

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm



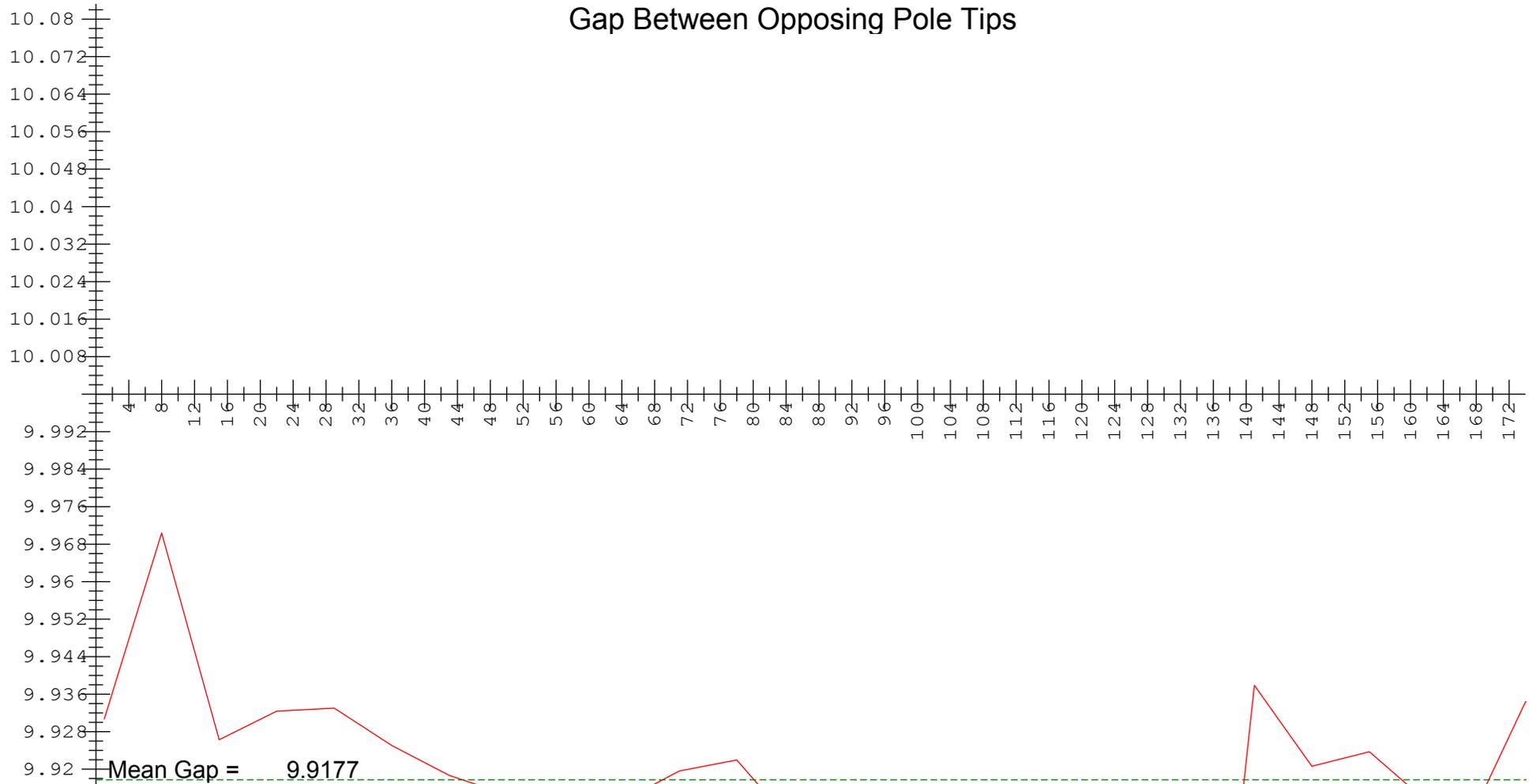
## LCLS II - SXR Undulator

Nominal Gap = 10      Nominal Taper = 0.000

Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

13-SEP-2018  
 S/N = 001  
 D/S = 0004  
 Run = 4

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

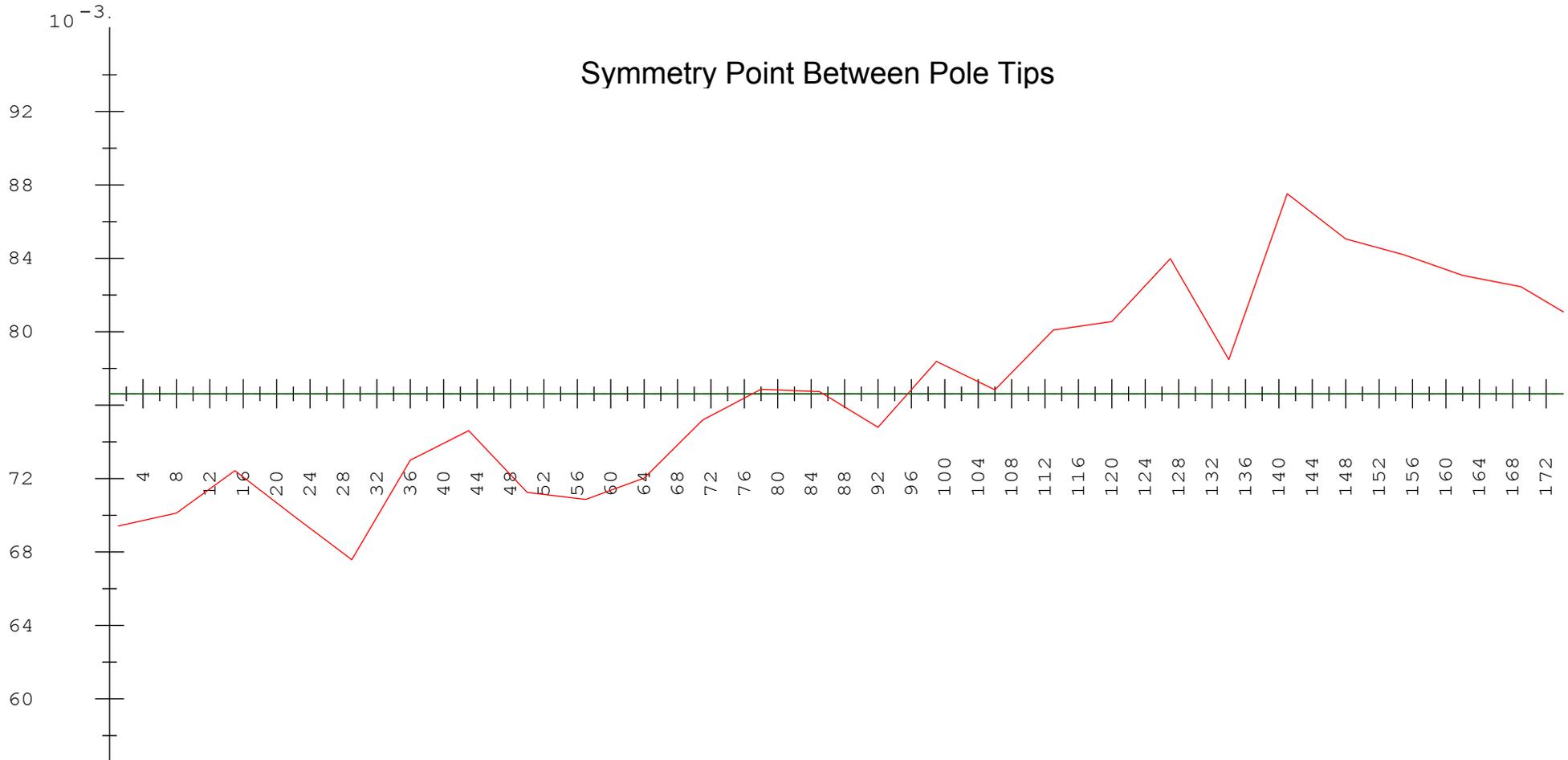


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0766

Step Between Measured Pole Tips = 7

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>	5.0339	5.0348	5.0371	5.0380
<b>Bottom</b>	-4.8969	-4.8906	-4.8747	-4.8682
<b>Gap</b>	9.9308			9.9063
<b>Taper</b>				-0.0245

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0355	-4.8822	9.9177	0.0766

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.975</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.001</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.008</b>
<b>Minimum Effective Gap</b>	<b>9.824</b>
<b>Reference Block Gap</b>	<b>6.807</b>

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