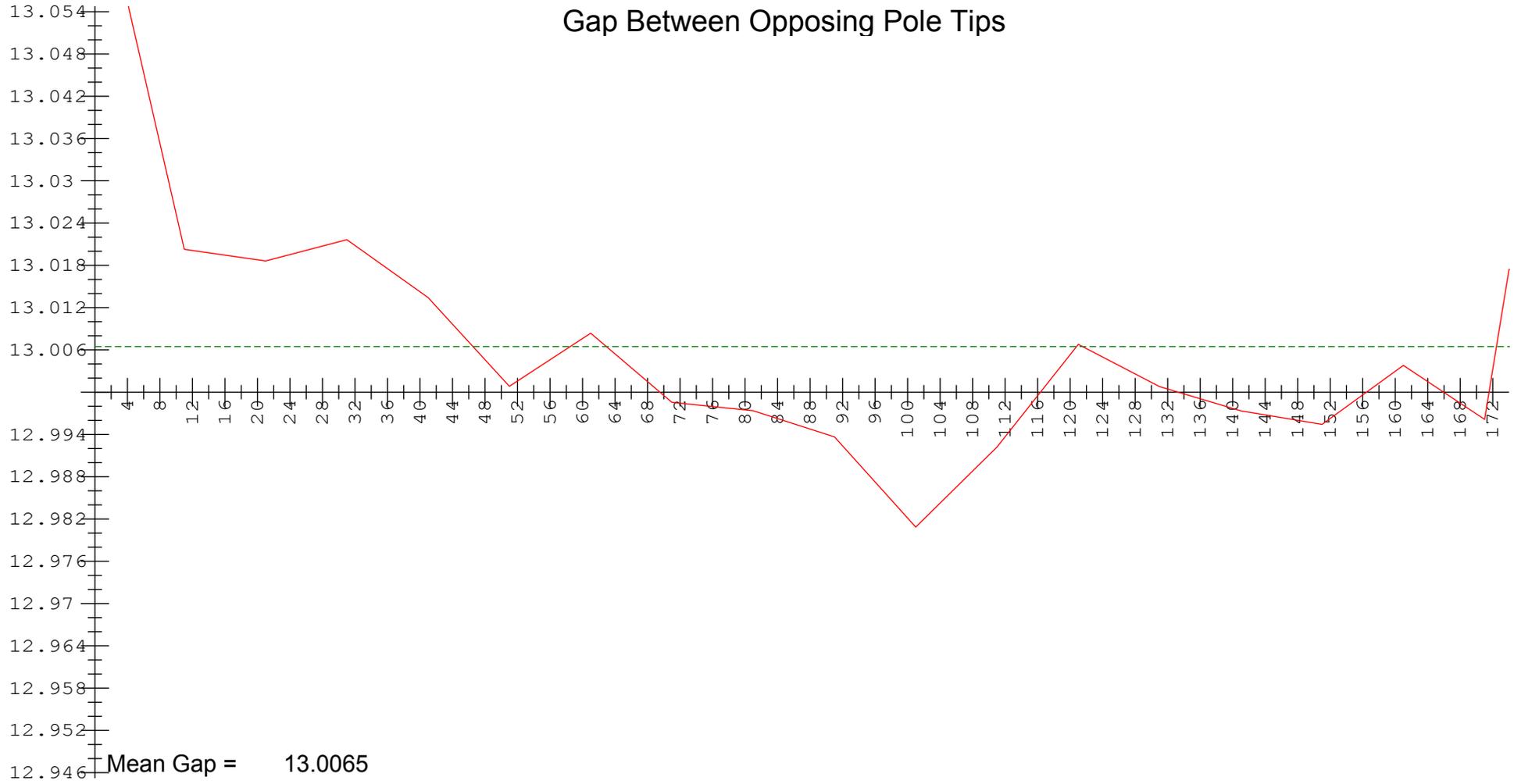


Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 10

Regression Line Through Points = -----  
 Dimensions in mm

	<b>LCLS II - SXR Undulator</b>		29-MAR-2018
	Nominal Gap = 13		S/N = 008
	Nominal Taper = 0		D/S = 0001
Gap Reading = 10.0000		US Encoder = 10.0000	Run = 10
DS Encoder = 10.0000			

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

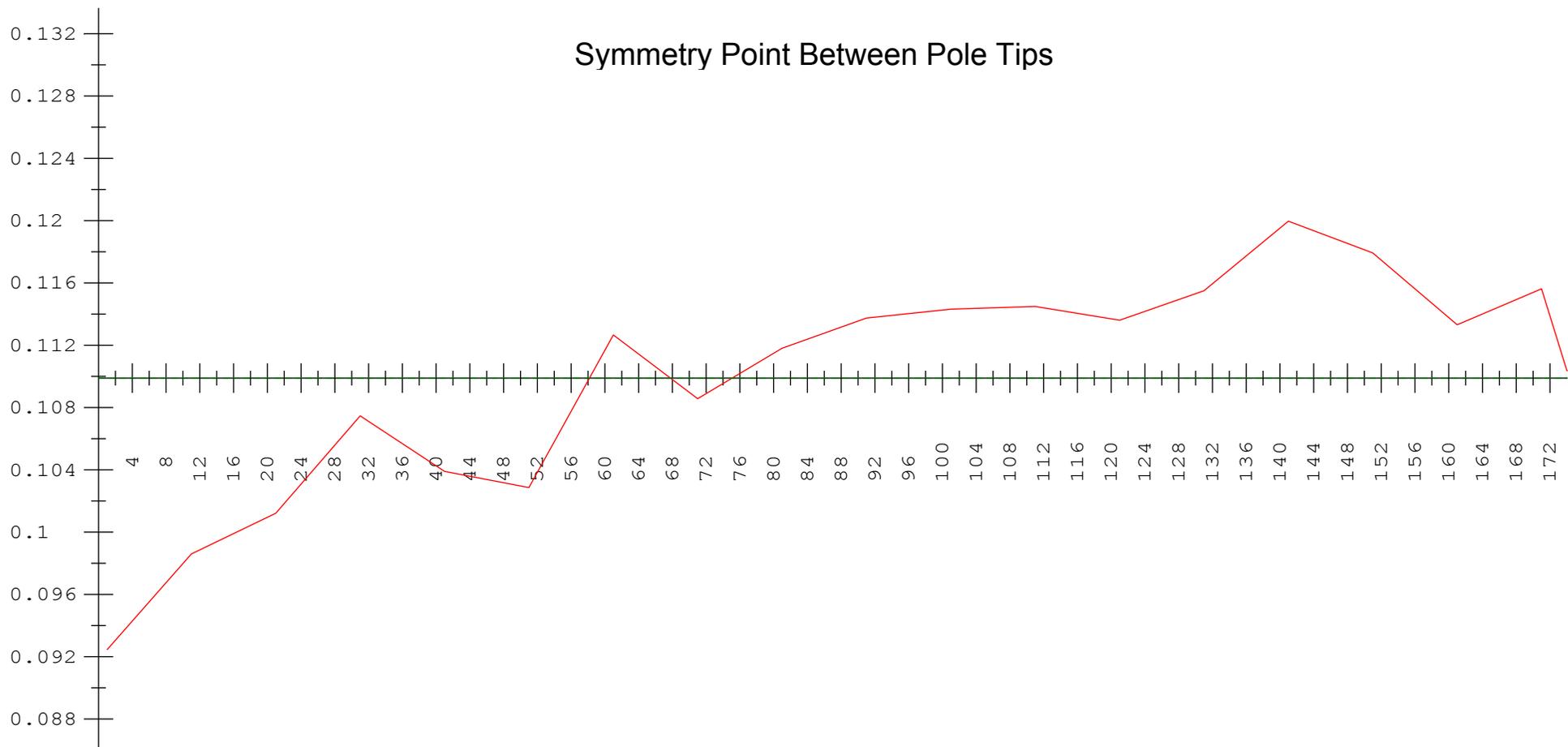
Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 13      Nominal Taper = 0  
 Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

29-MAR-2018  
 S/N = 008  
 D/S = 0001  
 Run = 10



Mean Symmetry Value = 0.1099

Step Between Measured Pole Tips = 10

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 13                      Nominal Taper = 0  
 Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000

29-MAR-2018  
 S/N = 008  
 D/S = 0001  
 Run = 10

## 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>	6.6124	6.6128	6.6140	6.6144
<b>Bottom</b>	-6.4116	-6.4040	-6.3847	-6.3769
<b>Gap</b>	13.0240			12.9913
<b>Taper</b>				-0.0327

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.6131	-6.3933	13.0065	0.1099

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.390</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.001</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.010</b>
<b>Minimum Effective Gap</b>	<b>12.979</b>
<b>Reference Block Gap</b>	<b>6.803</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 13                      Nominal Taper = 0  
 Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

29-MAR-2018  
 S/N = 008  
 D/S= 0001  
 Run= 10