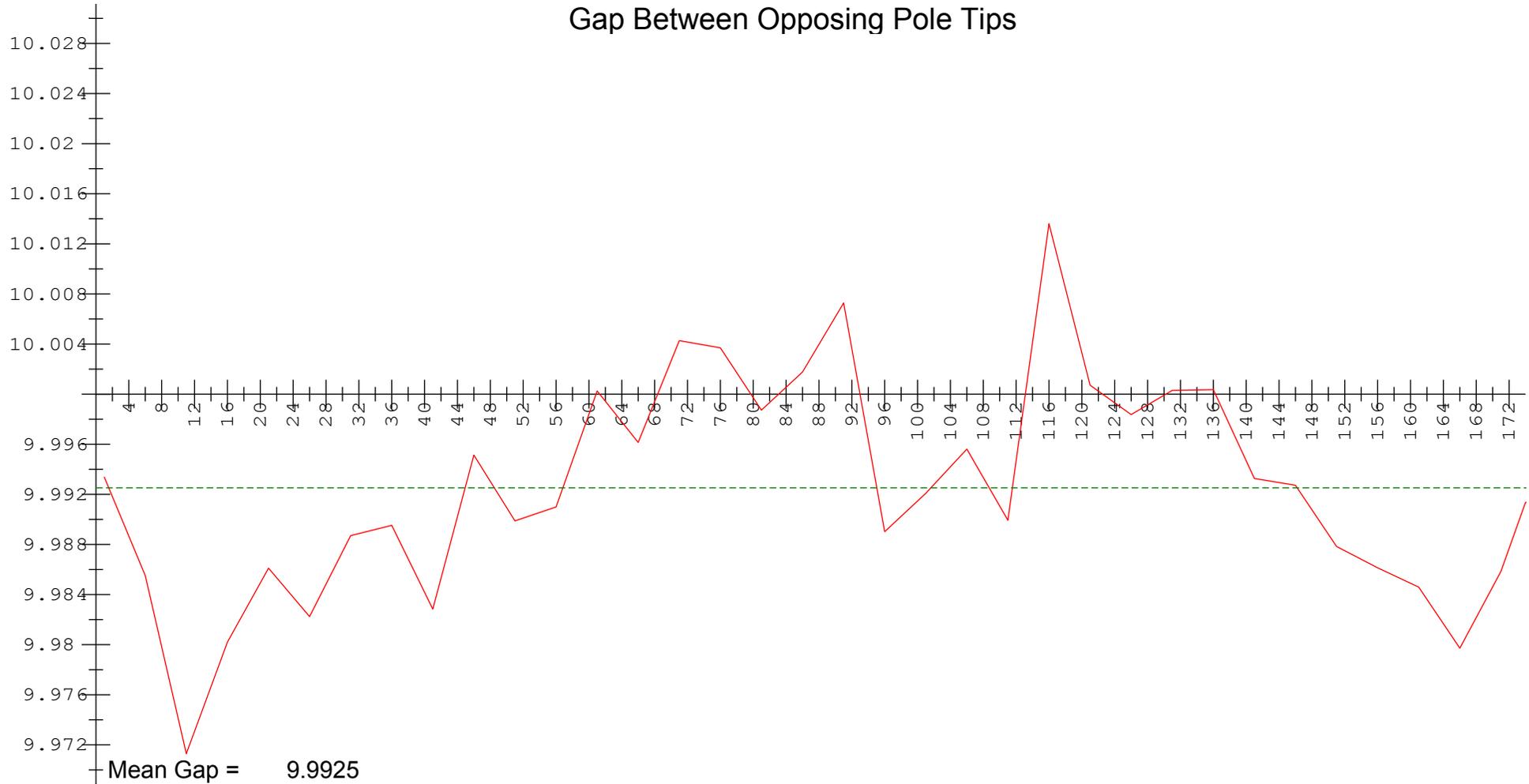


Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 5

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

	<b>LCLS II - SXR Undulator</b>		24-OCT-2018
	Nominal Gap = 10	Nominal Taper = 0.000	S/N = 016
	Gap Reading = 10.0000	US Encoder = 10.0001	DS Encoder = 10.0000
			Run = 6

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

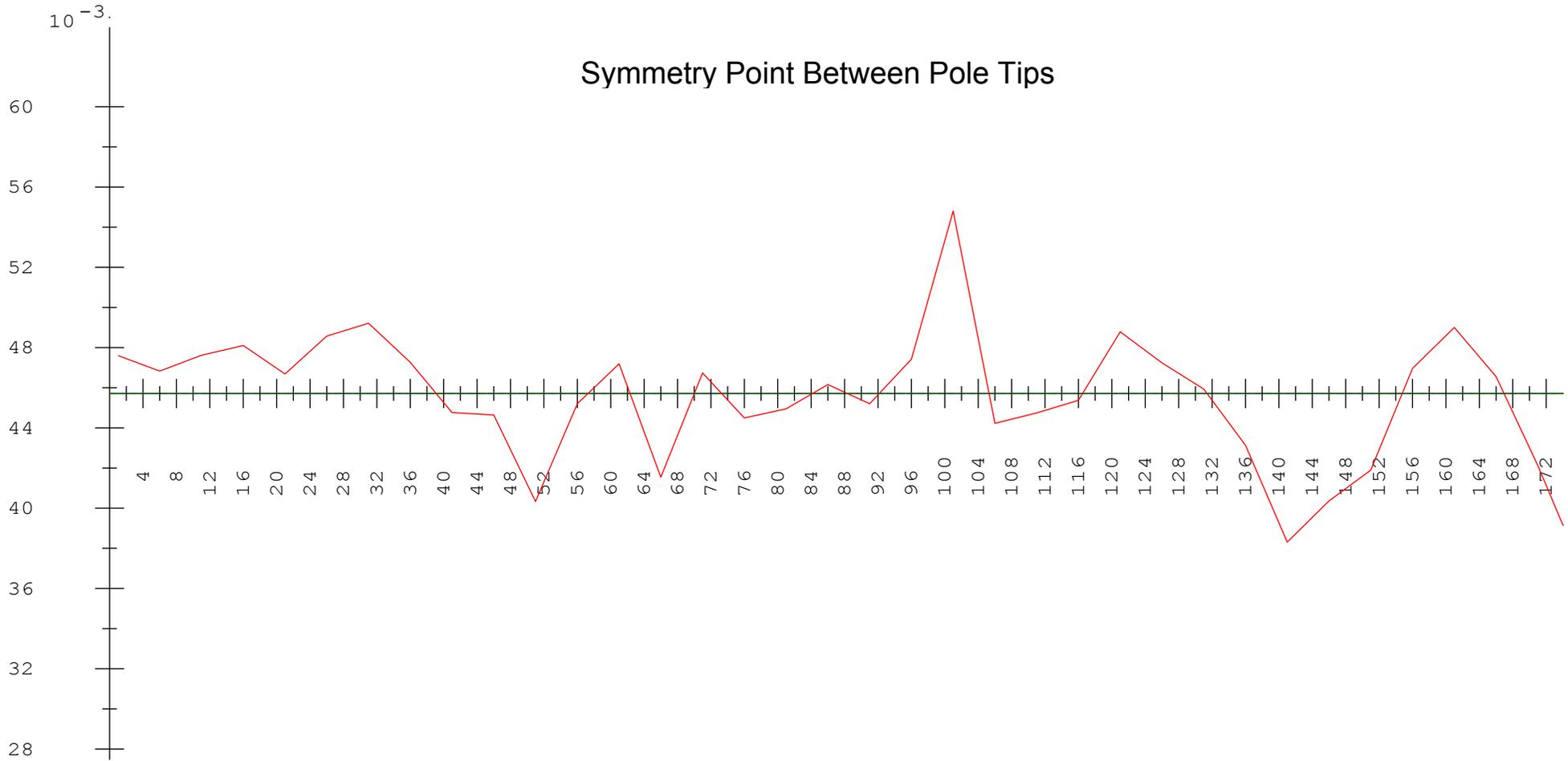


## LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000  
 Gap Reading = 10.0000      US Encoder = 10.0001      DS Encoder = 10.0000

24-OCT-2018  
 S/N = 016  
 D/S = 0001  
 Run = 6

### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0457

Step Between Measured Pole Tips = 5

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000  
 Gap Reading = 10.0000      US Encoder = 10.0001      DS Encoder = 10.0000

24-OCT-2018  
 S/N = 016  
 D/S = 0001  
 Run = 6

## 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>	5.0422	5.0420	5.0416	5.0414
<b>Bottom</b>	-4.9474	-4.9489	-4.9524	-4.9539
<b>Gap</b>	9.9896			9.9953
<b>Taper</b>				0.0056

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0420	-4.9505	9.9925	0.0457

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.935</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.000</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.002</b>
<b>Minimum Effective Gap</b>	<b>9.971</b>
<b>Reference Block Gap</b>	<b>6.809</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000  
 Gap Reading = 10.0000    US Encoder = 10.0001    DS Encoder = 10.0000

24-OCT-2018  
 S/N = 016  
 D/S = 0001  
 Run = 6