

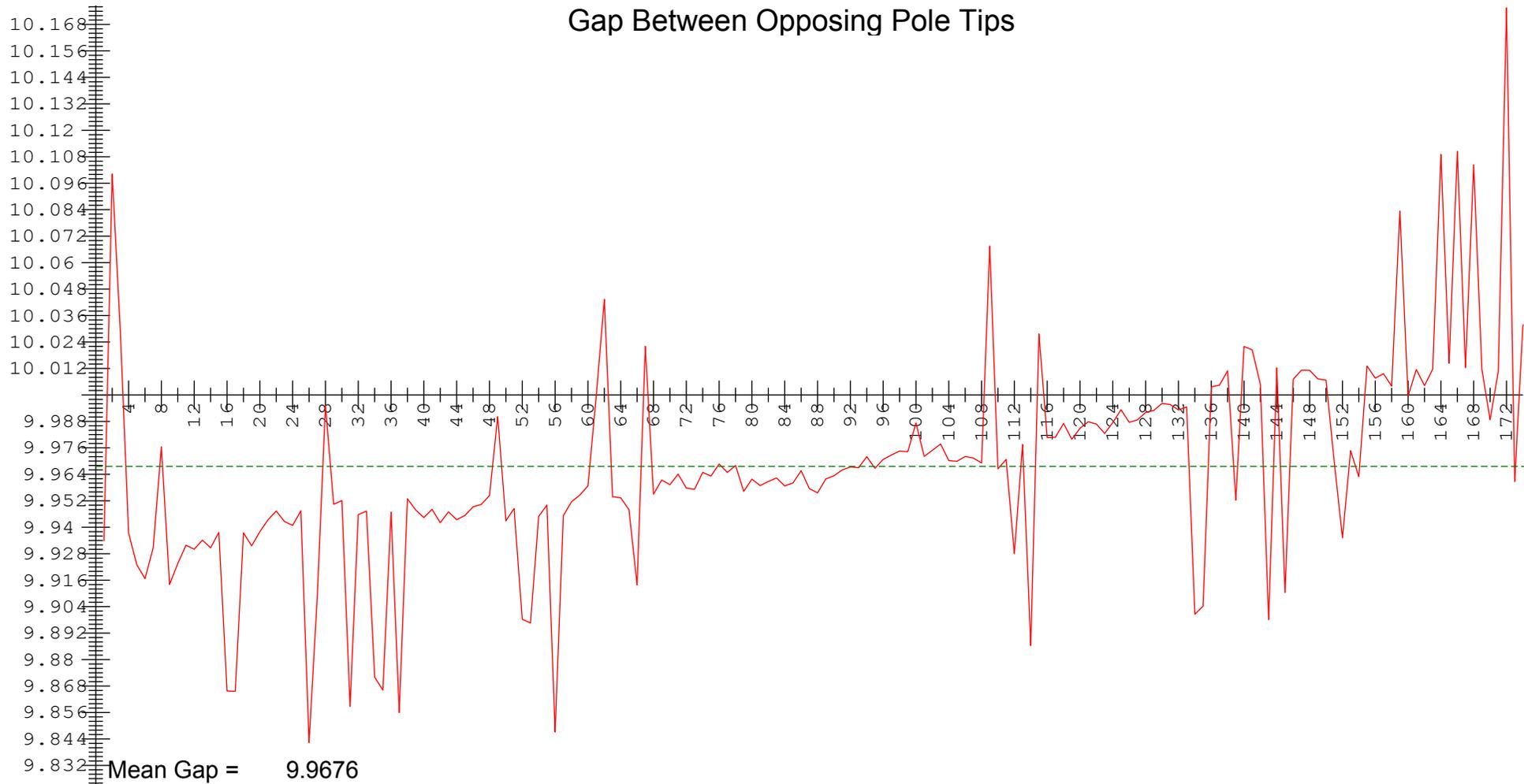
Minimum Effective Gap = 9.842

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>		08-MAR-2019
	Nominal Gap = 10	Nominal Taper = 0.100	S/N = 001
	Gap Reading = 10.0501	US Encoder = 10.0001	DS Encoder = 10.1001
			Run = 2

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

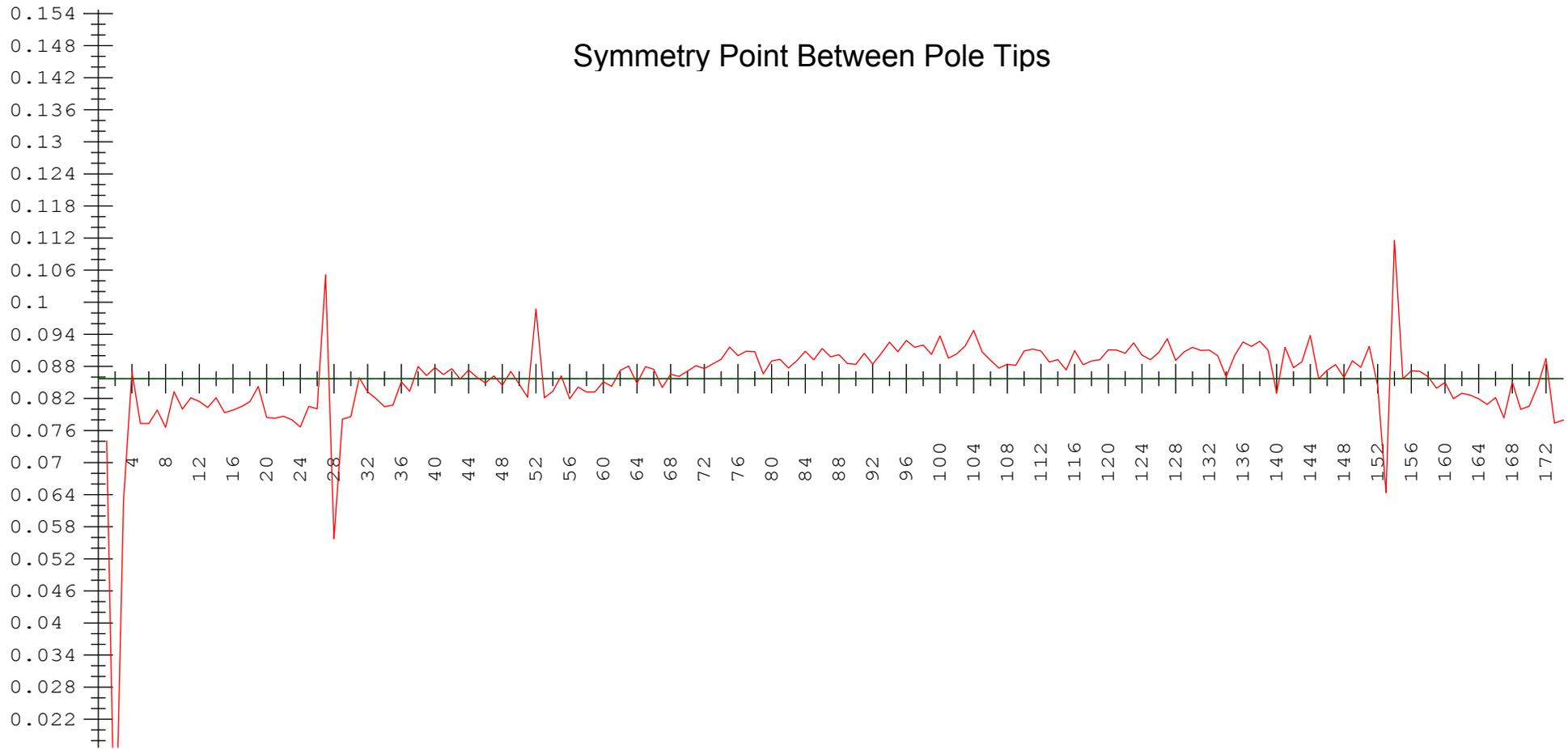


## LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.100  
 Gap Reading = 10.0501      US Encoder = 10.0001      DS Encoder = 10.1001

08-MAR-2019  
 S/N = 001  
 D/S = 0005  
 Run = 2

### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0857

Step Between Measured Pole Tips = 1

Dimensions in mm



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## 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>	5.0408	5.0534	5.0852	5.0981
<b>Bottom</b>	-4.8796	-4.8878	-4.9082	-4.9166
<b>Gap</b>	9.9205			10.0147
<b>Taper</b>				0.0942

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0695	-4.8981	9.9676	0.0857

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.300</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.017</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.011</b>
<b>Minimum Effective Gap</b>	<b>9.842</b>
<b>Reference Block Gap</b>	<b>6.806</b>

Dimensions in mm



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