

Minimum Effective Gap = 10.000

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

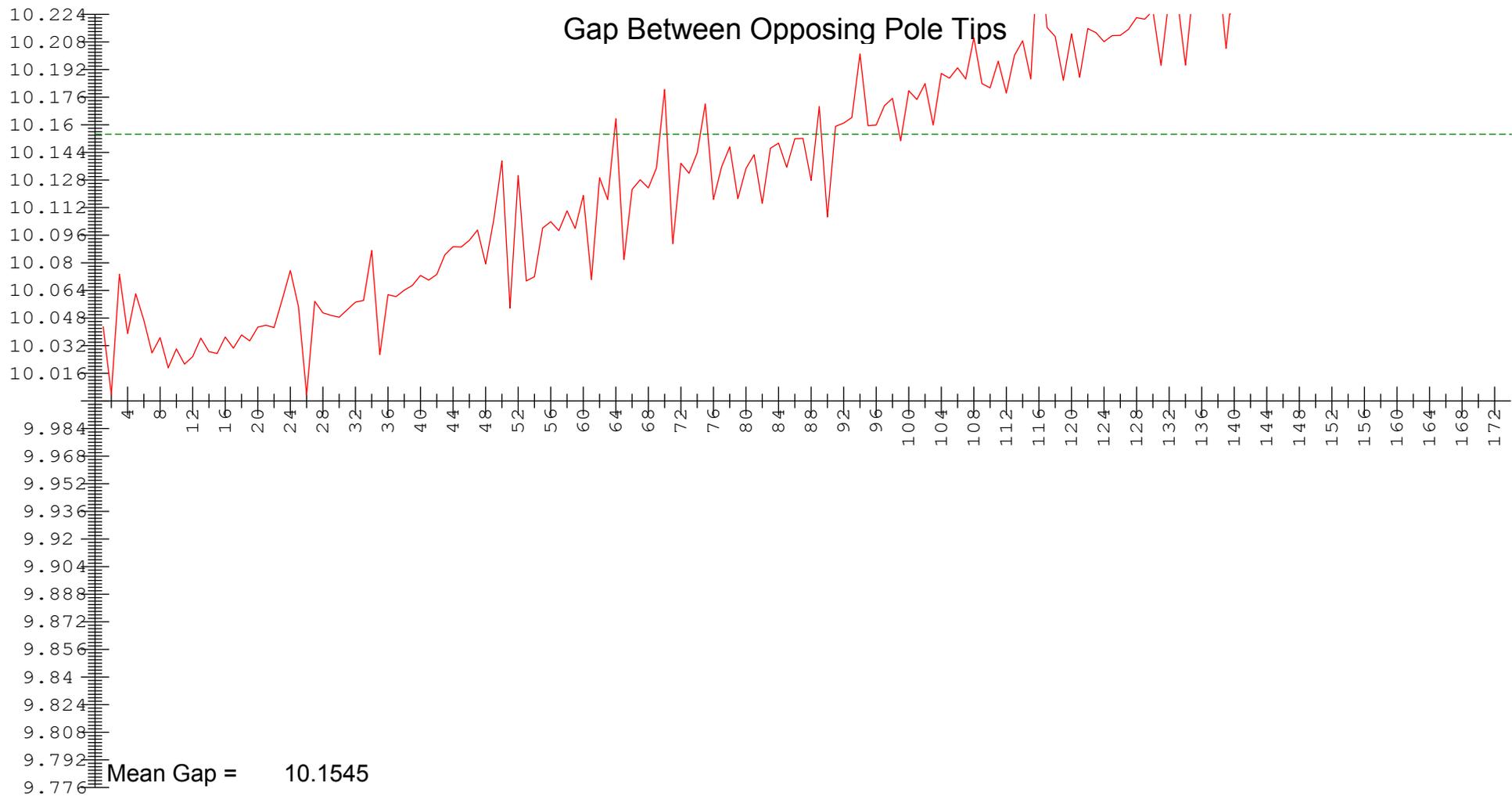
Regression Line Through Points =   
Dimensions in mm



**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.300  
Gap Reading = 10.1500      US Encoder = 10.0000      DS Encoder = 10.3000

15-AUG-2018  
S/N = 011  
D/S = 0002  
Run = 5



Step Between Measured Pole Tips = 1

Dimensions in mm

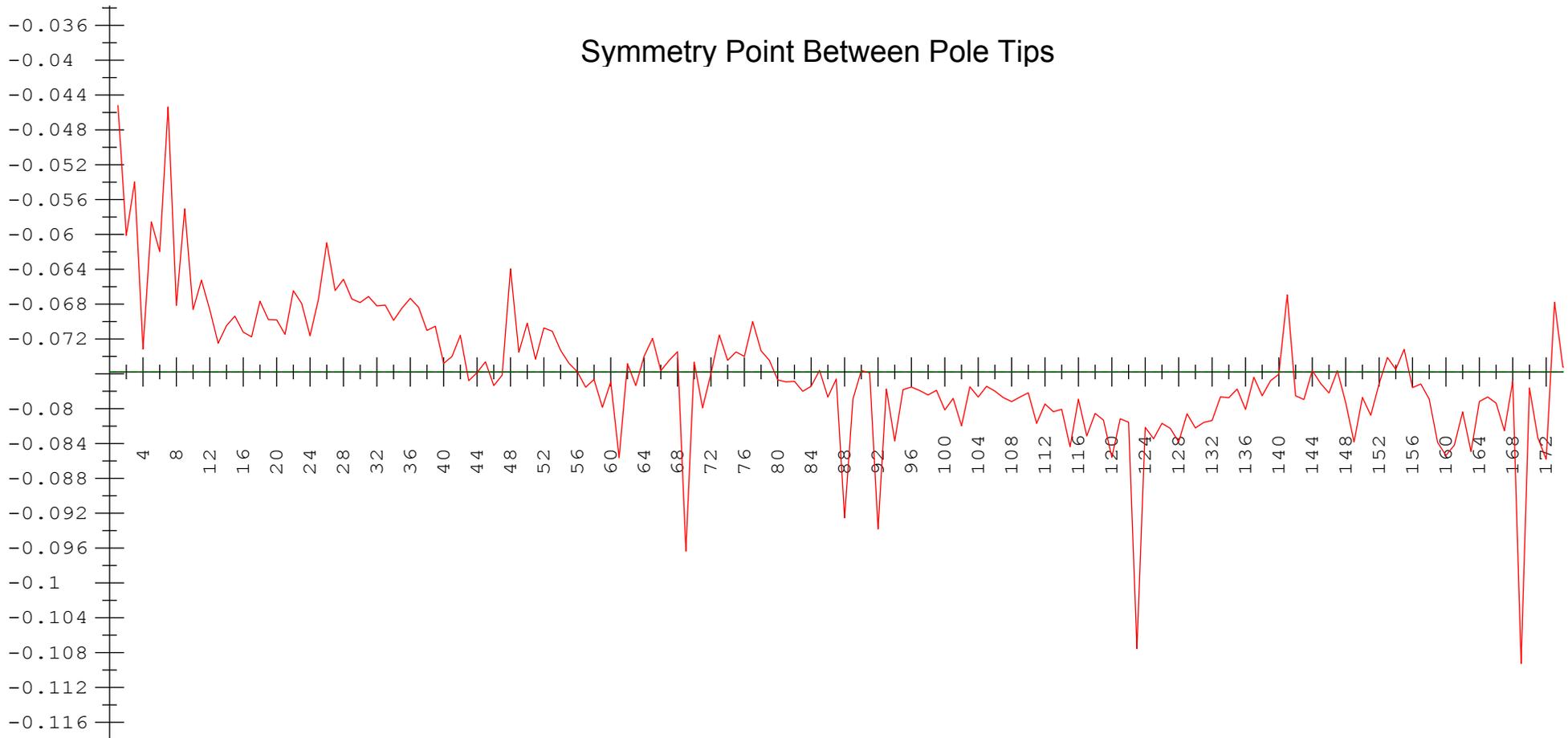


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0758

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>	4.9392	4.9665	5.0357	5.0638
<b>Bottom</b>	-5.0733	-5.1084	-5.1968	-5.2328
<b>Gap</b>	10.0125			10.2966
<b>Taper</b>				0.2841

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0015	-5.1531	10.1545	-0.0758

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.841</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.037</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.047</b>
<b>Minimum Effective Gap</b>	<b>10.000</b>
<b>Reference Block Gap</b>	<b>6.805</b>

Dimensions in mm



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