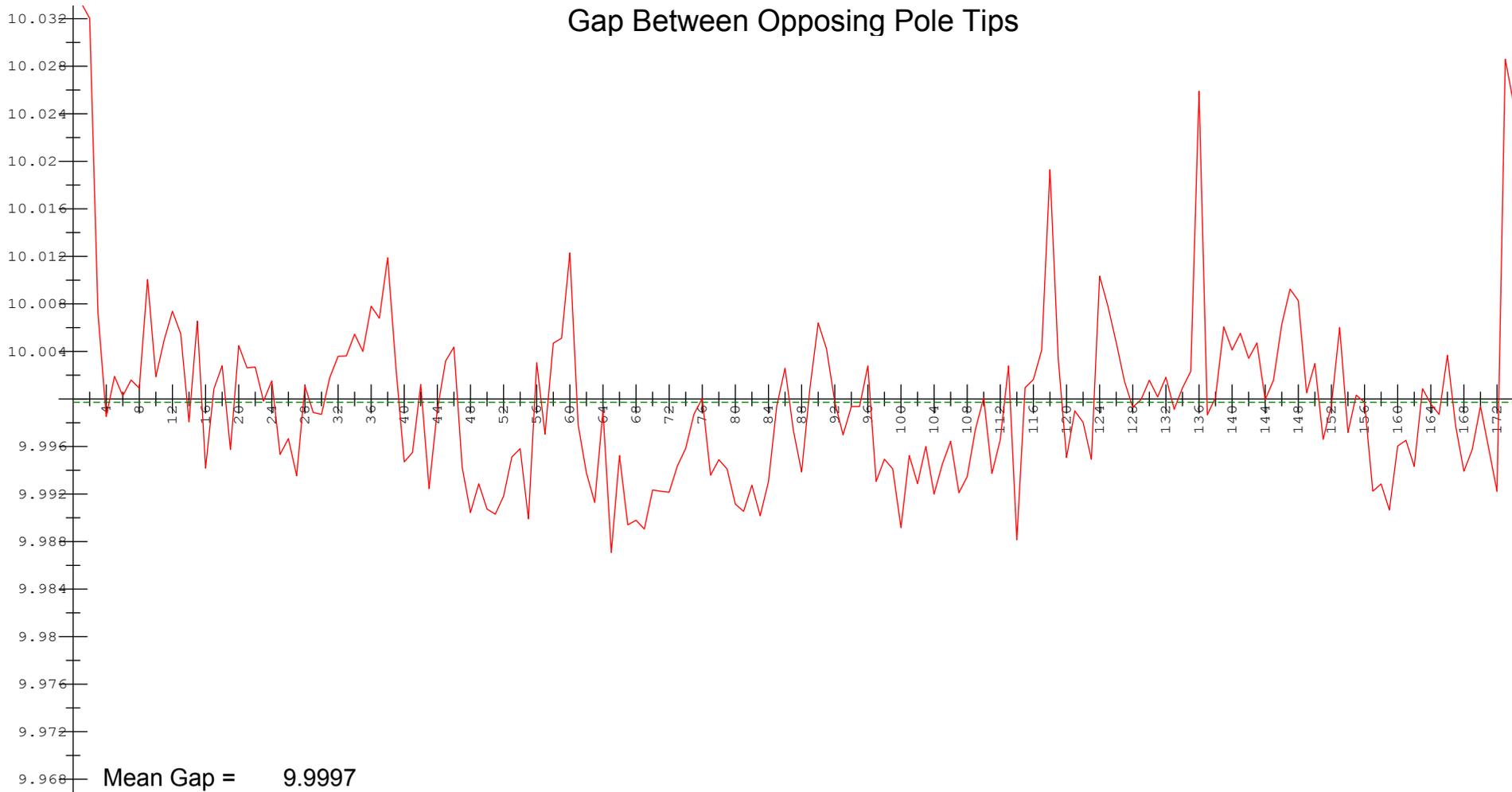


Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 1

Regression Line Through Points =   
 Dimensions in mm

	<p><b>LCLS II - SXR Undulator</b></p> <p>Nominal Gap = 10</p> <p>Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000</p>	<p>13-MAR-2018</p> <p>S/N = 007</p> <p>D/S = 0001</p> <p>Run = 27</p>
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### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10

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

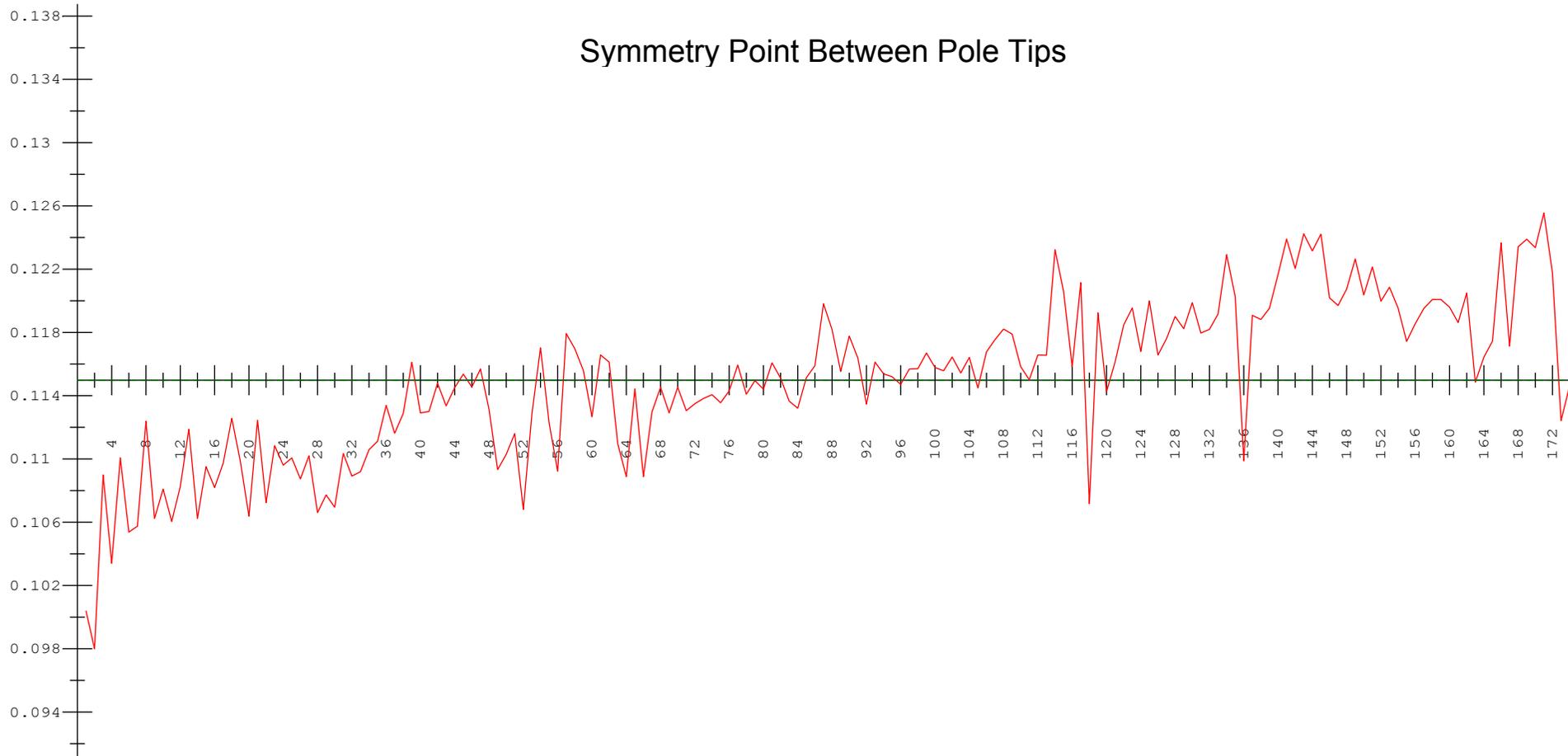
13-MAR-2018

S/N = 007

D/S = 0001

Run = 27

### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1150

Step Between Measured Pole Tips = 1

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 10

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

13-MAR-2018

S/N = 007

D/S = 0001

Run = 27

## 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>	5.1080	5.1110	5.1186	5.1216
<b>Bottom</b>	-4.8921	-4.8889	-4.8809	-4.8777
<b>Gap</b>	10.0001			9.9993
<b>Taper</b>				-0.0008

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1148	-4.8849	9.9997	0.1150

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.180</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.004</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.004</b>
<b>Minimum Effective Gap</b>	<b>9.974</b>
<b>Reference Block Gap</b>	<b>6.811</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10

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

13-MAR-2018  
S/N = 007  
D/S= 0001  
Run= 27