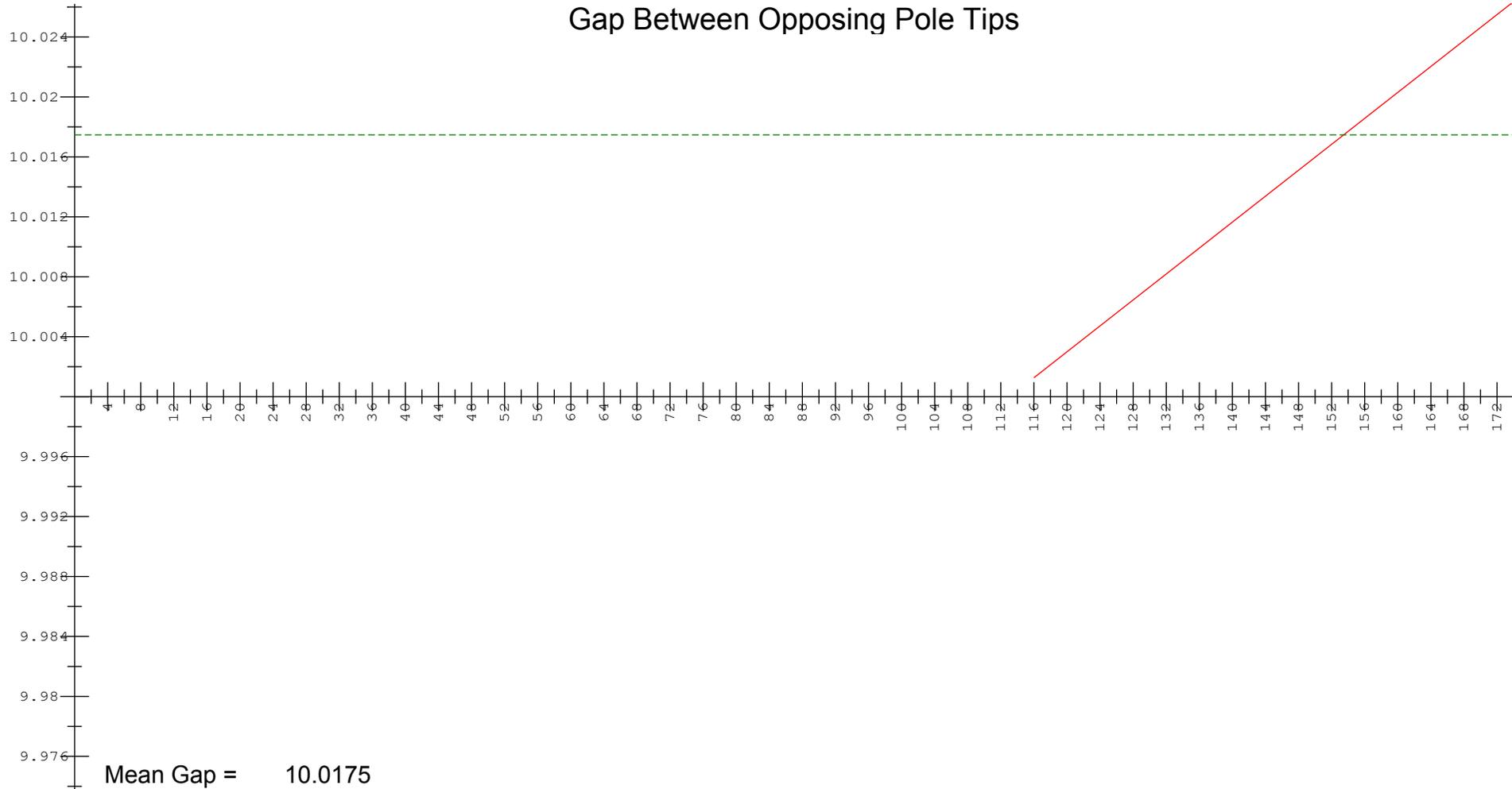


Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 115

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= 24</p>
--	--	---

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 115

Dimensions in mm



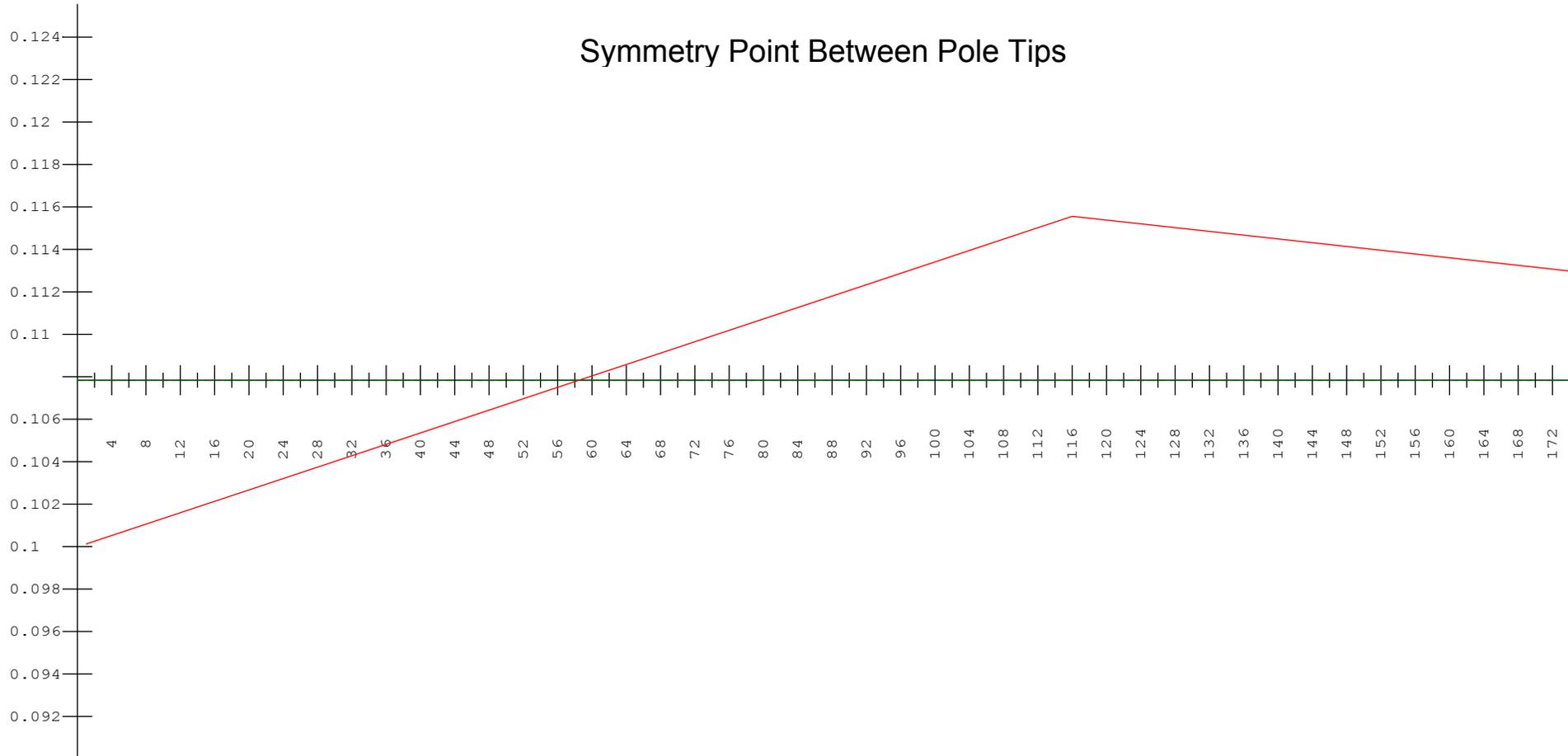
## LCLS II - SXR Undulator

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 = 24

### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1078

Step Between Measured Pole Tips = 115

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 = 24

## 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>	5.1155	5.1172	5.1215	5.1232
<b>Bottom</b>	-4.9123	-4.9077	-4.8961	-4.8914
<b>Gap</b>	10.0277			10.0146
<b>Taper</b>				-0.0132

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1166	-4.9009	10.0175	0.1078

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.180</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.006</b>
<b>Minimum Effective Gap</b>	<b>10.001</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= 24