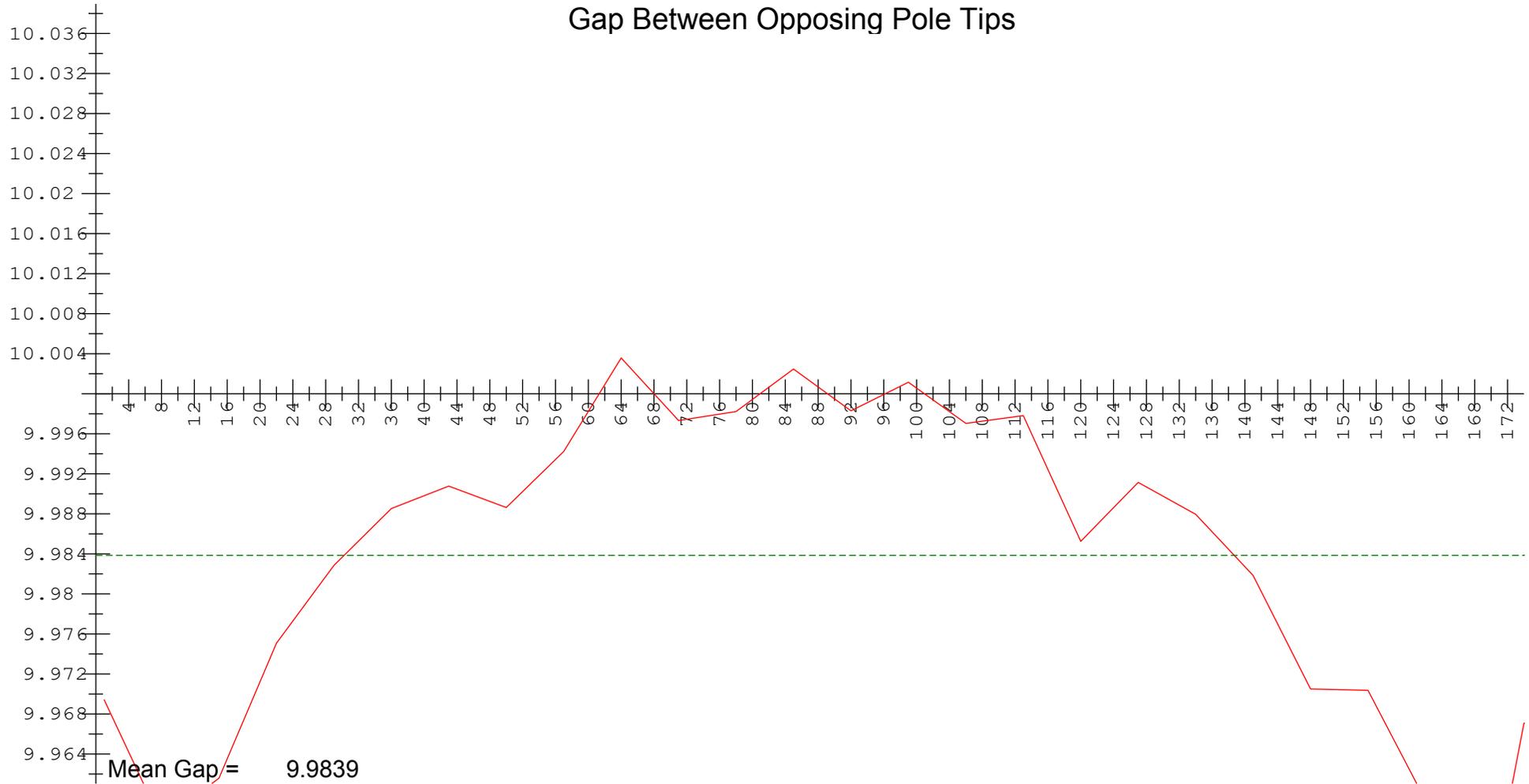


Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 7

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

	<b>LCLS II - SXR Undulator</b>		21-AUG-2018
	Nominal Gap = 10      Nominal Taper = 0.000		S/N = 014
	Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000		D/S = 0001
			Run = 4

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

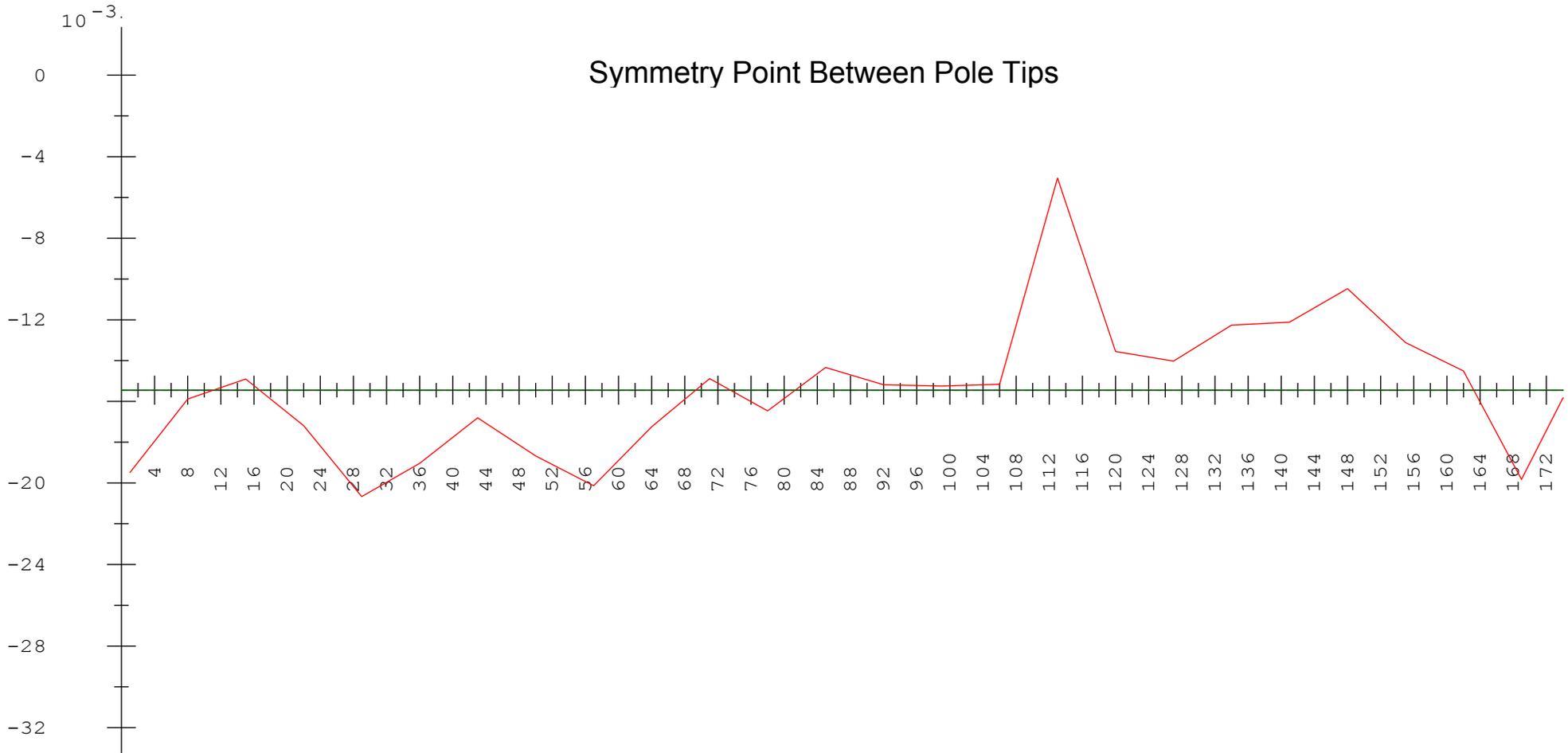


## LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000  
 Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

21-AUG-2018  
 S/N = 014  
 D/S = 0001  
 Run = 4

### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0155

Step Between Measured Pole Tips = 7

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000  
 Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

21-AUG-2018  
 S/N = 014  
 D/S = 0001  
 Run = 4

## 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>	4.9754	4.9757	4.9765	4.9769
<b>Bottom</b>	-5.0116	-5.0097	-5.0046	-5.0026
<b>Gap</b>	9.9870			9.9795
<b>Taper</b>				-0.0075

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9765	-5.0074	9.9839	-0.0155

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.941</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.000</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.003</b>
<b>Minimum Effective Gap</b>	<b>9.946</b>
<b>Reference Block Gap</b>	<b>6.806</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10                      Nominal Taper = 0.000  
 Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

21-AUG-2018  
 S/N = 014  
 D/S= 0001  
 Run= 4