

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 5

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



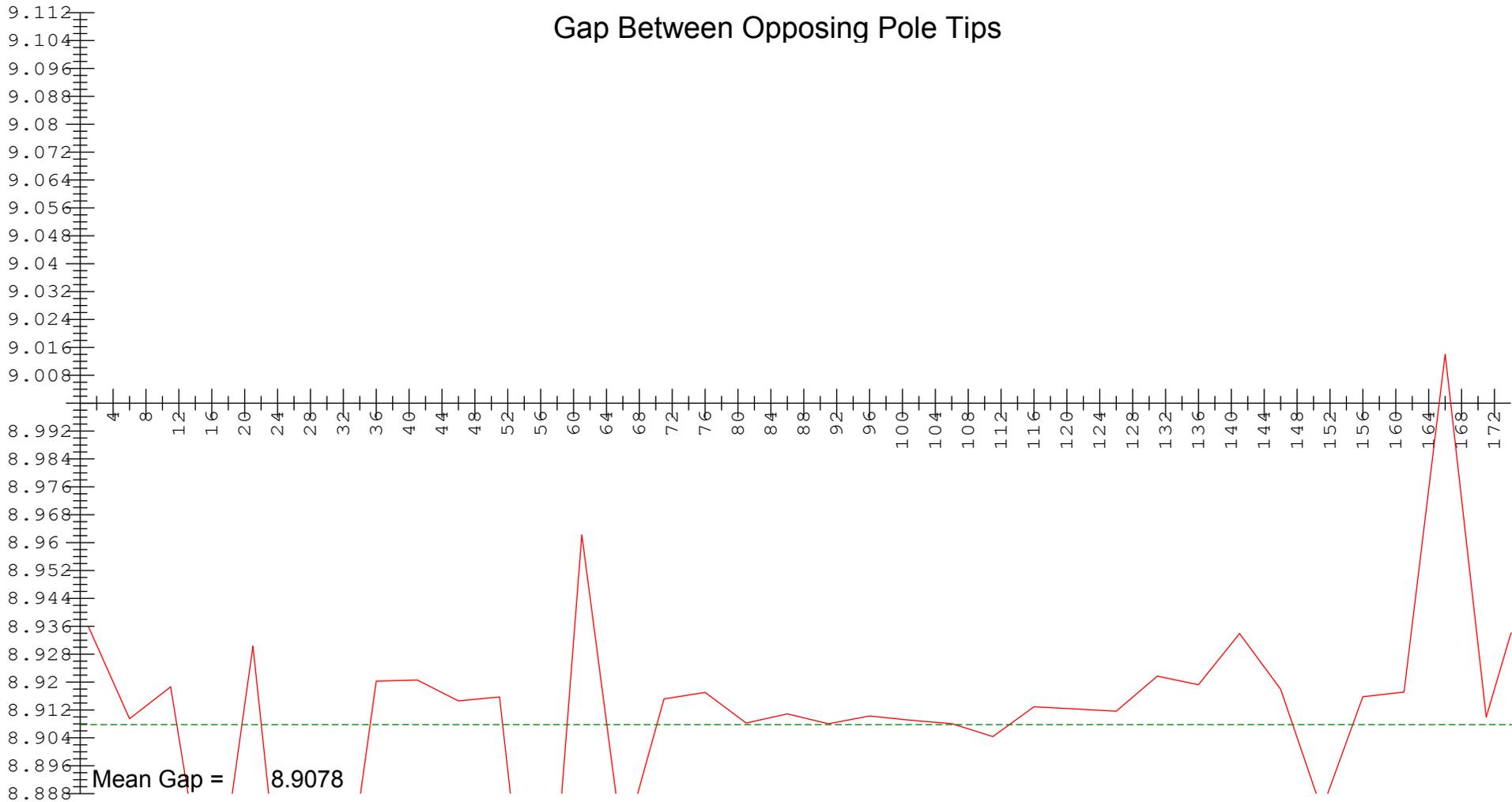
## LCLS II - SXR Undulator

Nominal Gap = 9      Nominal Taper = 0.000

Gap Reading = 9.0000      US Encoder = 9.0000      DS Encoder = 9.0000

03-MAY-2019  
 S/N = 001  
 D/S = 0006  
 Run = 2

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

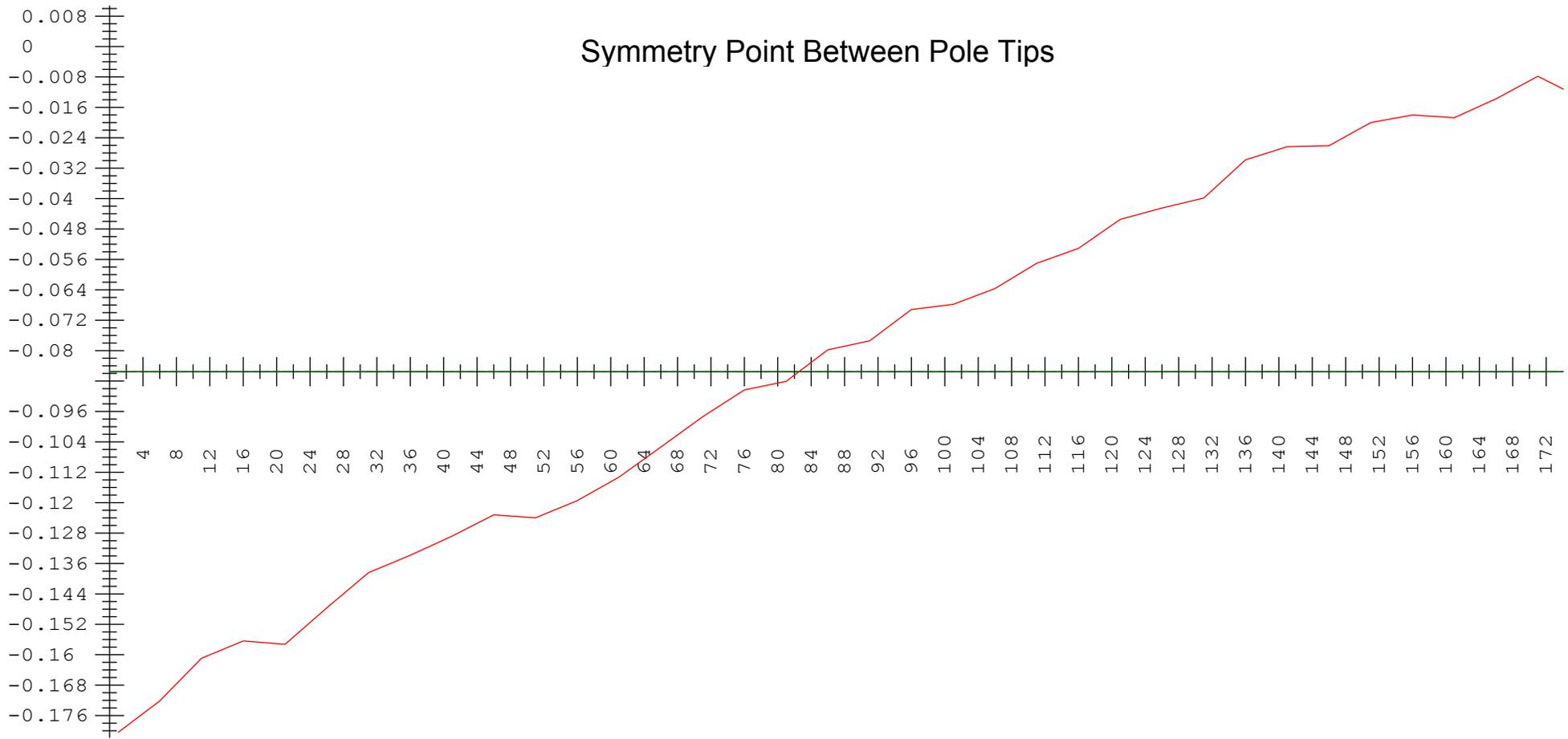


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0855

Step Between Measured Pole Tips = 5

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>	4.2730	4.3155	4.4229	4.4665
<b>Bottom</b>	-4.6144	-4.5811	-4.4969	-4.4627
<b>Gap</b>	8.8874			8.9292
<b>Taper</b>				0.0418

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.3684	-4.5394	8.9078	-0.0855

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.047</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.057</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.045</b>
<b>Minimum Effective Gap</b>	<b>8.724</b>
<b>Reference Block Gap</b>	<b>6.807</b>

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