

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



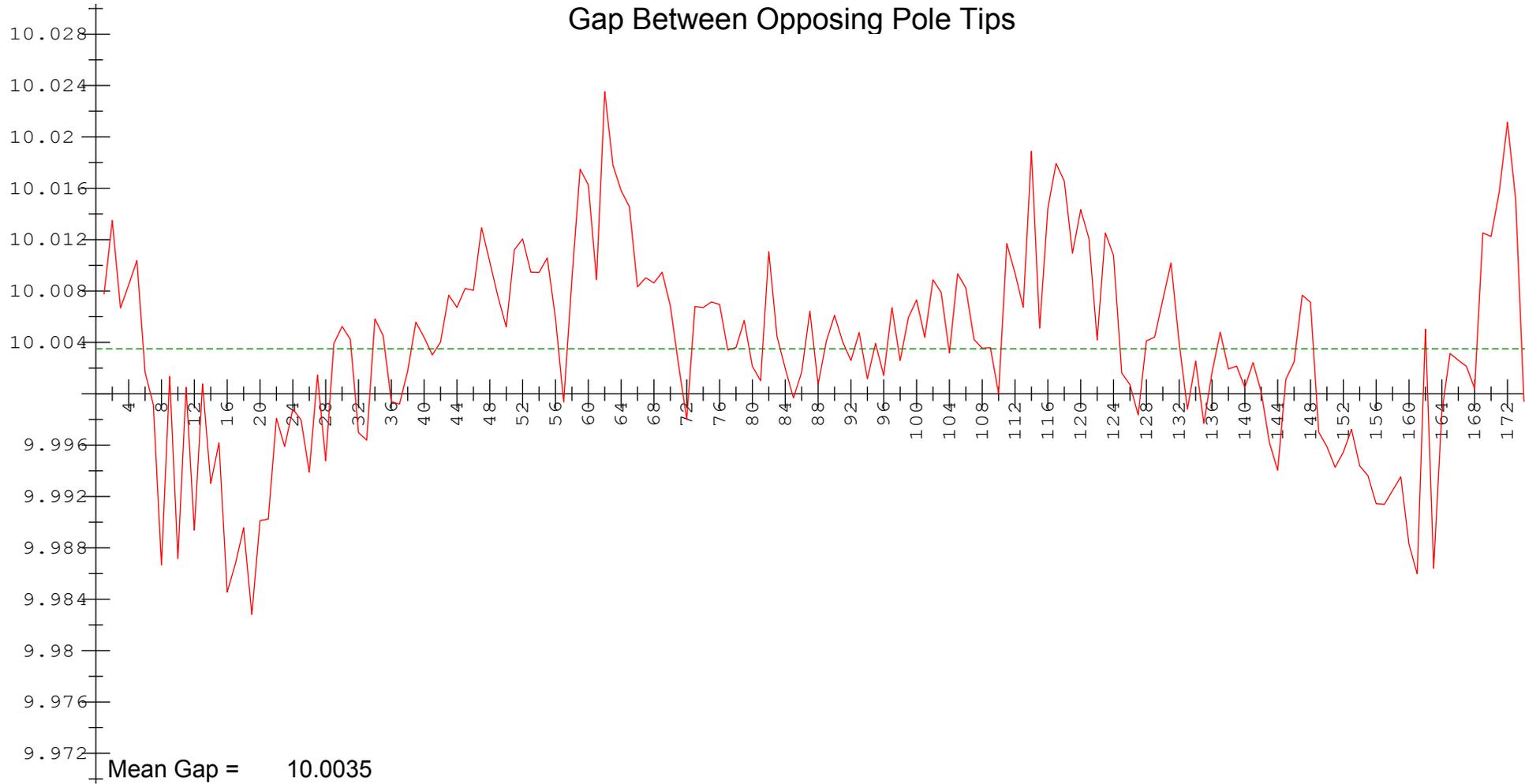
## LCLS II - SXR Undulator

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

03-OCT-2018

S/N = 015  
 D/S = 0001  
 Run = 9

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

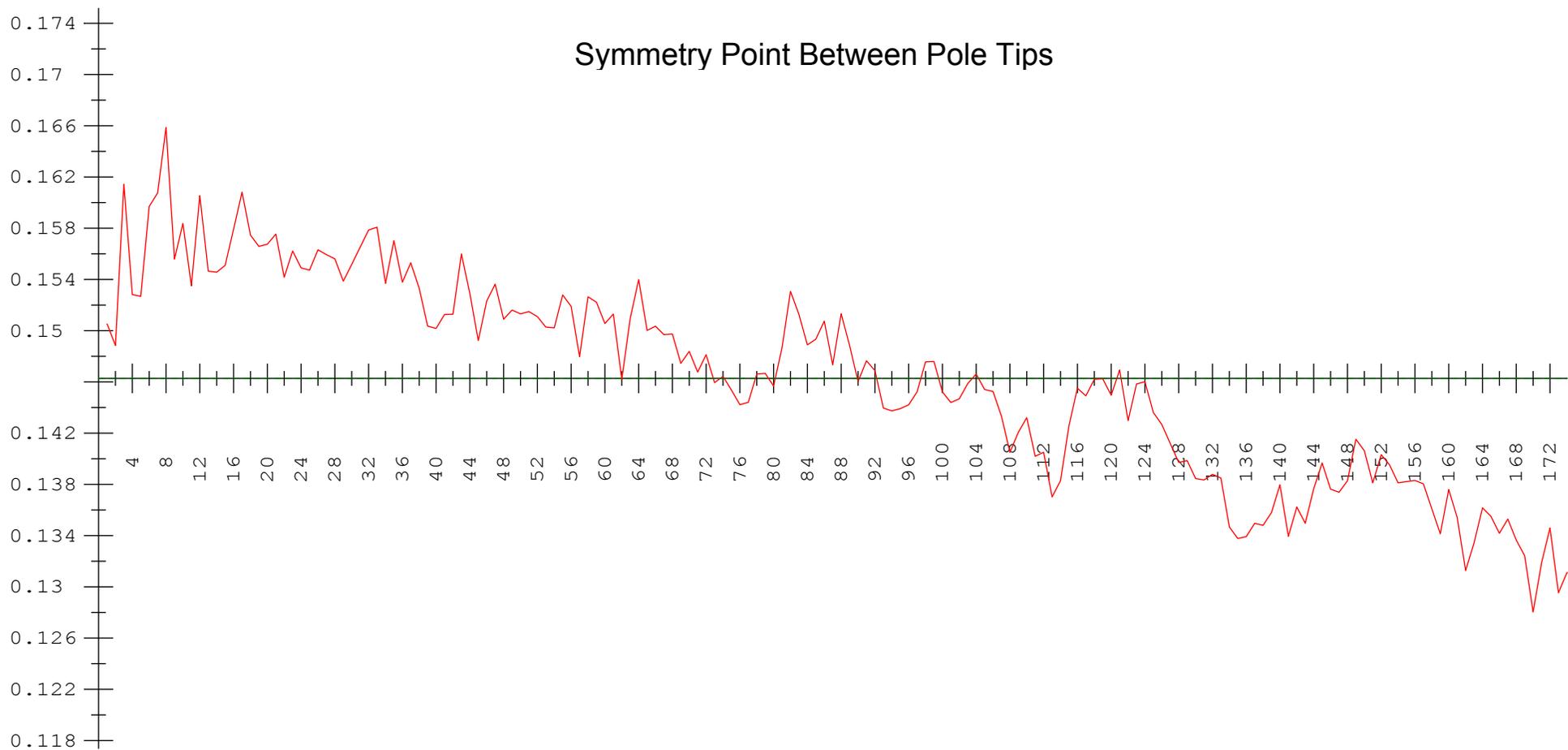
Dimensions in mm



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Mean Symmetry Value = 0.1463

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>	5.1603	5.1549	5.1413	5.1357
<b>Bottom</b>	-4.8425	-4.8482	-4.8626	-4.8685
<b>Gap</b>	10.0028			10.0042
<b>Taper</b>				0.0014

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1480	-4.8555	10.0035	0.1463

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.409</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.007</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.008</b>
<b>Minimum Effective Gap</b>	<b>9.954</b>
<b>Reference Block Gap</b>	<b>6.807</b>

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