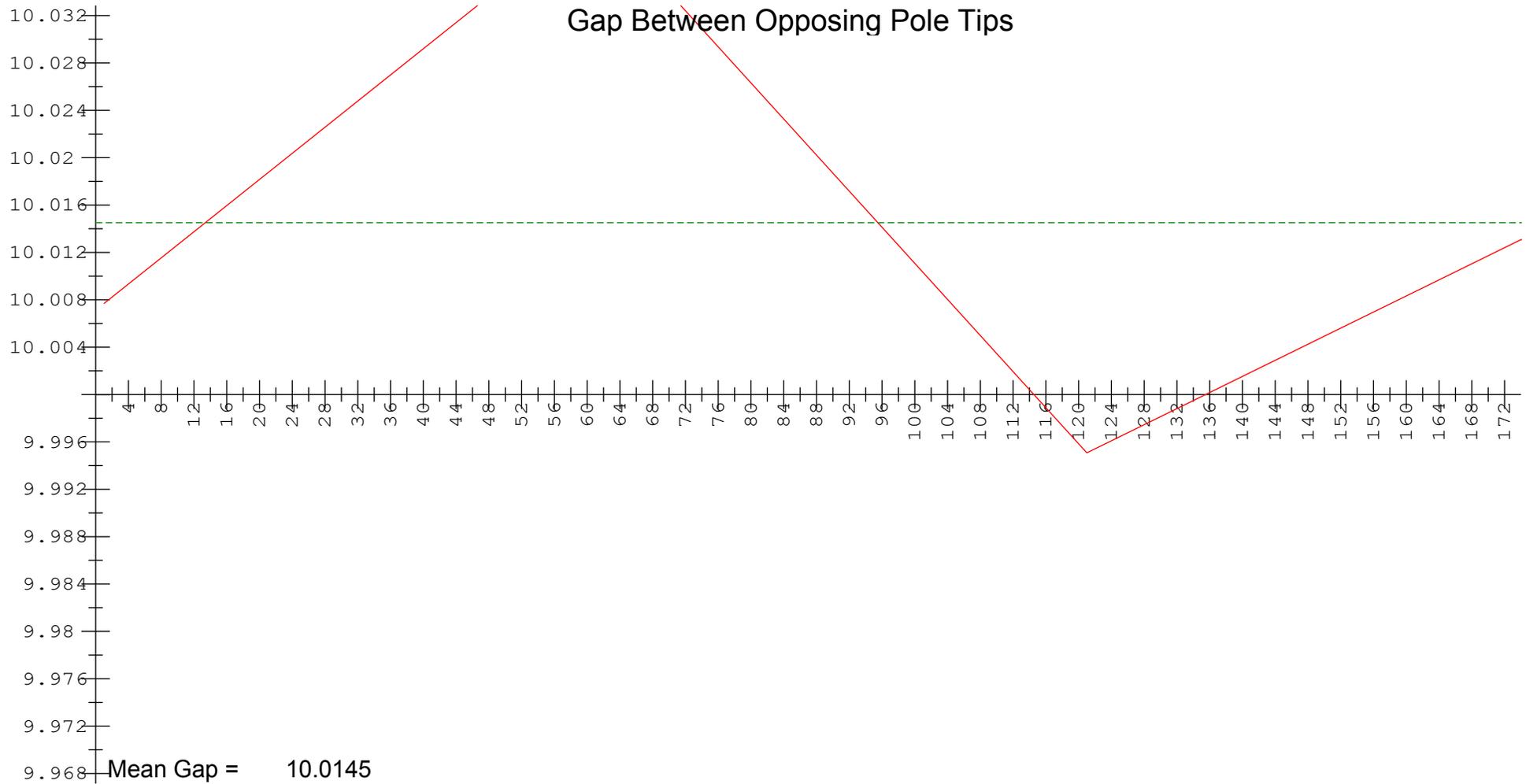


Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 60

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

	<h2>LCLS II - SXR Undulator</h2>		31-JUL-2019
	Nominal Gap = 10 Gap Reading = 0.0000	Nominal Taper = 0.000 US Encoder = 0.0000	S/N = 001 D/S = 0007 Run = 18



Step Between Measured Pole Tips = 60

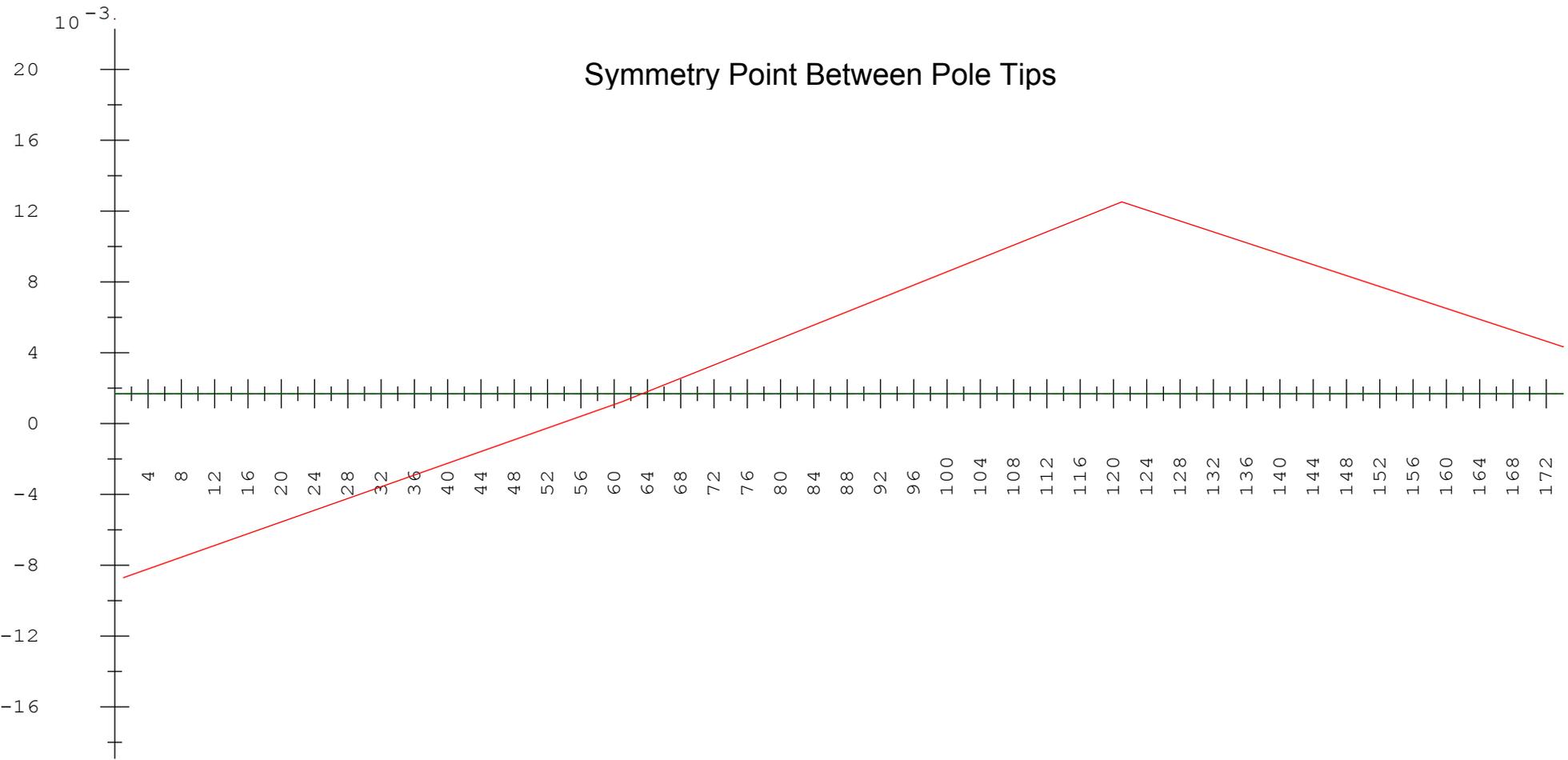
Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 10                      Nominal Taper = 0.000  
 Gap Reading = 0.0000      US Encoder = 0.0000      DS Encoder = 0.0000

31-JUL-2019  
 S/N = 001  
 D/S = 0007  
 Run = 18



Mean Symmetry Value = 0.0017

Step Between Measured Pole Tips = 60

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000  
 Gap Reading = 0.0000      US Encoder = 0.0000      DS Encoder = 0.0000

31-JUL-2019  
 S/N = 001  
 D/S = 0007  
 Run = 18

## 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>	5.0038	5.0063	5.0123	5.0148
<b>Bottom</b>	-5.0149	-5.0105	-4.9994	-4.9949
<b>Gap</b>	10.0188			10.0097
<b>Taper</b>				-0.0090

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0089	-5.0056	10.0145	0.0017

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.086</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.003</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.006</b>
<b>Minimum Effective Gap</b>	<b>9.980</b>
<b>Reference Block Gap</b>	<b>6.805</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10                      Nominal Taper = 0.000  
 Gap Reading = 0.0000      US Encoder = 0.0000      DS Encoder = 0.0000

31-JUL-2019  
 S/N = 001  
 D/S= 0007  
 Run= 18