

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

Regression Line Through Points =   
 Dimensions in mm



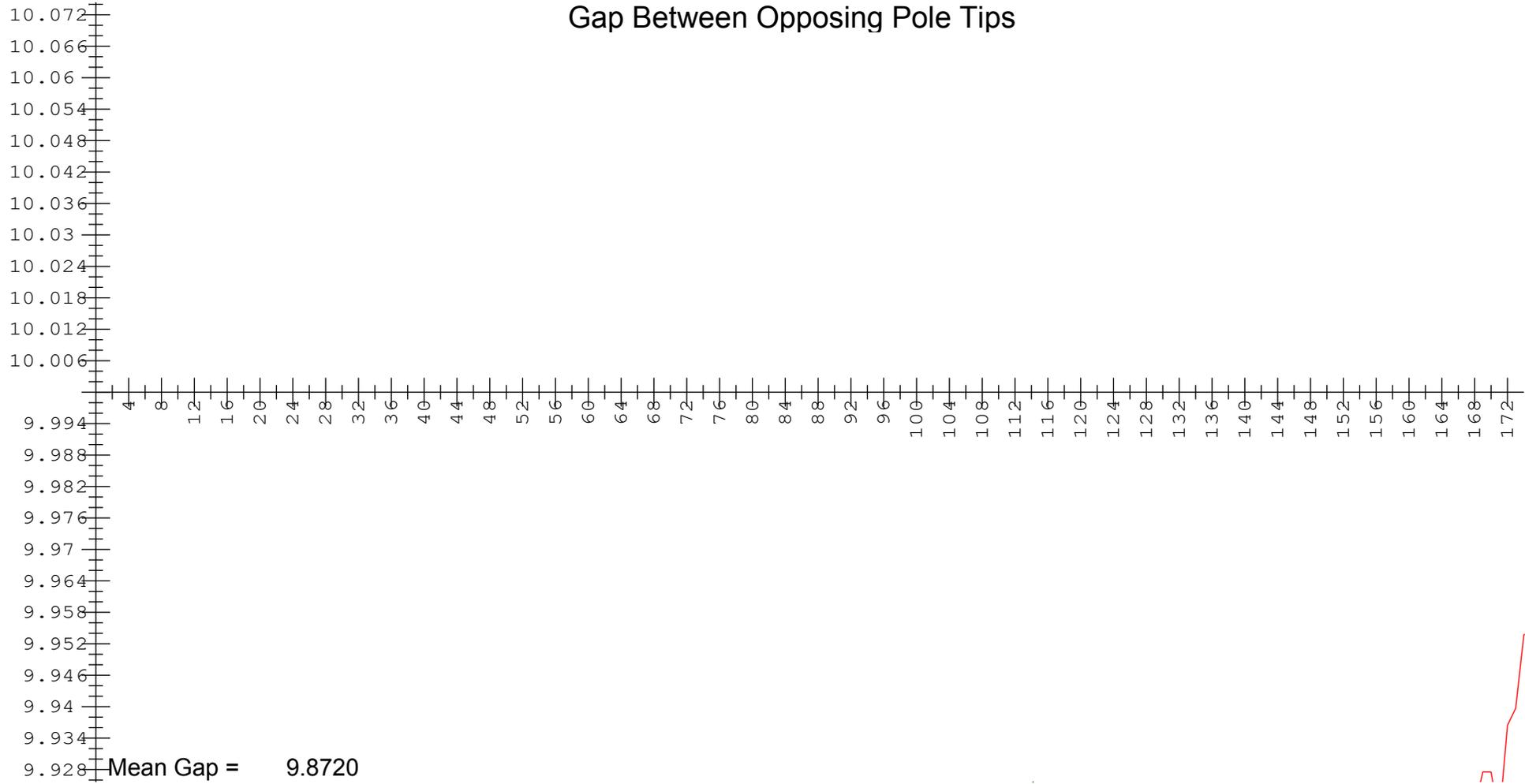
**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000

Gap Reading = 100.0007    US Encoder = 100.0017    DS Encoder = 99.9997

17-APR-2018  
 S/N = 009  
 D/S = 0001  
 Run = 1

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

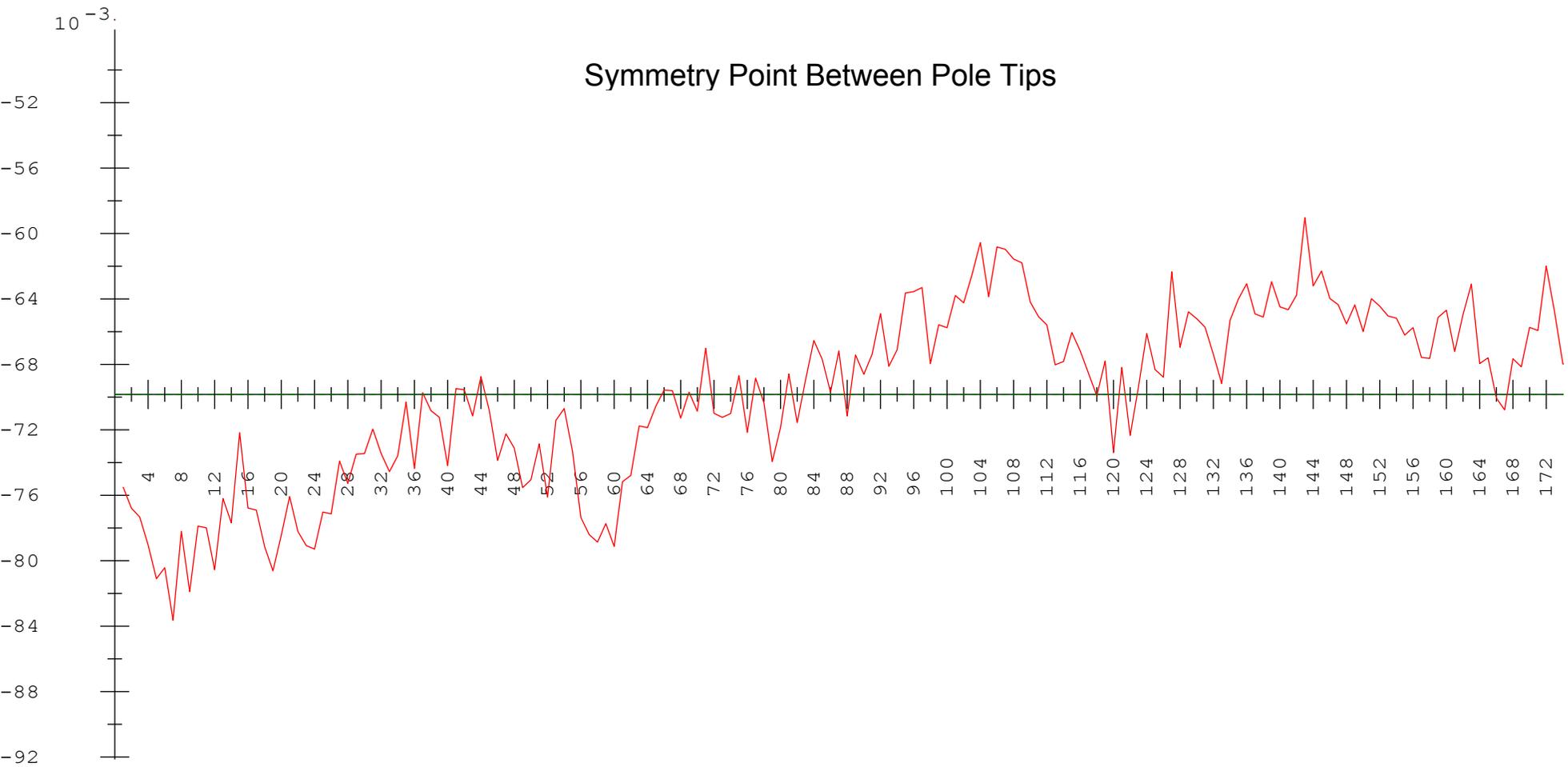
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Mean Symmetry Value = -0.0698

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>	4.8347	4.8485	4.8834	4.8975
<b>Bottom</b>	-4.9890	-4.9964	-5.0150	-5.0226
<b>Gap</b>	9.8238			9.9201
<b>Taper</b>				0.0964

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.8661	-5.0058	9.8720	-0.0698

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.400</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.019</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.010</b>
<b>Minimum Effective Gap</b>	<b>9.815</b>
<b>Reference Block Gap</b>	<b>6.799</b>

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