

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

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



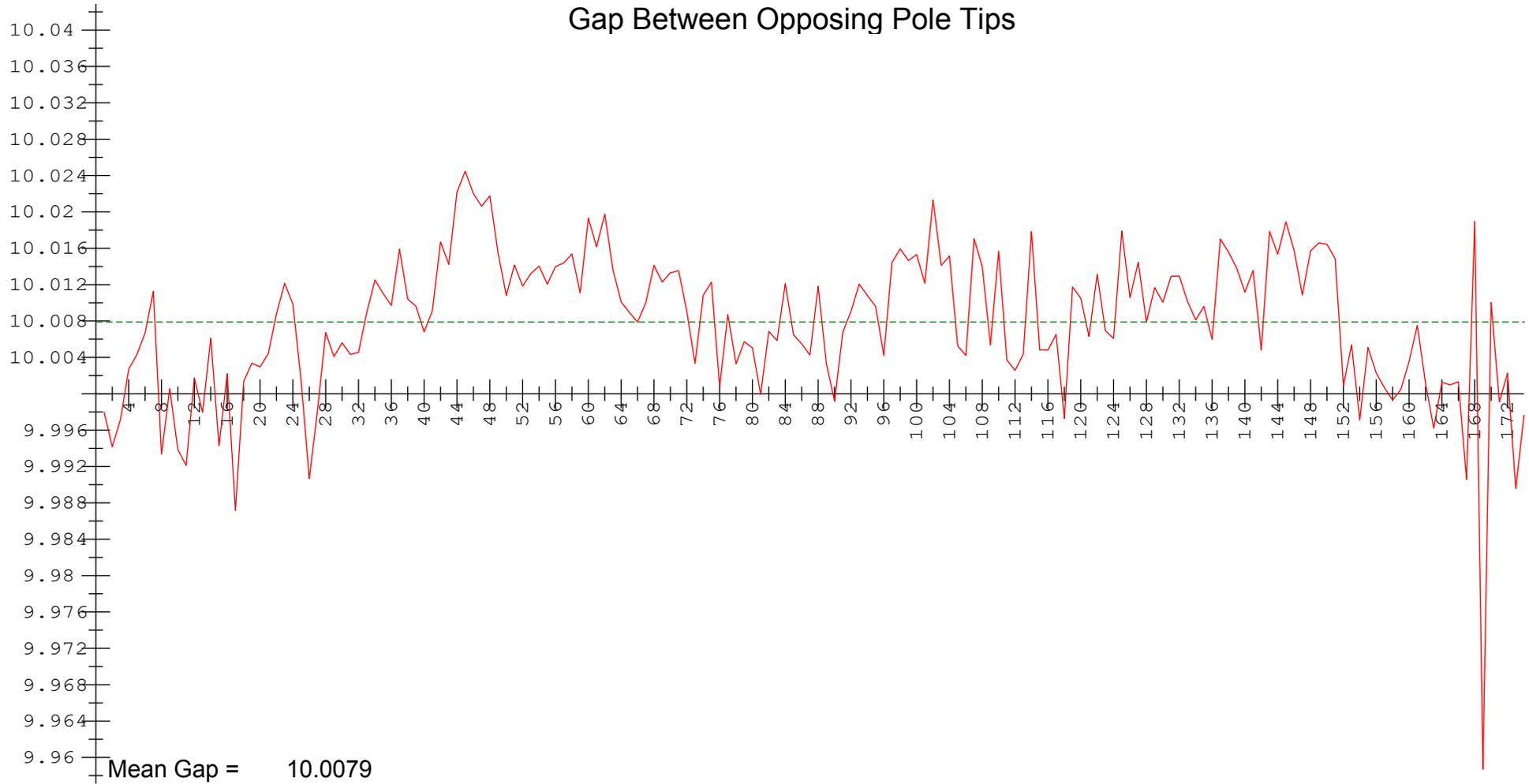
**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000

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

19-JUL-2018  
 S/N = 013  
 D/S = 0001  
 Run = 17

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

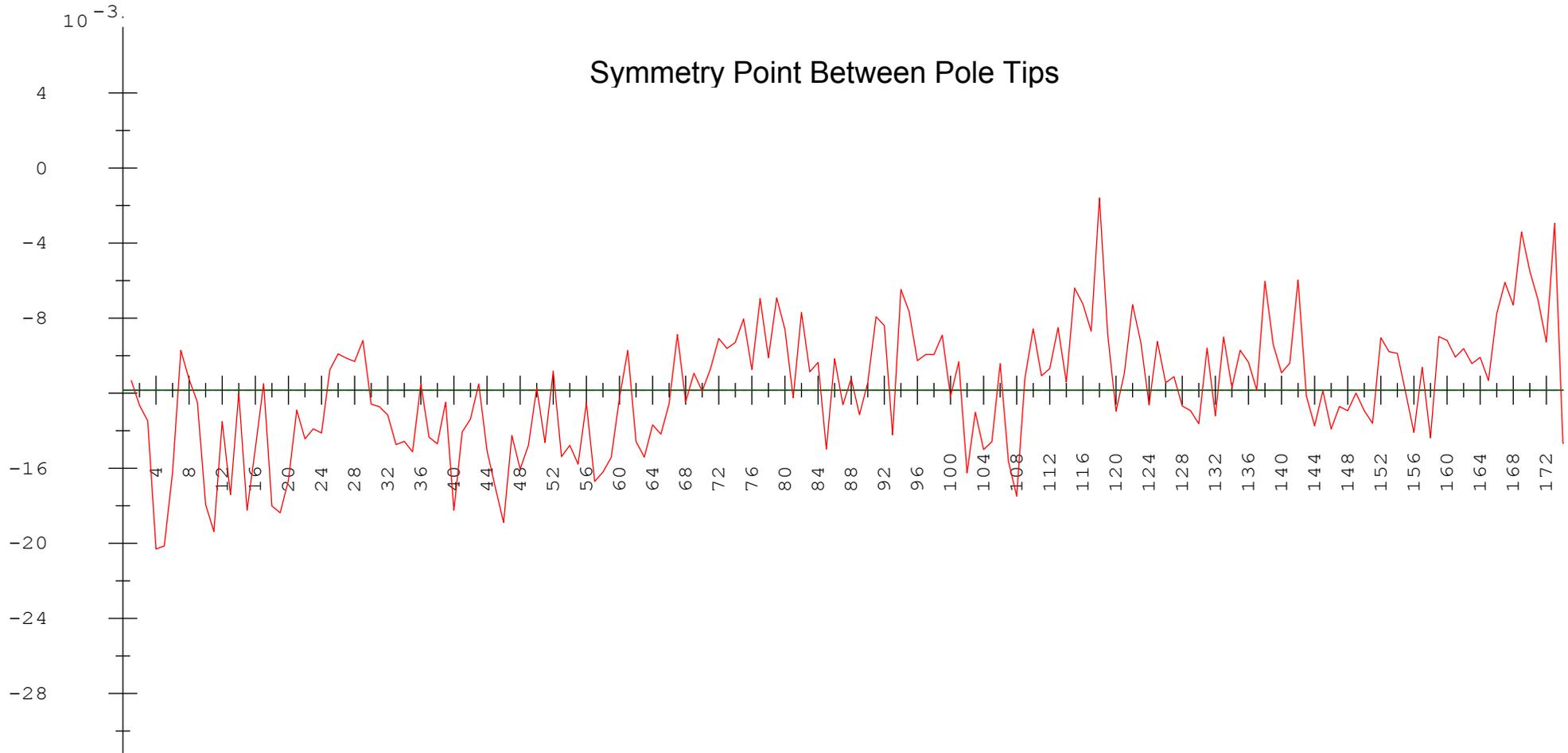


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0118

Step Between Measured Pole Tips = 1

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>	4.9892	4.9905	4.9937	4.9950
<b>Bottom</b>	-5.0186	-5.0174	-5.0142	-5.0130
<b>Gap</b>	10.0078			10.0080
<b>Taper</b>				0.0002

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9921	-5.0158	10.0079	-0.0118

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.775</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.002</b>
<b>Minimum Effective Gap</b>	<b>9.959</b>
<b>Reference Block Gap</b>	<b>6.806</b>

Dimensions in mm



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