

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

Regression Line Through Points = ---  
Dimensions in mm

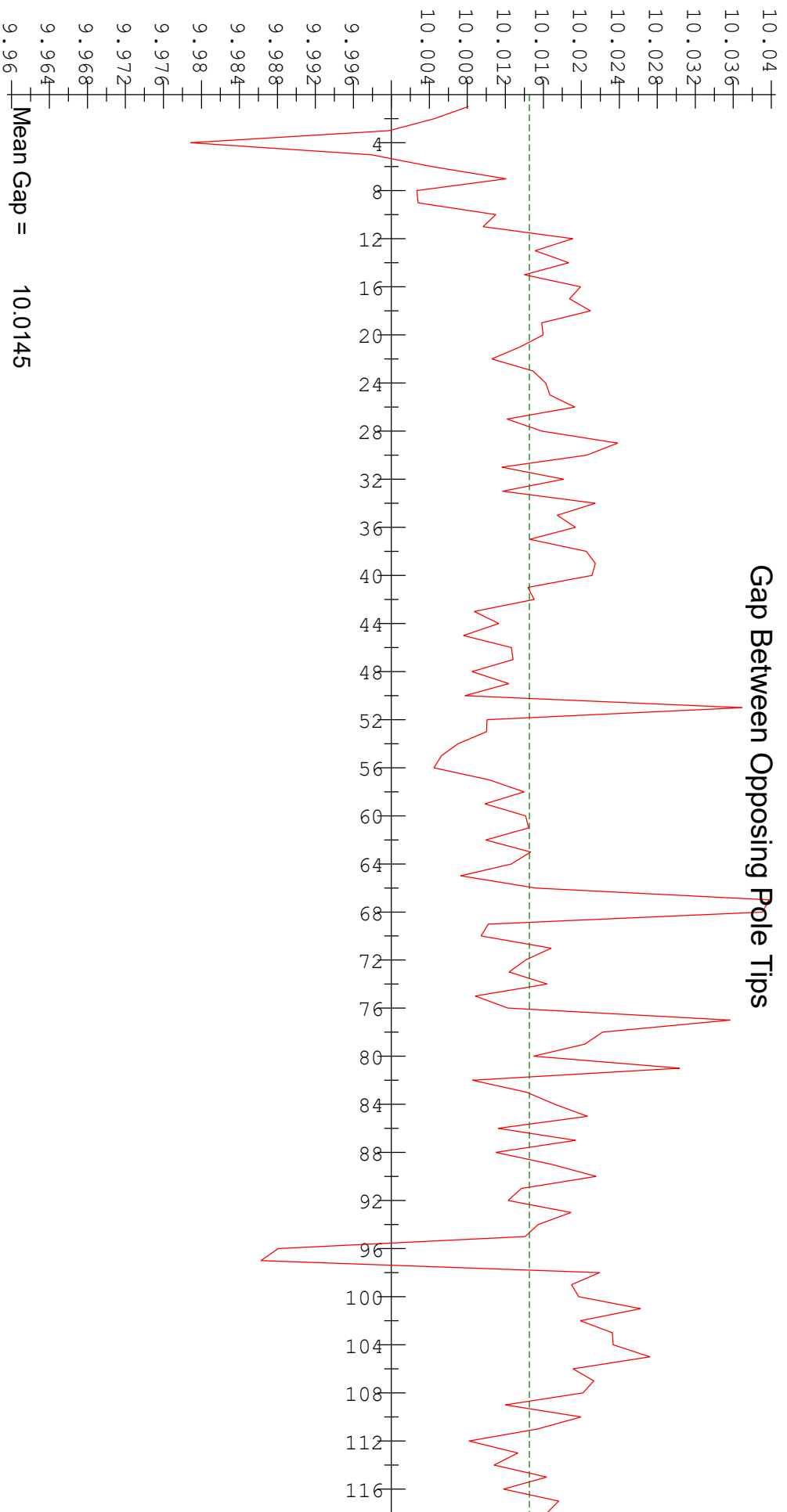


METROLOGY

# LCLS II-HE - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000  
Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

24-JUN-2026  
S/N = 002  
D/S = 0001  
Run = 2



Step Between Measured Pole Tips = 1

Dimensions in mm



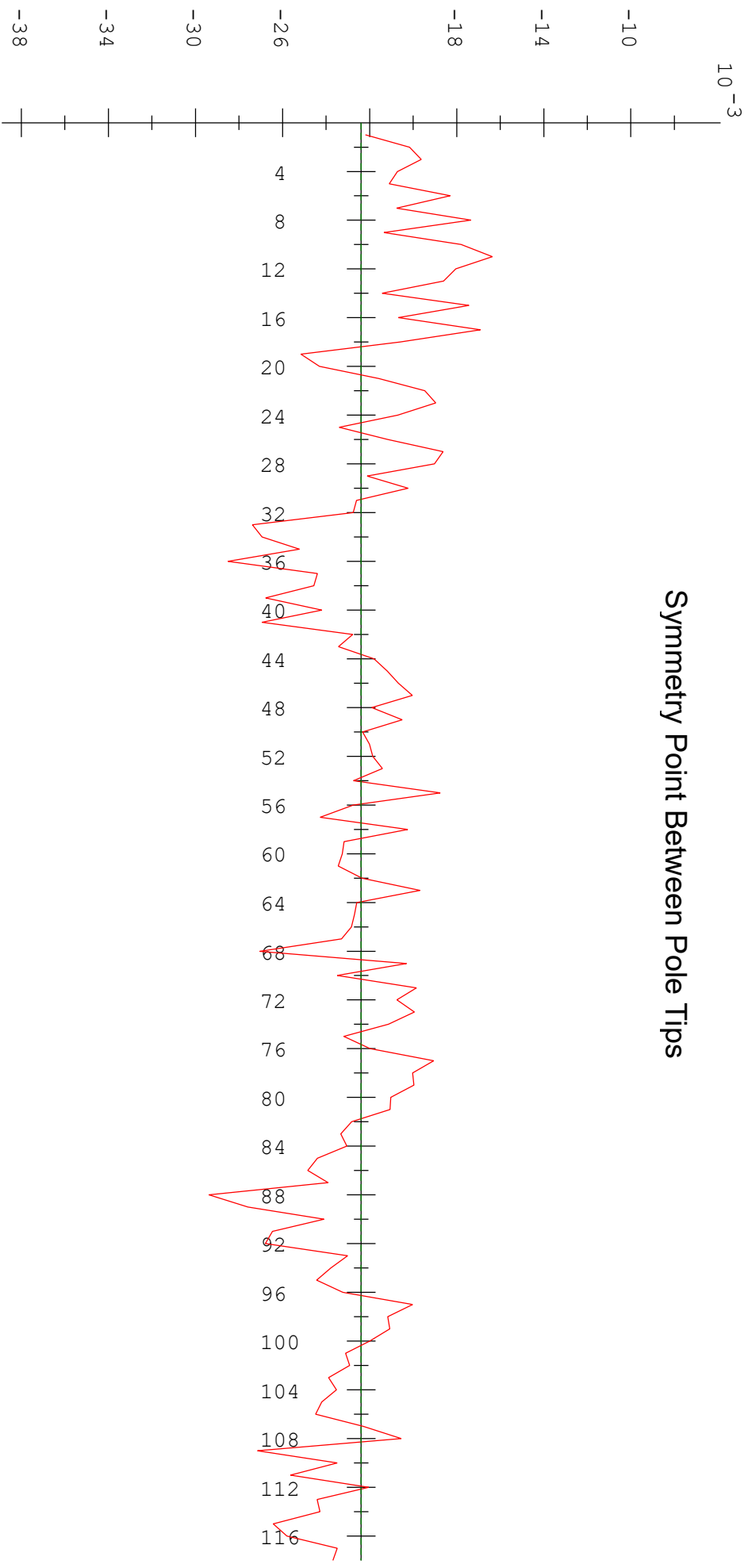
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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0224

Step Between Measured Pole Tips = 1

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## 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>
<b>Top</b>	4.9851	4.9850	4.9848	4.9846
<b>Bottom</b>	-5.0261	-5.0277	-5.0315	-5.0332
<b>Gap</b>	10.0112			10.0179
<b>Taper</b>				0.0067

### Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9849	-5.0297	10.0145	-0.0224

### Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>978.407</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.000</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.002</b>
<b>Minimum Effective Gap</b>	<b>9.979</b>
<b>Reference Block Gap</b>	<b>6.799</b>

Dimensions in mm



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