

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

Regression Line Through Points =   
 Dimensions in mm



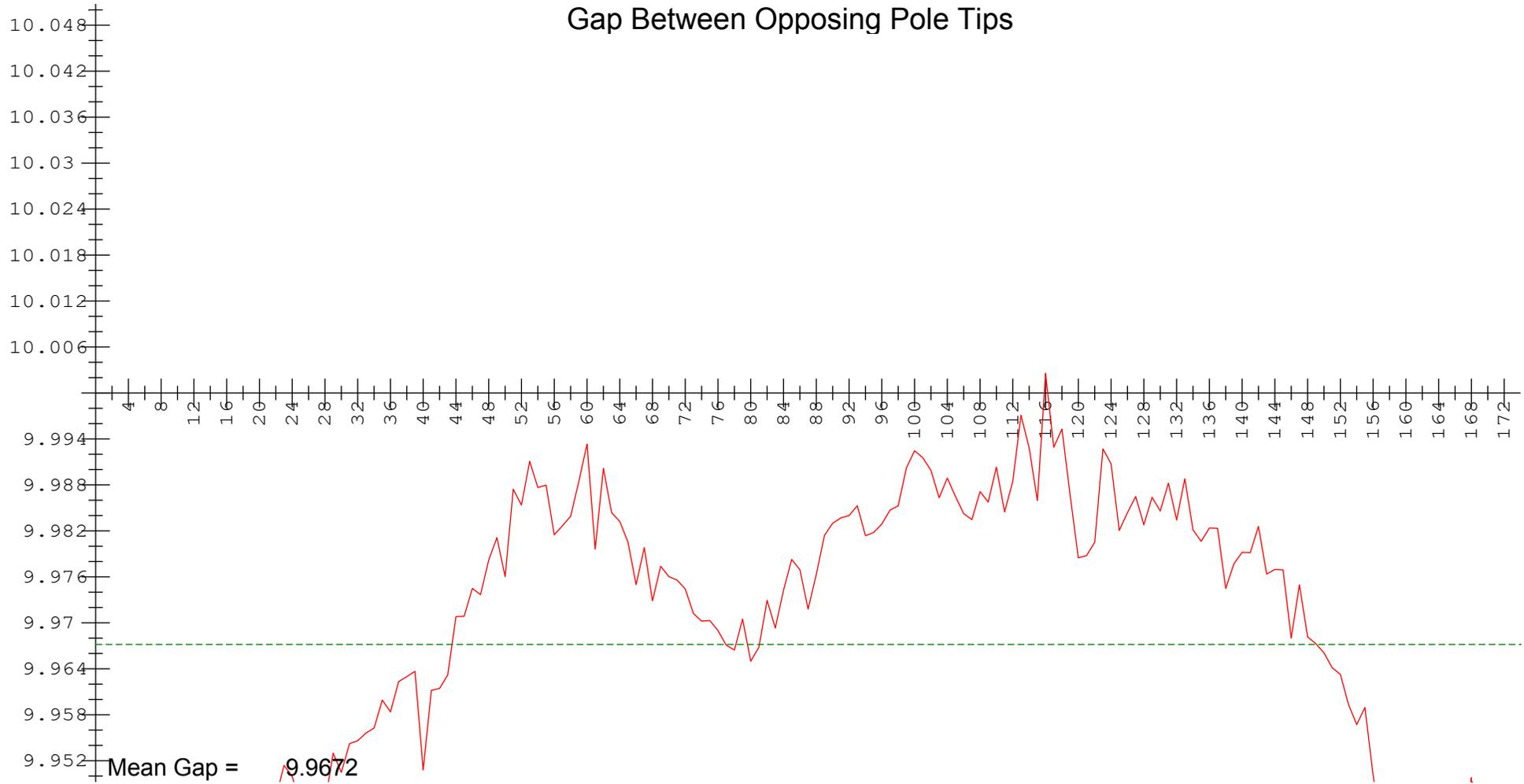
**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000

Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

22-JAN-2019  
 S/N = 019  
 D/S = 0001  
 Run = 5

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

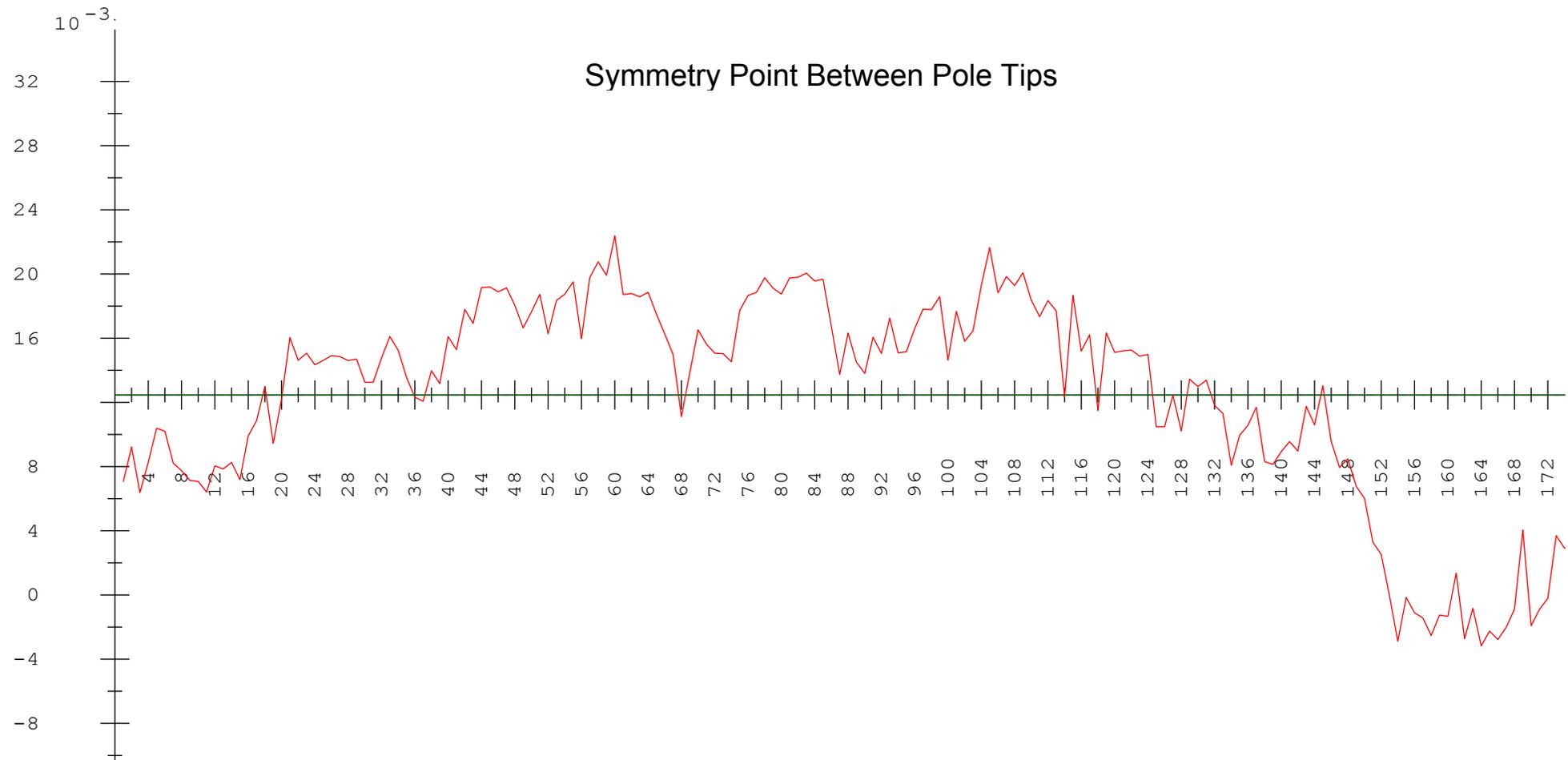
Dimensions in mm



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Mean Symmetry Value = 0.0125

Step Between Measured Pole Tips = 1

Dimensions in mm



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## Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
<b>Top</b>	4.9969	4.9965	4.9956	4.9952
<b>Bottom</b>	-4.9618	-4.9659	-4.9763	-4.9805
<b>Gap</b>	9.9587			9.9757
<b>Taper</b>				0.0170

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9961	-4.9711	9.9672	0.0125

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.265</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.001</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.006</b>
<b>Minimum Effective Gap</b>	<b>9.915</b>
<b>Reference Block Gap</b>	<b>6.805</b>

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