

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points = -----

Dimensions in mm



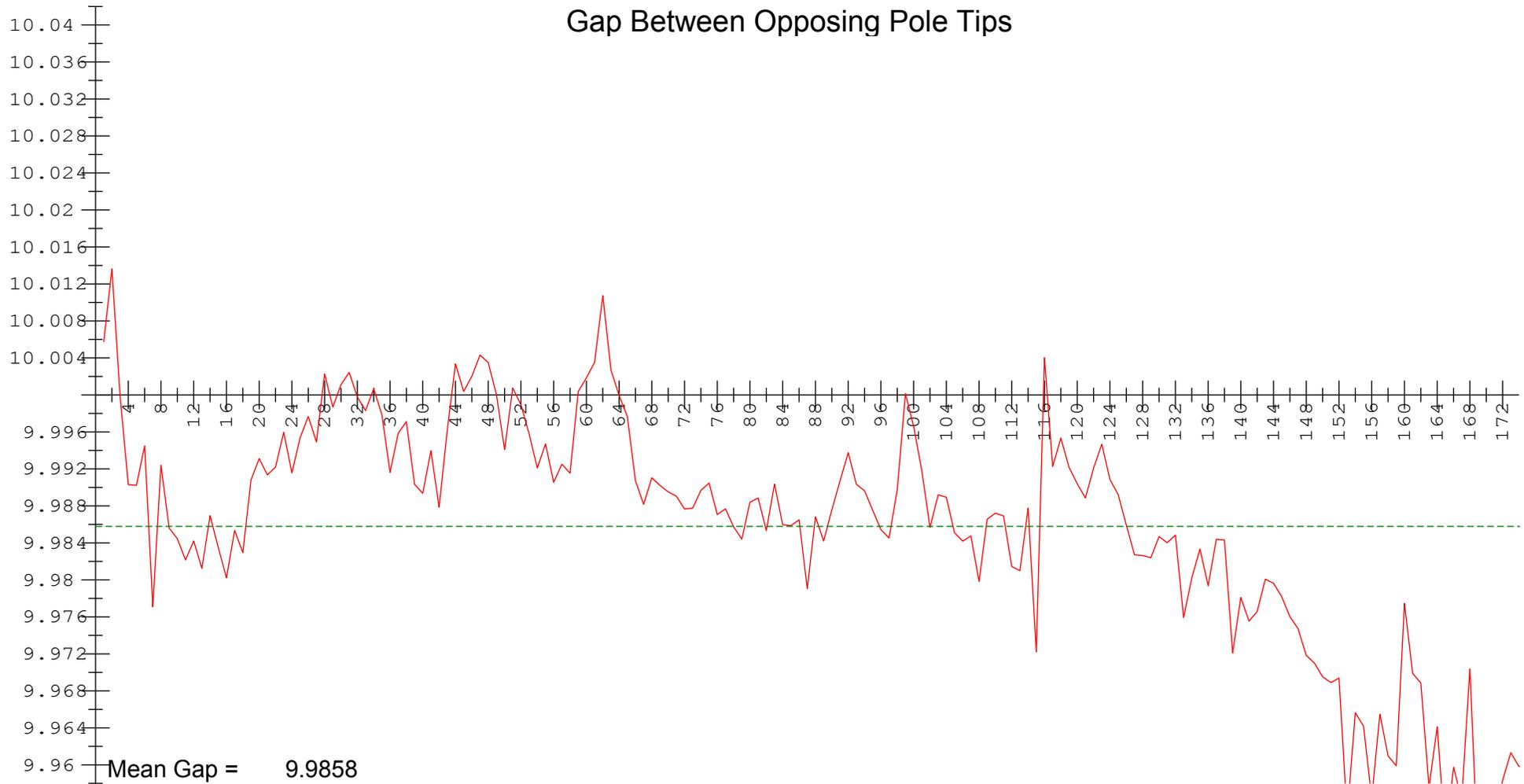
## LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000

Gap Reading = 9.9999      US Encoder = 9.9998      DS Encoder = 9.9999

12-NOV-2018  
S/N = 017  
D/S = 0001  
Run = 1

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

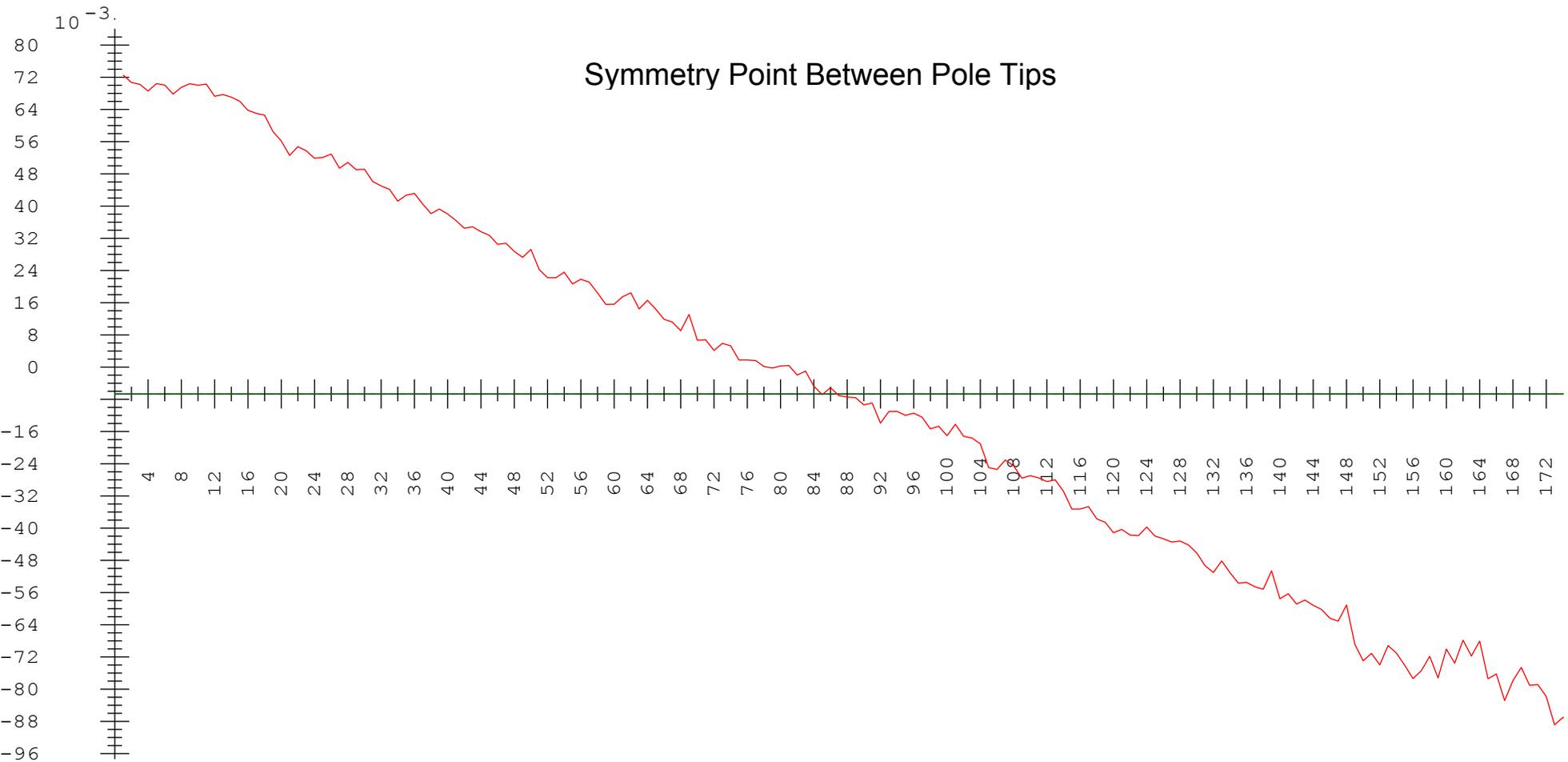
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Mean Symmetry Value = -0.0067

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>	5.0749	5.0360	4.9375	4.8975
<b>Bottom</b>	-4.9266	-4.9586	-5.0396	-5.0725
<b>Gap</b>	10.0015			9.9701
<b>Taper</b>				-0.0314

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9862	-4.9996	9.9858	-0.0067

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.178</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.053</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.043</b>
<b>Minimum Effective Gap</b>	<b>9.813</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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