

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 60

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

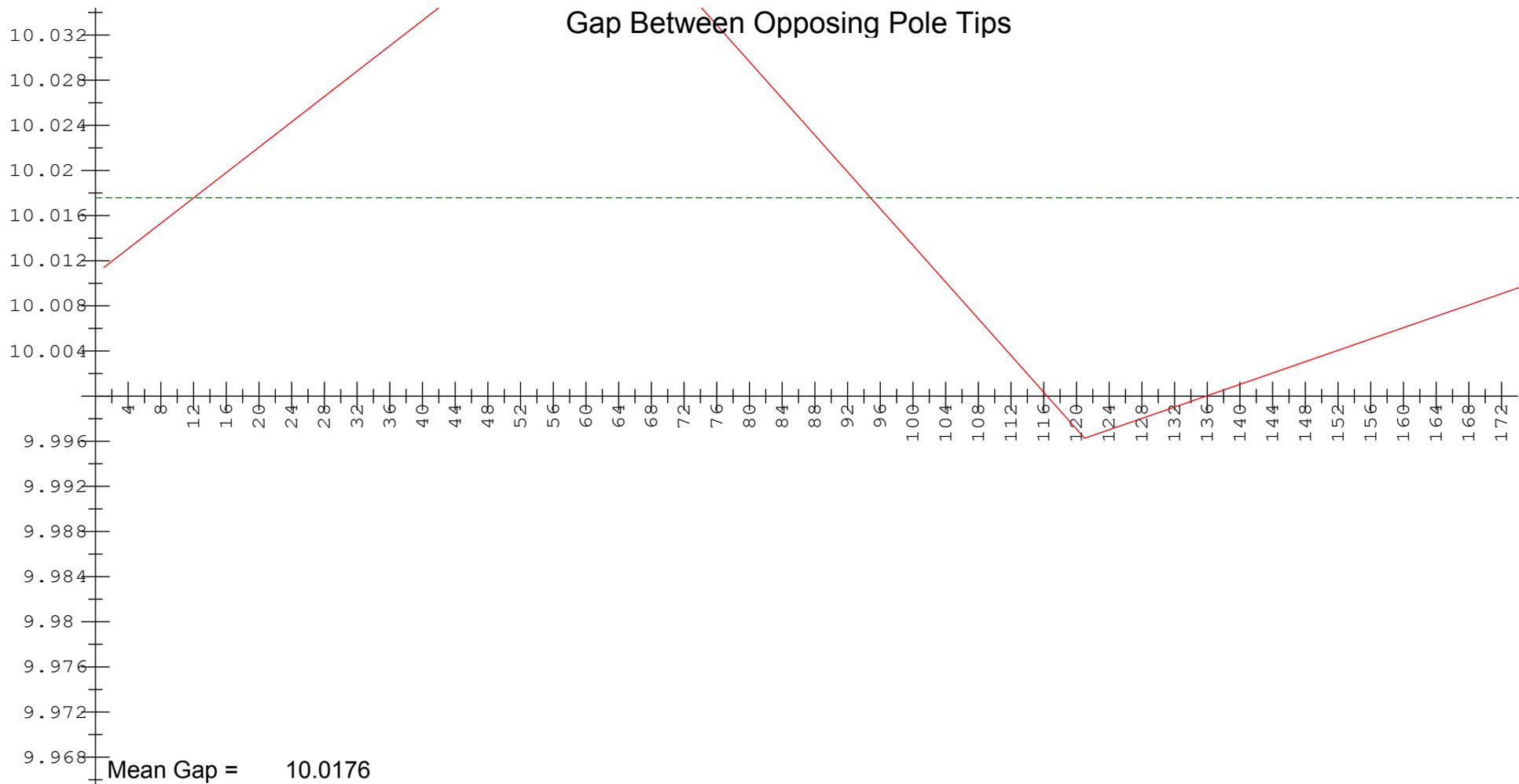


**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000

Gap Reading = 0.0000      US Encoder = 0.0000      DS Encoder = 0.0000

31-JUL-2019  
 S/N = 001  
 D/S = 0007  
 Run = 25



Step Between Measured Pole Tips = 60

Dimensions in mm

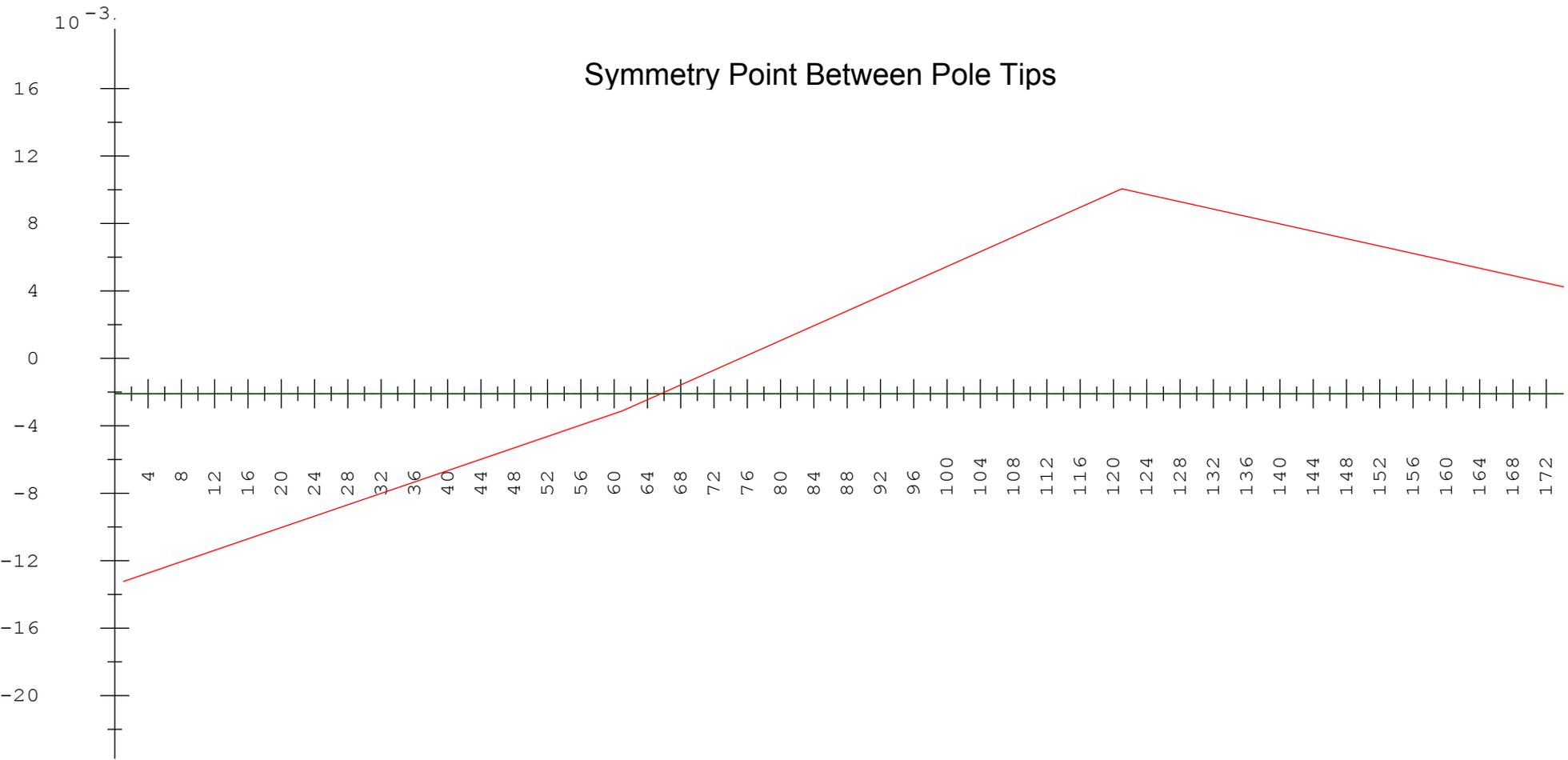


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Mean Symmetry Value = -0.0021

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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>	5.0013	5.0039	5.0104	5.0131
<b>Bottom</b>	-5.0227	-5.0165	-5.0009	-4.9945
<b>Gap</b>	10.0239			10.0076
<b>Taper</b>				-0.0163

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0067	-5.0109	10.0176	-0.0021

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.086</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.003</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.008</b>
<b>Minimum Effective Gap</b>	<b>9.981</b>
<b>Reference Block Gap</b>	<b>6.805</b>

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