

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 1

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



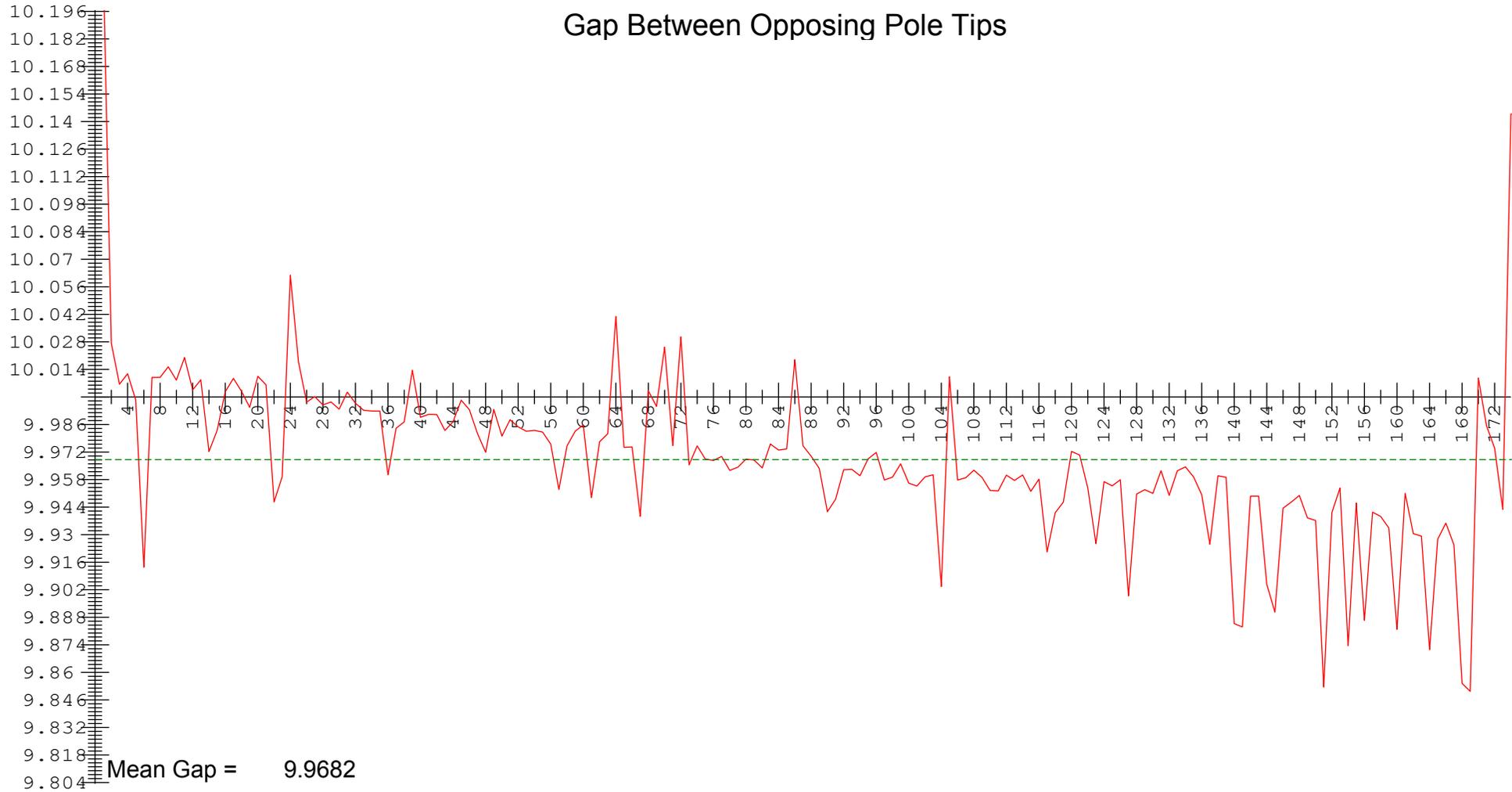
**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = -0.100

Gap Reading = 9.9499      US Encoder = 10.0000      DS Encoder = 9.9000

29-APR-2019  
 S/N = 003  
 D/S = 0002  
 Run = 14

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

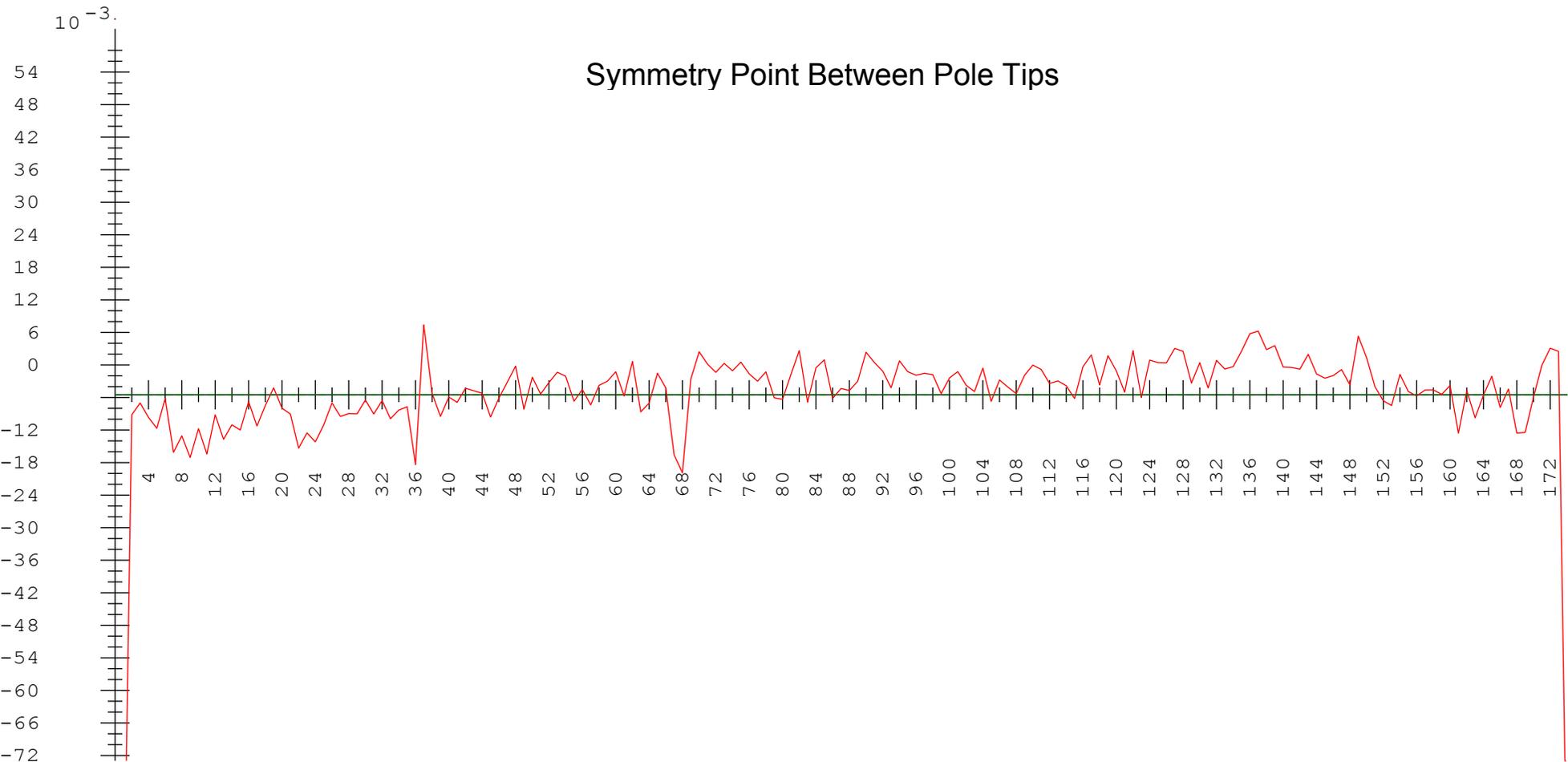
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Mean Symmetry Value = -0.0055

Step Between Measured Pole Tips = 1

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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>	4.9962	4.9885	4.9689	4.9609
<b>Bottom</b>	-5.0159	-5.0043	-4.9751	-4.9632
<b>Gap</b>	10.0121			9.9242
<b>Taper</b>				-0.0880

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9786	-4.9896	9.9682	-0.0055

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.492</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.010</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.016</b>
<b>Minimum Effective Gap</b>	<b>9.843</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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