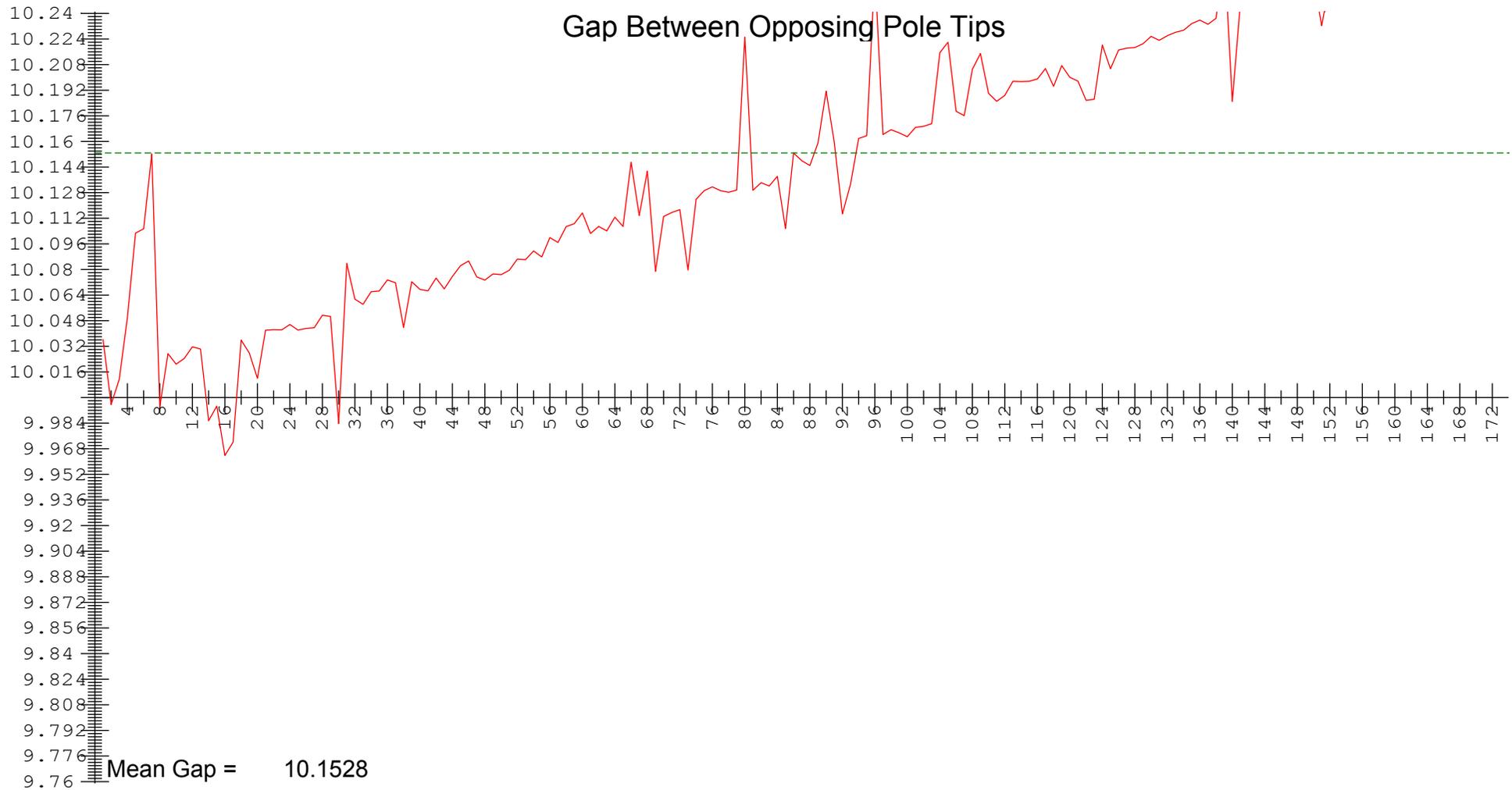


Minimum Effective Gap = 9.964

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

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

	<b>LCLS II - SXR Undulator</b>		23-MAR-2018
	Nominal Gap = 10	Nominal Taper = 0.3	S/N = 007
Gap Reading = 10.0000	US Encoder = 10.0000	DS Encoder = 10.0000	D/S = 0001
			Run = 7



Step Between Measured Pole Tips = 1

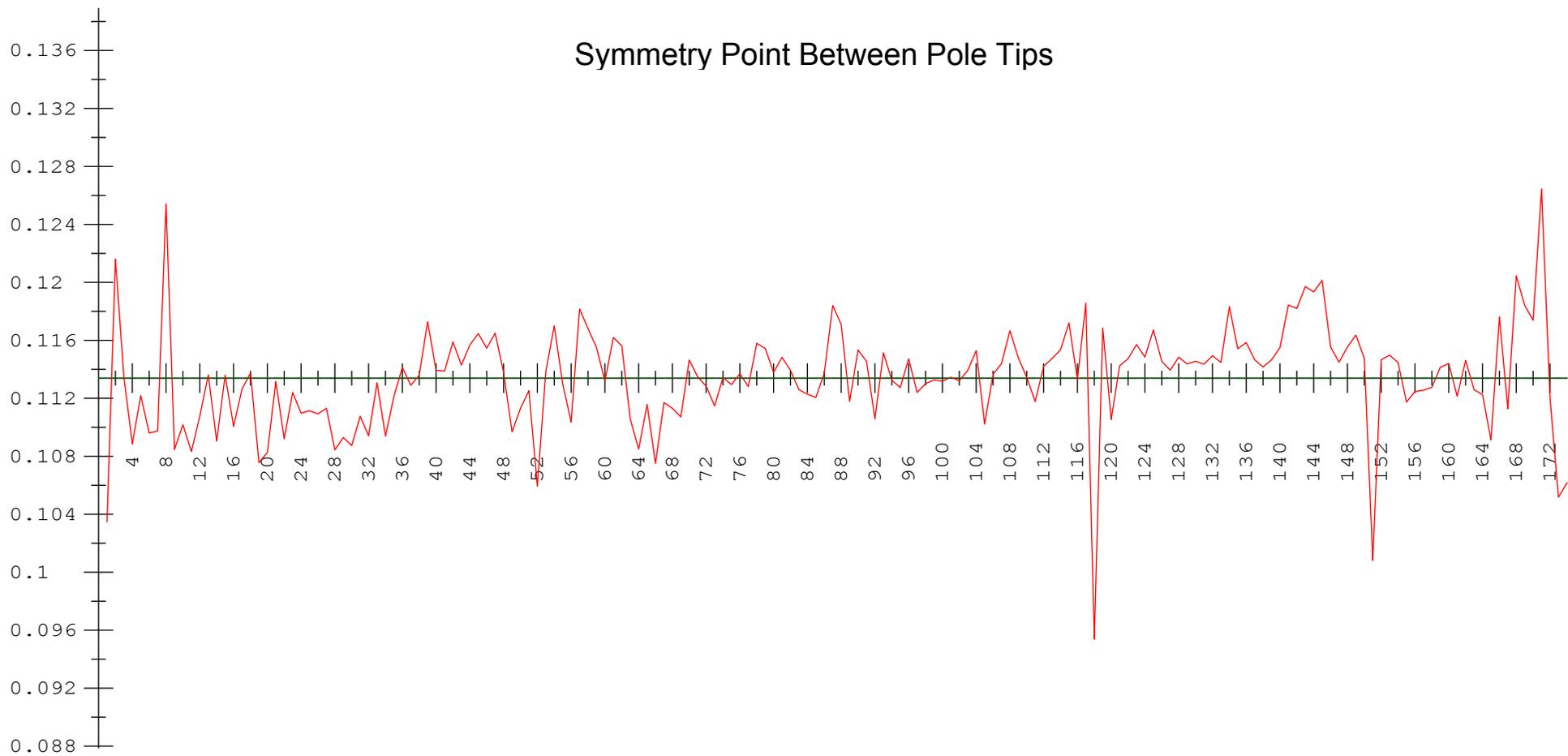
Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.3  
 Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000

23-MAR-2018  
 S/N = 007  
 D/S = 0001  
 Run = 7



Mean Symmetry Value = 0.1134

Step Between Measured Pole Tips = 1

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 10                      Nominal Taper = 0.3  
 Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000

23-MAR-2018  
 S/N = 007  
 D/S = 0001  
 Run = 7

## 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>	5.1140	5.1473	5.2314	5.2656
<b>Bottom</b>	-4.8905	-4.9224	-5.0029	-5.0356
<b>Gap</b>	10.0045			10.3012
<b>Taper</b>				0.2967

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1898	-4.9630	10.1528	0.1134

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.160</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.045</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.043</b>
<b>Minimum Effective Gap</b>	<b>9.964</b>
<b>Reference Block Gap</b>	<b>6.803</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10                      Nominal Taper = 0.3  
 Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

23-MAR-2018  
 S/N = 007  
 D/S= 0001  
 Run= 7