

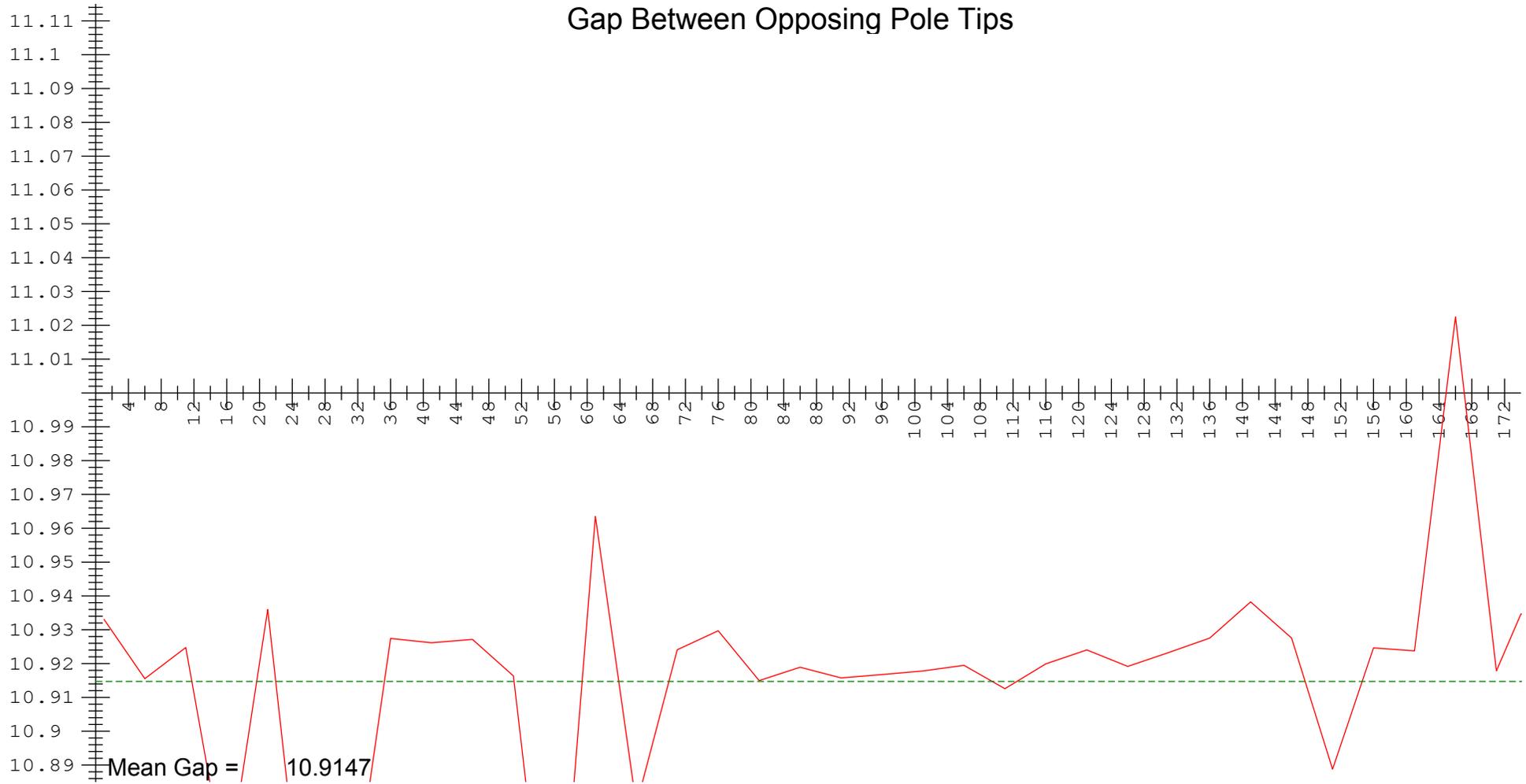
Minimum Effective Gap = 10.739

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>		03-MAY-2019
	Nominal Gap = 11      Nominal Taper = 0.000		S/N = 001
	Gap Reading = 11.0000      US Encoder = 11.0000      DS Encoder = 11.0001		D/S = 0006
			Run = 4

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

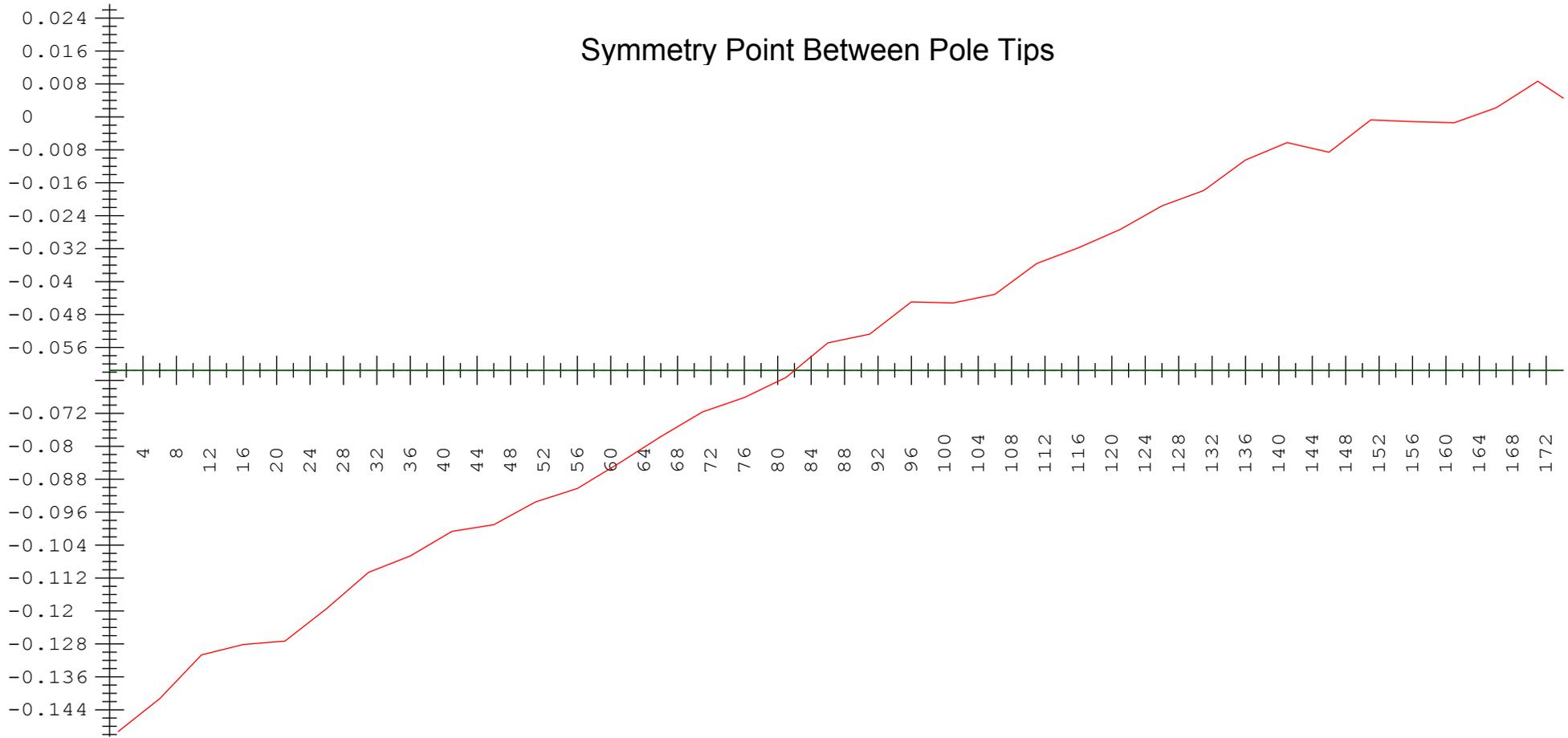


## LCLS II - SXR Undulator

Nominal Gap = 11      Nominal Taper = 0.000  
 Gap Reading = 11.0000      US Encoder = 11.0000      DS Encoder = 11.0001

03-MAY-2019  
 S/N = 001  
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 Run = 4

### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0616

Step Between Measured Pole Tips = 5

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>	5.3074	5.3468	5.4461	5.4865
<b>Bottom</b>	-5.5860	-5.5562	-5.4808	-5.4502
<b>Gap</b>	10.8934			10.9367
<b>Taper</b>				0.0432

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.3958	-5.5189	10.9147	-0.0616

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.047</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.053</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.040</b>
<b>Minimum Effective Gap</b>	<b>10.739</b>
<b>Reference Block Gap</b>	<b>6.807</b>

Dimensions in mm



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