

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

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

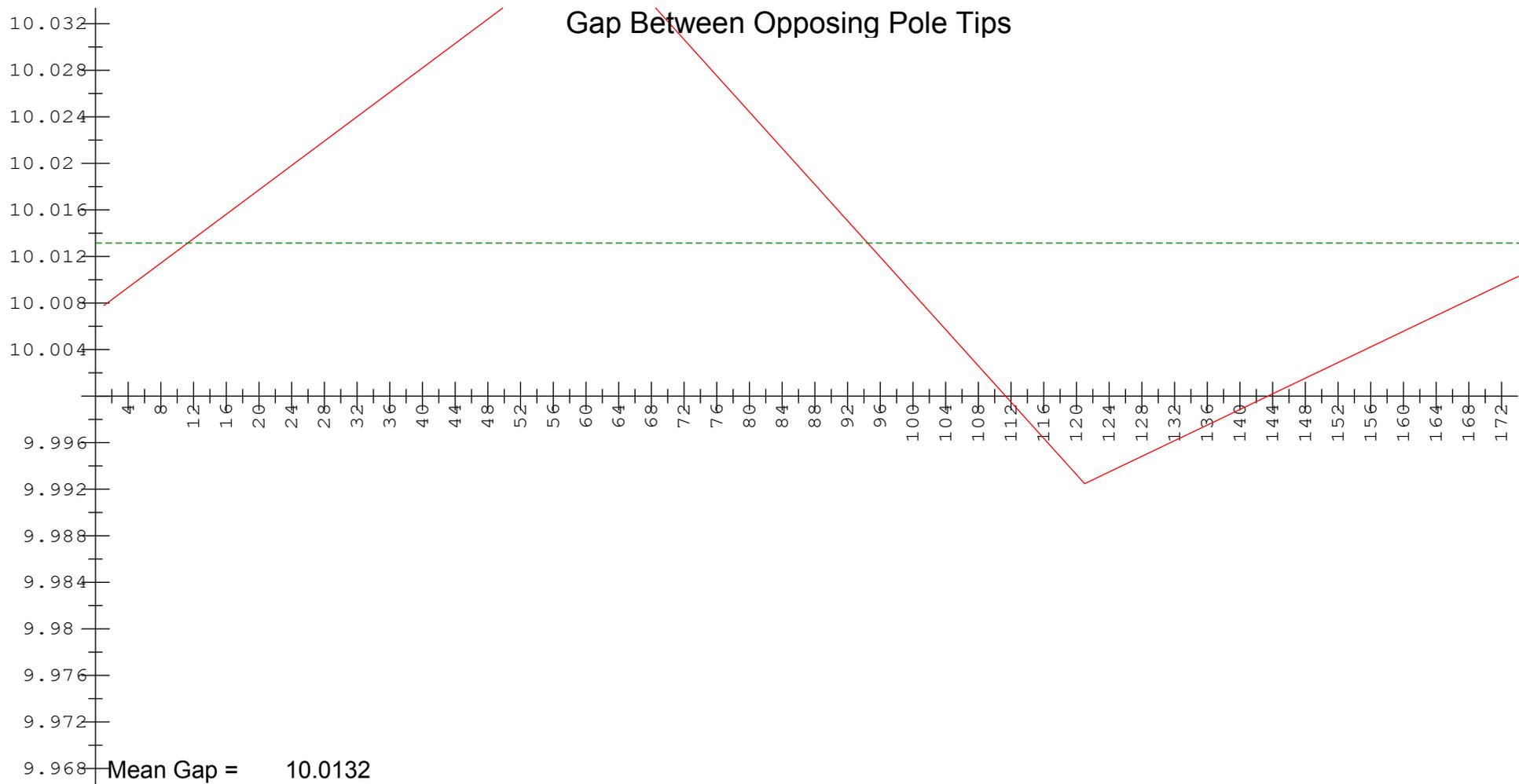


**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000

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

30-JUL-2019  
 S/N = 001  
 D/S = 0007  
 Run = 9



Step Between Measured Pole Tips = 60

Dimensions in mm

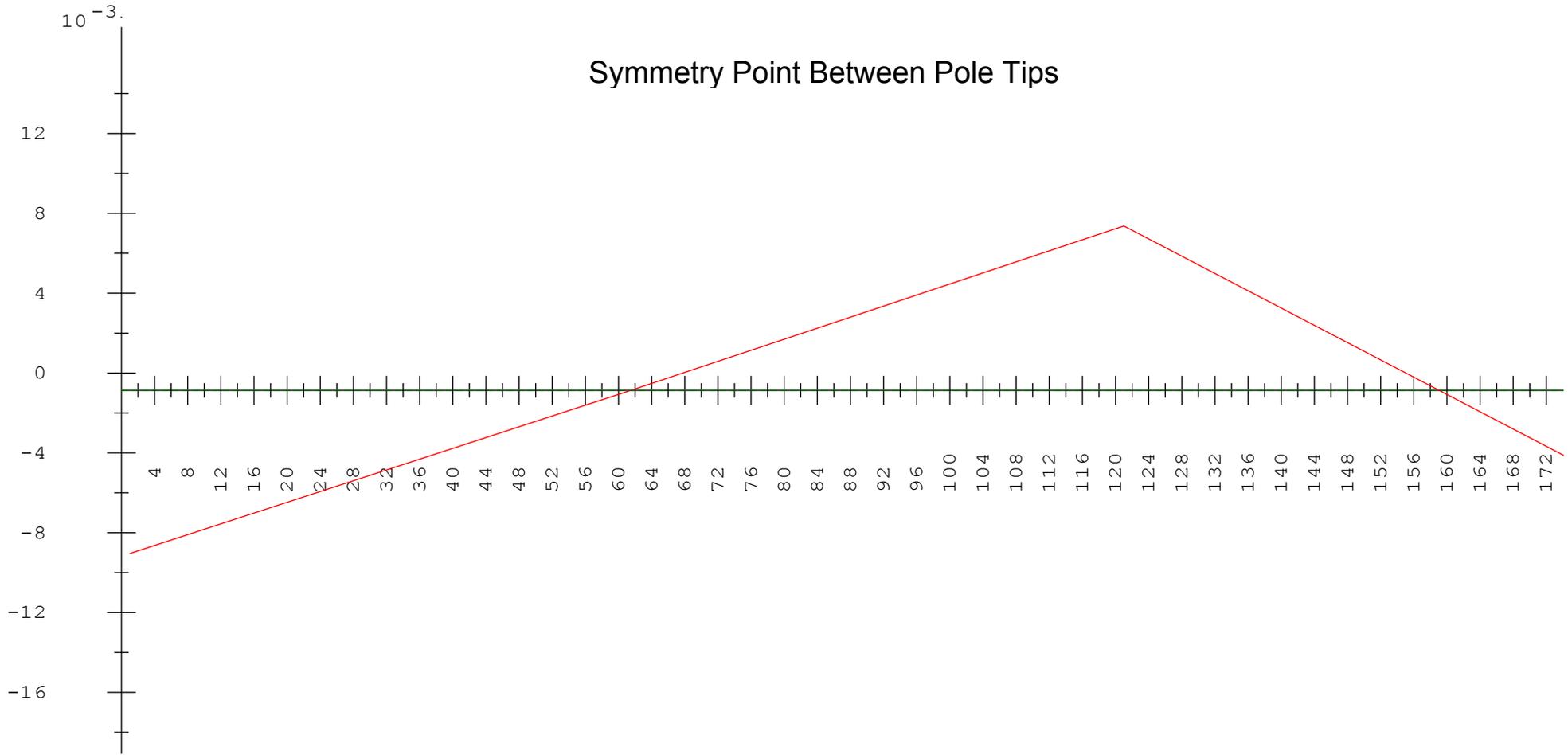


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0009

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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>	5.0039	5.0041	5.0049	5.0052
<b>Bottom</b>	-5.0147	-5.0118	-5.0044	-5.0014
<b>Gap</b>	10.0185			10.0066
<b>Taper</b>				-0.0120

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0057	-5.0074	10.0132	-0.0009

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.085</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.000</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.004</b>
<b>Minimum Effective Gap</b>	<b>9.984</b>
<b>Reference Block Gap</b>	<b>6.804</b>

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