

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points = -----

Dimensions in mm



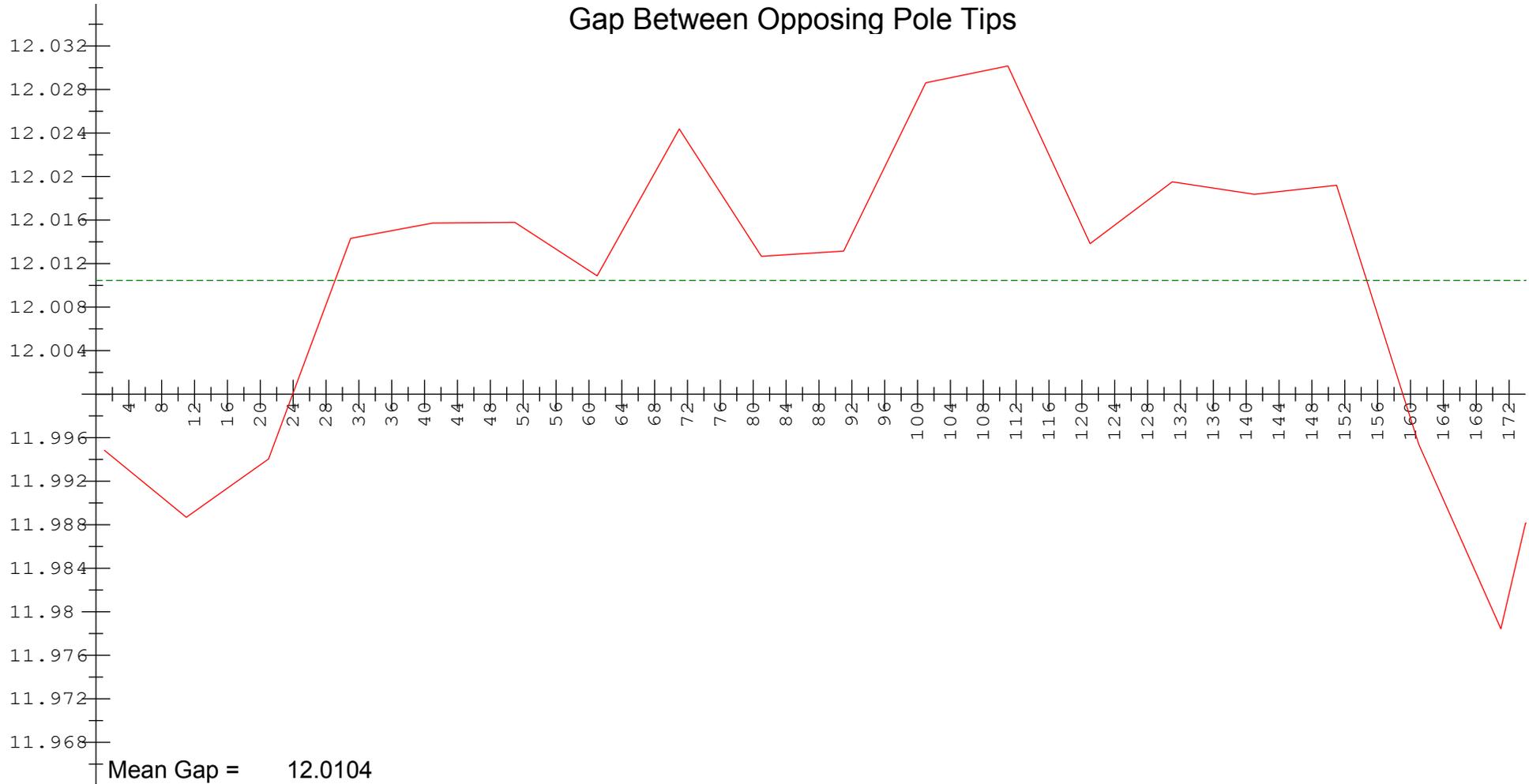
## LCLS II - SXR Undulator

Nominal Gap = 12      Nominal Taper = 0.000  
 Gap Reading = 12.0000      US Encoder = 0.0120      DS Encoder = 0.0120

22-NOV-2019

S/N = 021  
 D/S = 0001  
 Run = 9

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

Dimensions in mm

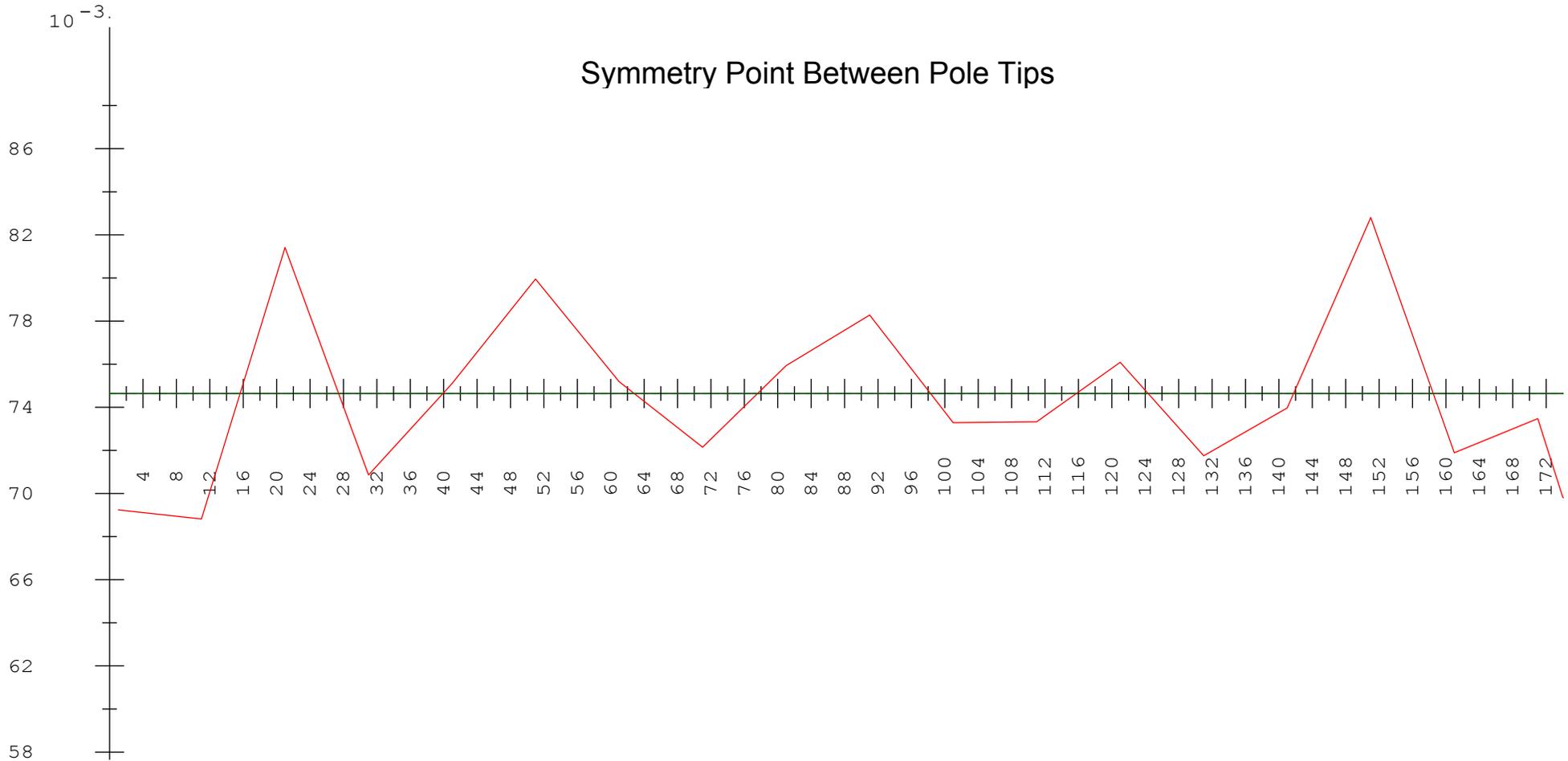


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0746

Step Between Measured Pole Tips = 10

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>	6.0790	6.0790	6.0790	6.0791
<b>Bottom</b>	-5.9307	-5.9305	-5.9300	-5.9298
<b>Gap</b>	12.0097			12.0089
<b>Taper</b>				-0.0008

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.0799	-5.9306	12.0104	0.0746

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.155</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.000</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.000</b>
<b>Minimum Effective Gap</b>	<b>11.978</b>
<b>Reference Block Gap</b>	<b>6.799</b>

Dimensions in mm



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