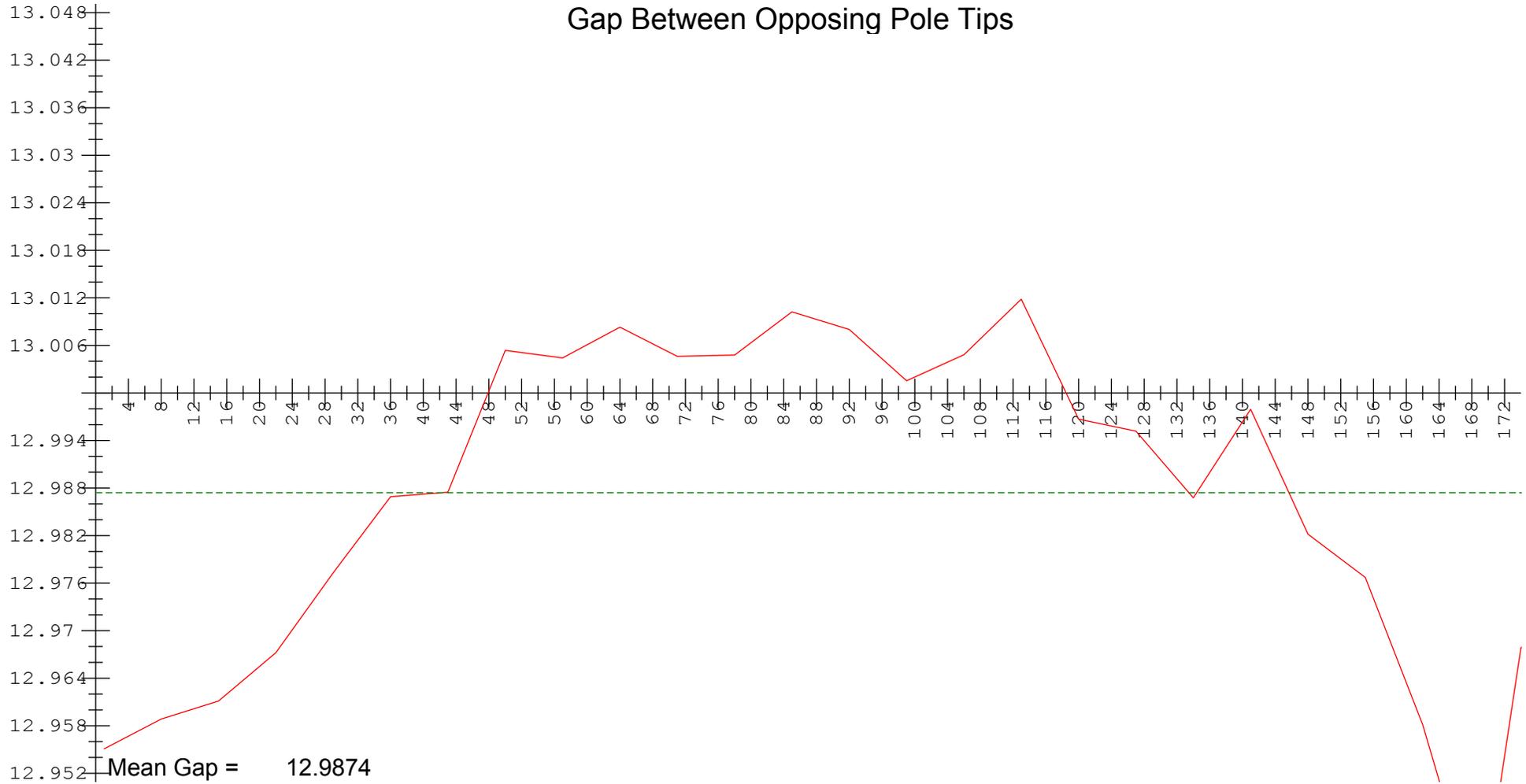


Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 7

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

	<b>LCLS II - SXR Undulator</b>		11-FEB-2019
	Nominal Gap = 13		S/N = 020
	Nominal Taper = 0.000		D/S = 0001
Gap Reading = 13.0000		US Encoder = 13.0000	Run = 8
DS Encoder = 13.0000			

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

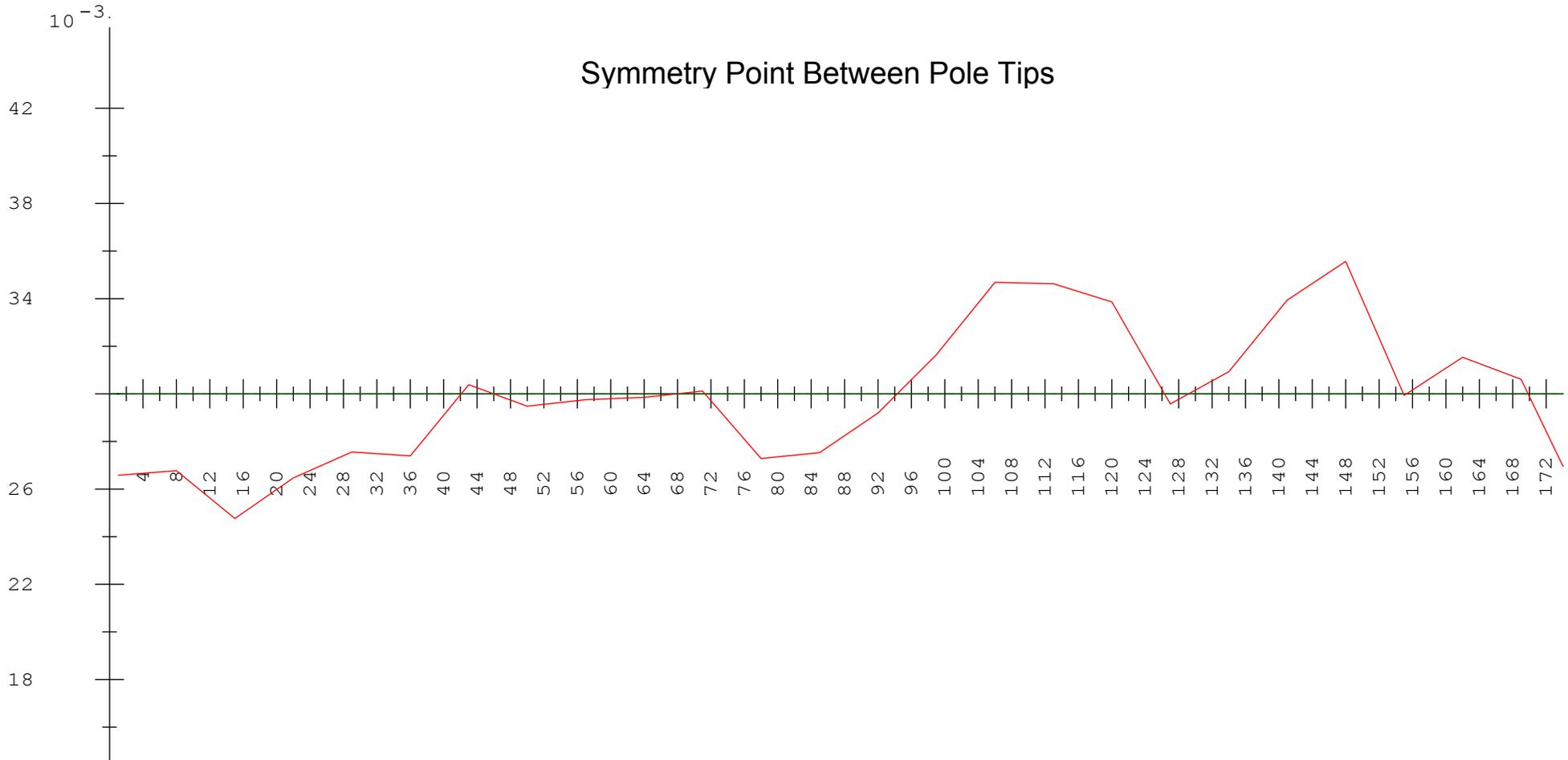


## LCLS II - SXR Undulator

Nominal Gap = 13      Nominal Taper = 0.000  
 Gap Reading = 13.0000      US Encoder = 13.0000      DS Encoder = 13.0000

11-FEB-2019  
 S/N = 020  
 D/S = 0001  
 Run = 8

### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0300

Step Between Measured Pole Tips = 7

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 13      Nominal Taper = 0.000  
 Gap Reading = 13.0000      US Encoder = 13.0000      DS Encoder = 13.0000

11-FEB-2019  
 S/N = 020  
 D/S = 0001  
 Run = 8

## 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>	6.5205	6.5217	6.5246	6.5259
<b>Bottom</b>	-6.4664	-6.4651	-6.4619	-6.4606
<b>Gap</b>	12.9869			12.9864
<b>Taper</b>				-0.0005

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.5237	-6.4637	12.9874	0.0300

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.504</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.002</b>
<b>Minimum Effective Gap</b>	<b>12.934</b>
<b>Reference Block Gap</b>	<b>6.811</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 13      Nominal Taper = 0.000  
 Gap Reading = 13.0000      US Encoder = 13.0000      DS Encoder = 13.0000

11-FEB-2019  
 S/N = 020  
 D/S= 0001  
 Run= 8