

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

Regression Line Through Points =   
 Dimensions in mm



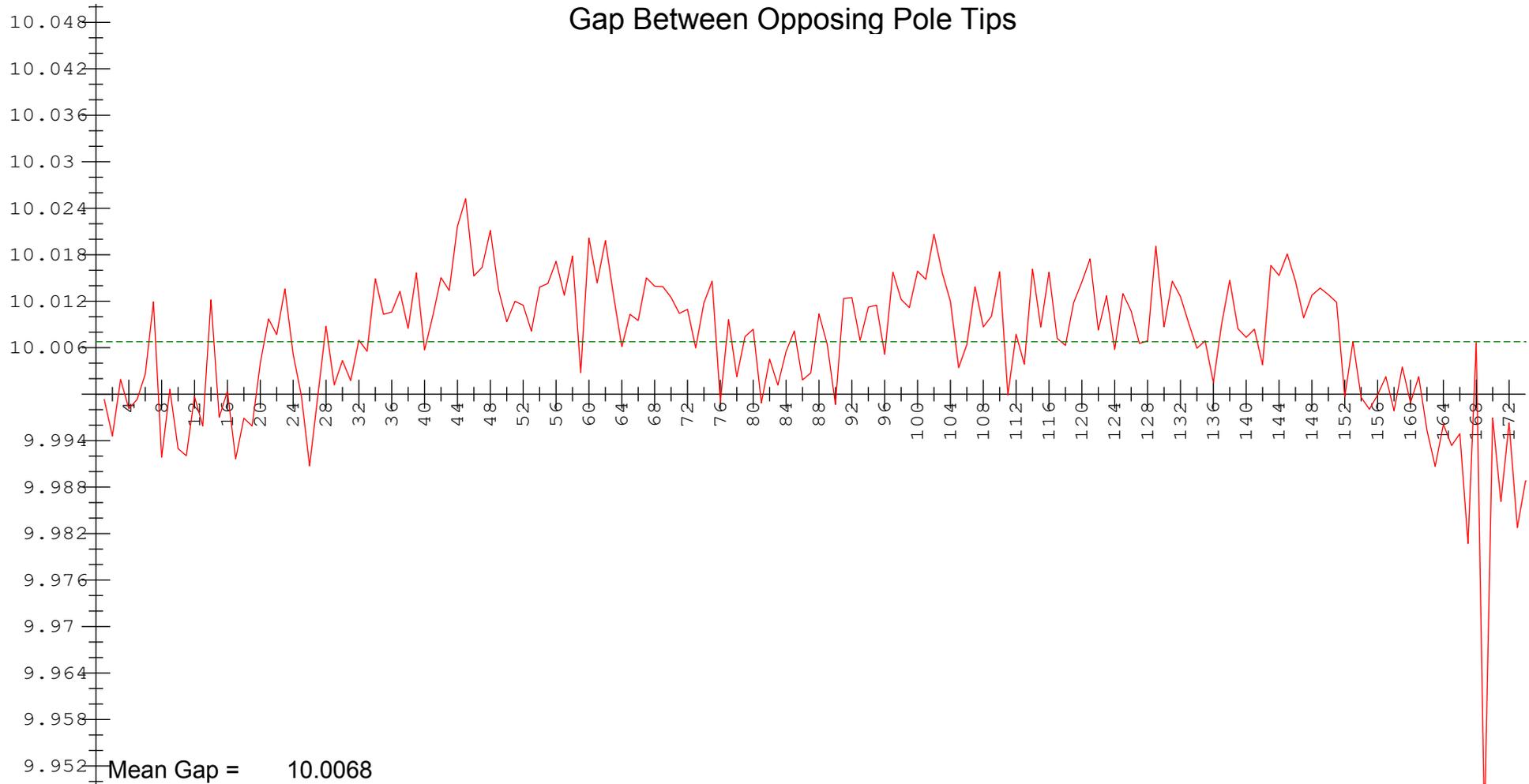
**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000

Gap Reading = 9.9999      US Encoder = 9.9999      DS Encoder = 10.0000

18-JUL-2018  
 S/N = 013  
 D/S = 0001  
 Run = 4

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

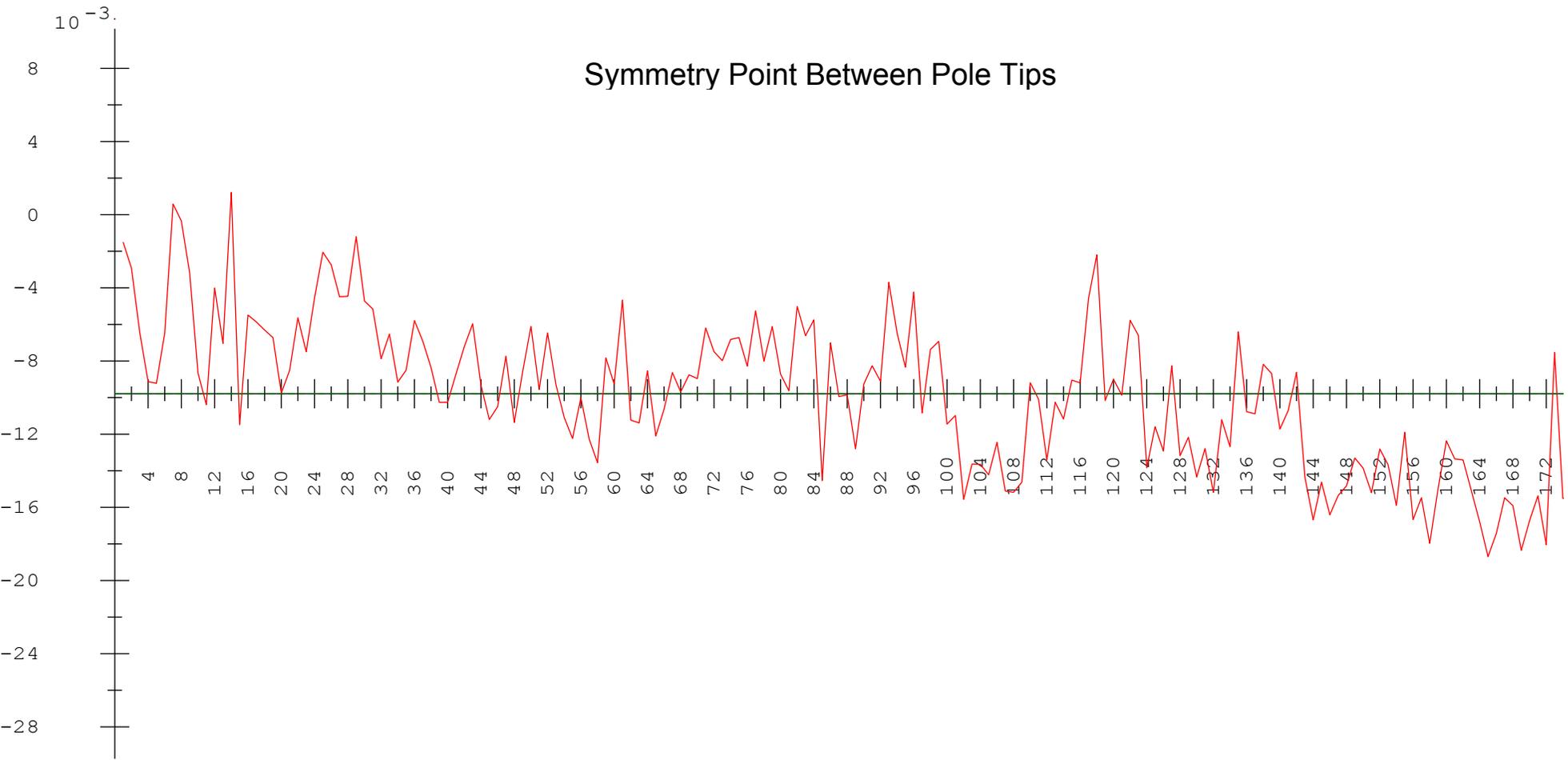
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Mean Symmetry Value = -0.0098

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>	4.9994	4.9969	4.9904	4.9877
<b>Bottom</b>	-5.0092	-5.0110	-5.0153	-5.0171
<b>Gap</b>	10.0087			10.0049
<b>Taper</b>				-0.0038

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9936	-5.0132	10.0068	-0.0098

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.775</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.003</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.002</b>
<b>Minimum Effective Gap</b>	<b>9.944</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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