

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points = -----

Dimensions in mm



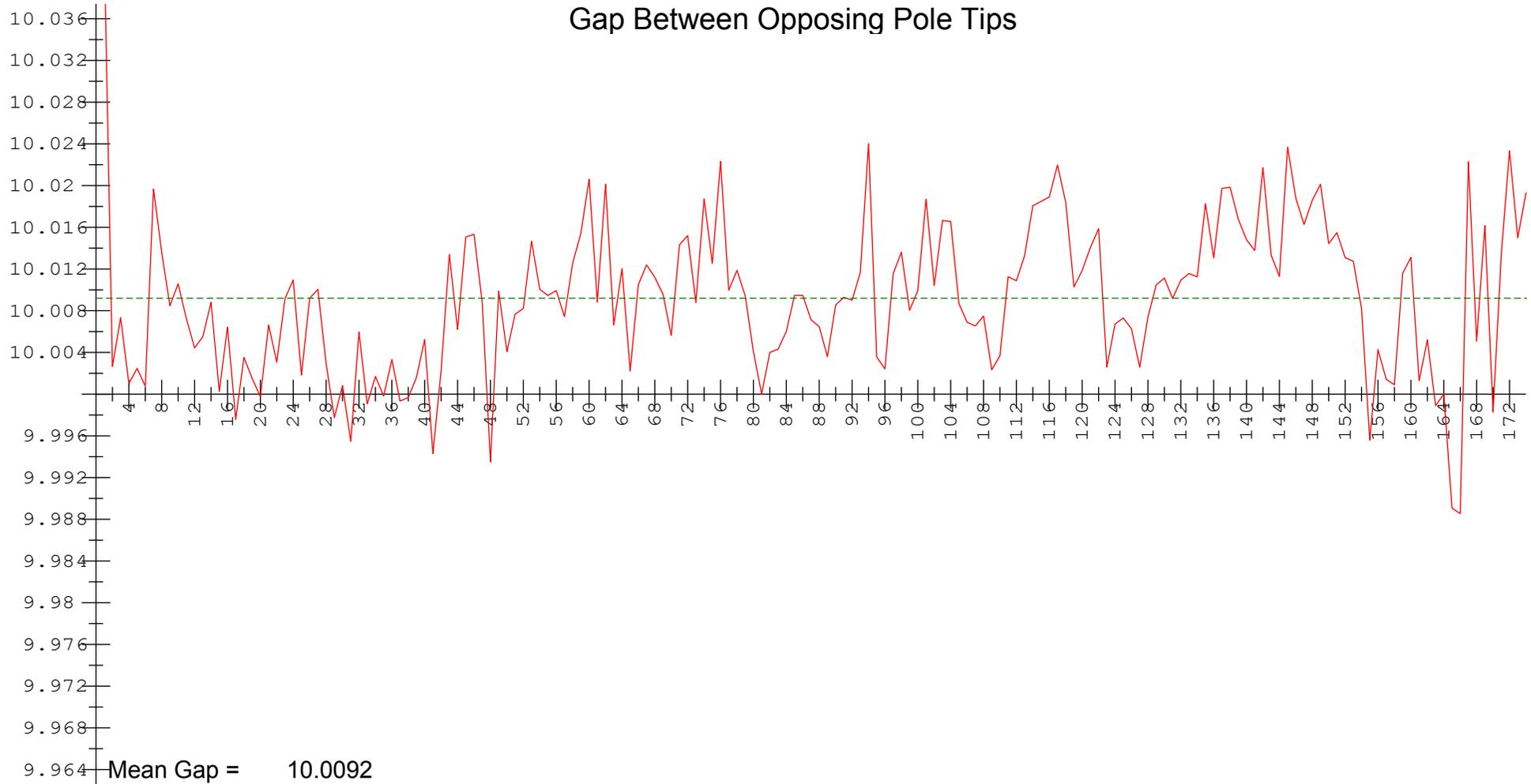
**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000  
 Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

07-JUN-2018

S/N = 011  
 D/S = 0001  
 Run = 15

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

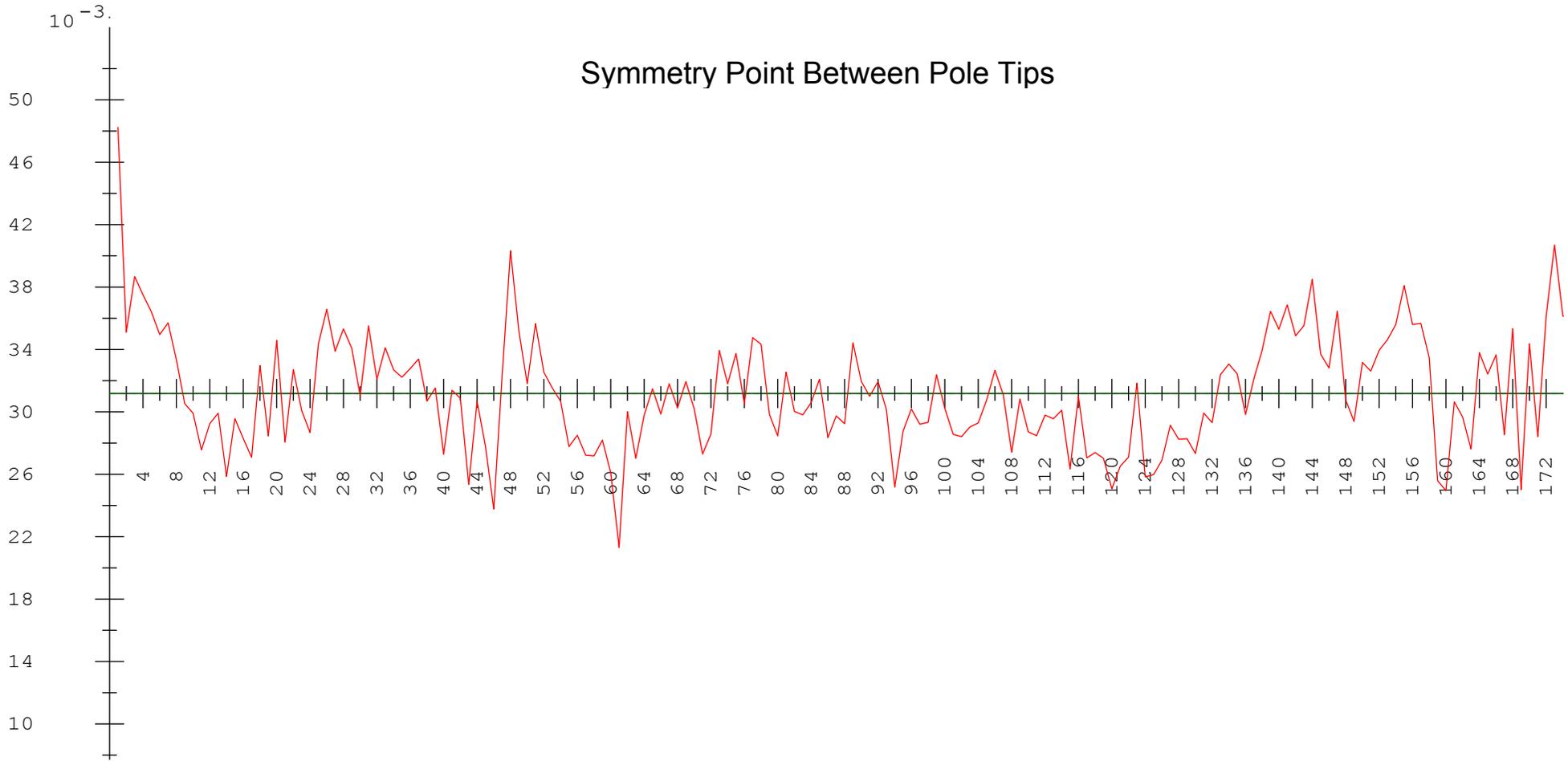


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0312

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>	5.0345	5.0351	5.0365	5.0371
<b>Bottom</b>	-4.9719	-4.9726	-4.9743	-4.9750
<b>Gap</b>	10.0063			10.0121
<b>Taper</b>				0.0057

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0358	-4.9734	10.0092	0.0312

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.744</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.001</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.001</b>
<b>Minimum Effective Gap</b>	<b>9.982</b>
<b>Reference Block Gap</b>	<b>6.806</b>

Dimensions in mm



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