

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 7

Regression Line Through Points =   
 Dimensions in mm

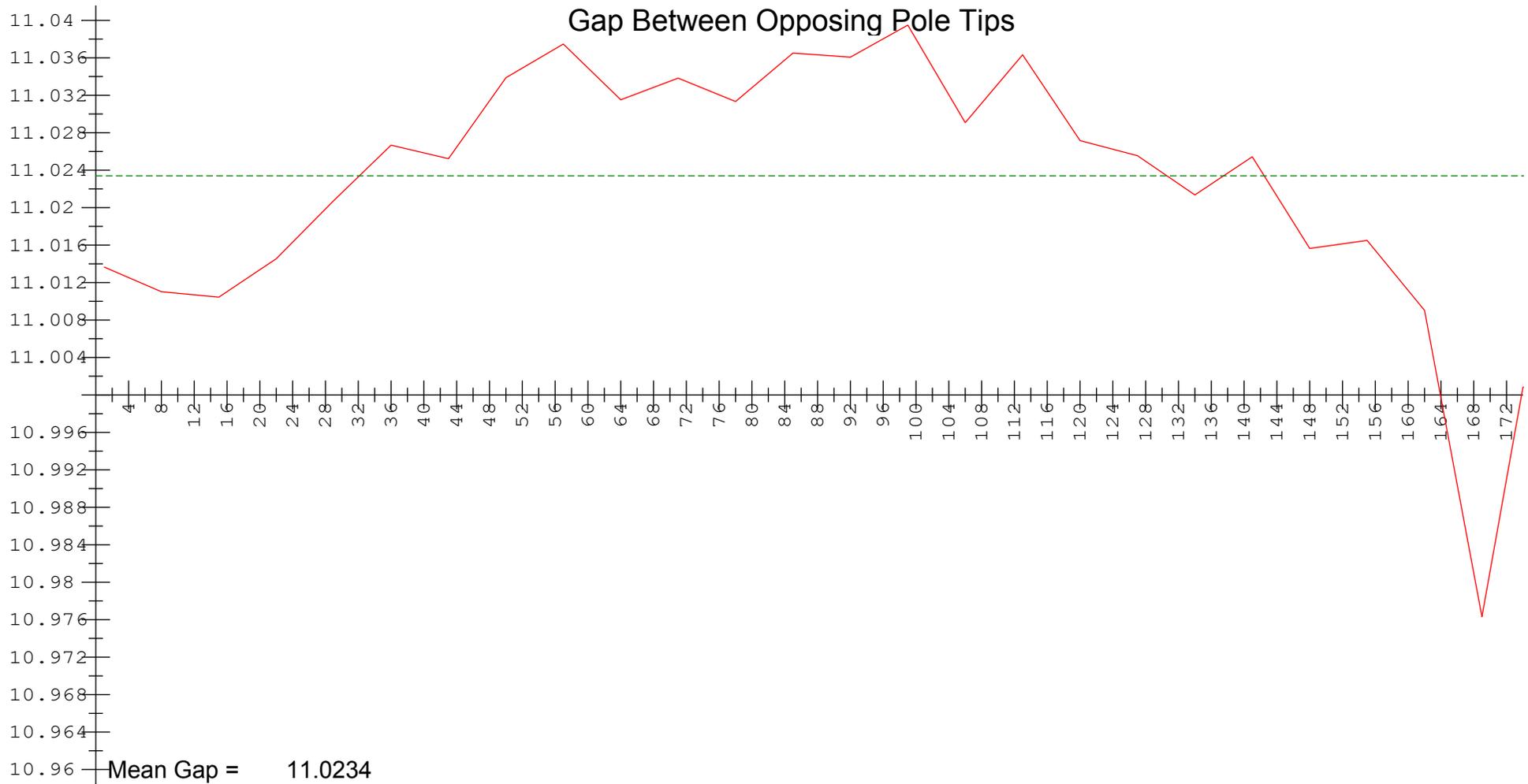


**LCLS II - SXR Undulator**

Nominal Gap = 11      Nominal Taper = 0.000

Gap Reading = 11.0001      US Encoder = 11.0001      DS Encoder = 11.0001

15-MAR-2019  
 S/N = 022  
 D/S = 0001  
 Run = 6



Step Between Measured Pole Tips = 7

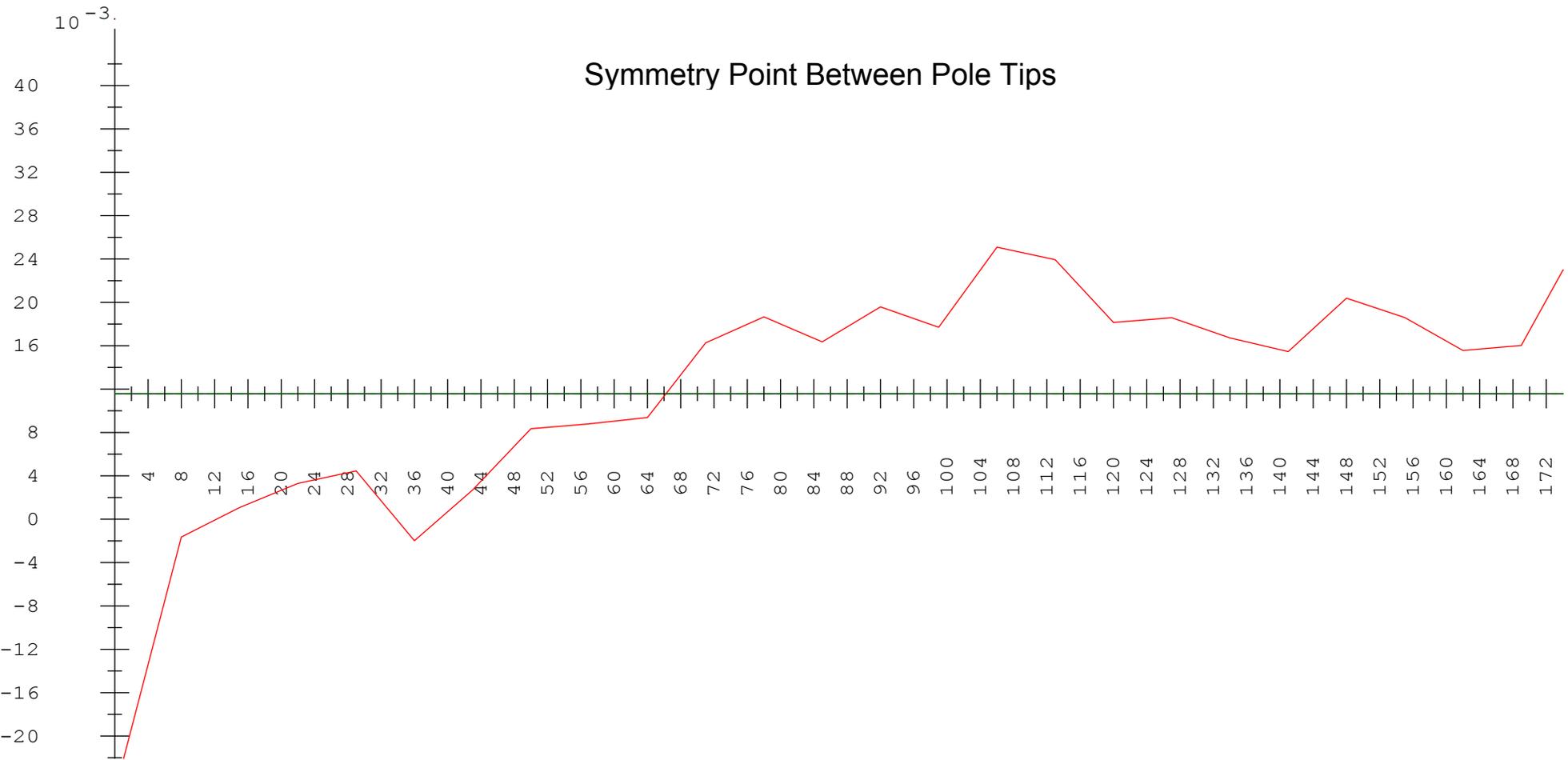
Dimensions in mm



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Mean Symmetry Value = 0.0116

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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>	5.5126	5.5173	5.5289	5.5337
<b>Bottom</b>	-5.5159	-5.5087	-5.4904	-5.4829
<b>Gap</b>	11.0286			11.0166
<b>Taper</b>				-0.0119

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.5233	-5.5001	11.0234	0.0116

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.569</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.006</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.010</b>
<b>Minimum Effective Gap</b>	<b>10.957</b>
<b>Reference Block Gap</b>	<b>6.809</b>

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