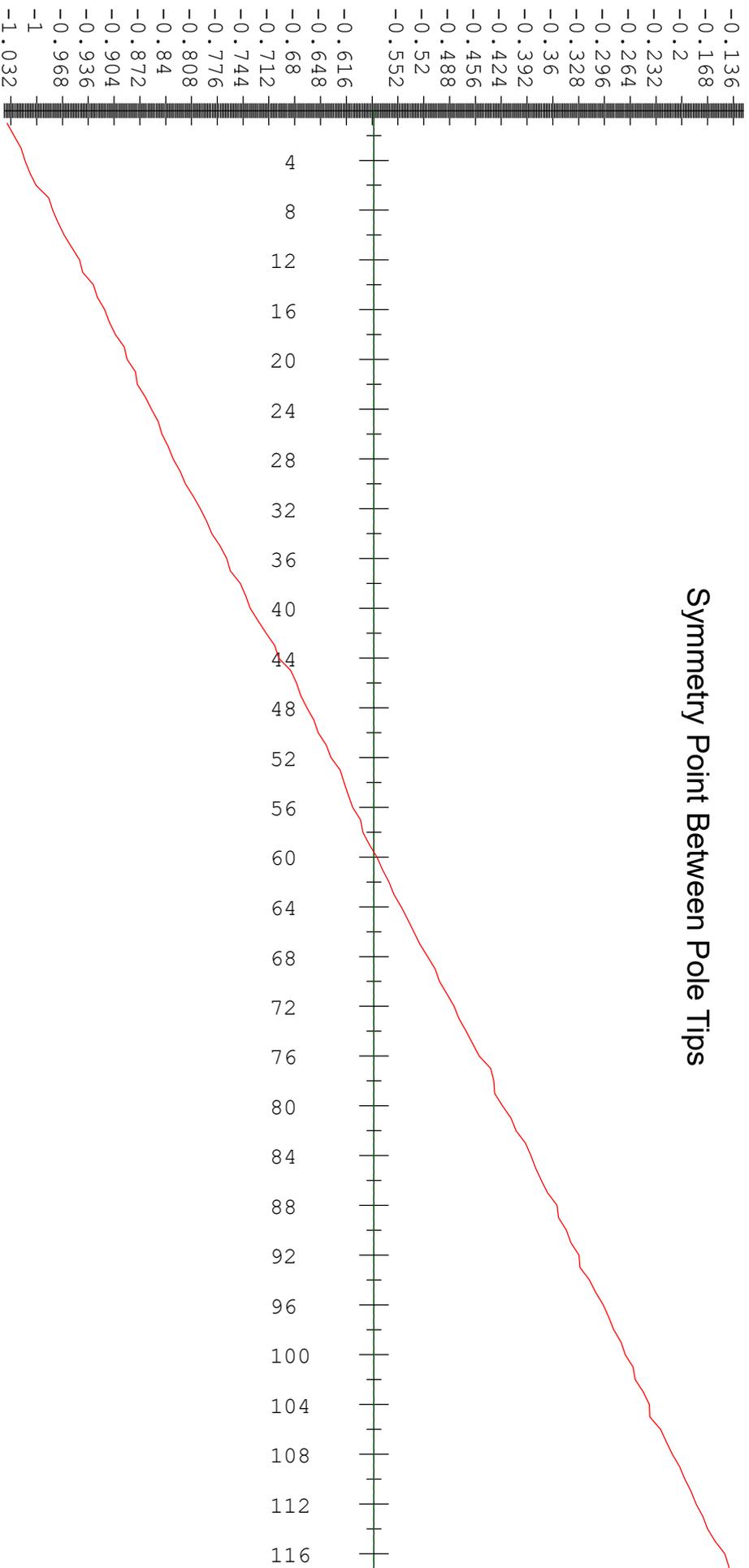
METROLOGY

LCLS II-HE - SXR Undulator

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21-MAY-2024
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 Run = 1

Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.5818

Step Between Measured Pole Tips = 1

Dimensions in mm



METROLOGY

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D/S = 0001
Run = 1

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	4.1105	4.2907	4.7046	4.8915
Bottom	-6.1772	-5.9407	-5.3974	-5.1521
Gap	10.2878			10.0436
Taper				-0.2442

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.5010	-5.6647	10.1657	-0.5818

Additional Calculated Values

Bottom Pole #1 Z Value	979.106
Top Jaw Pitch (mrad)	0.238
Bottom Jaw Pitch(mrad)	0.313
Minimum Effective Gap	9.240
Reference Block Gap	6.800

Dimensions in mm



METROLOGY

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