

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 1

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



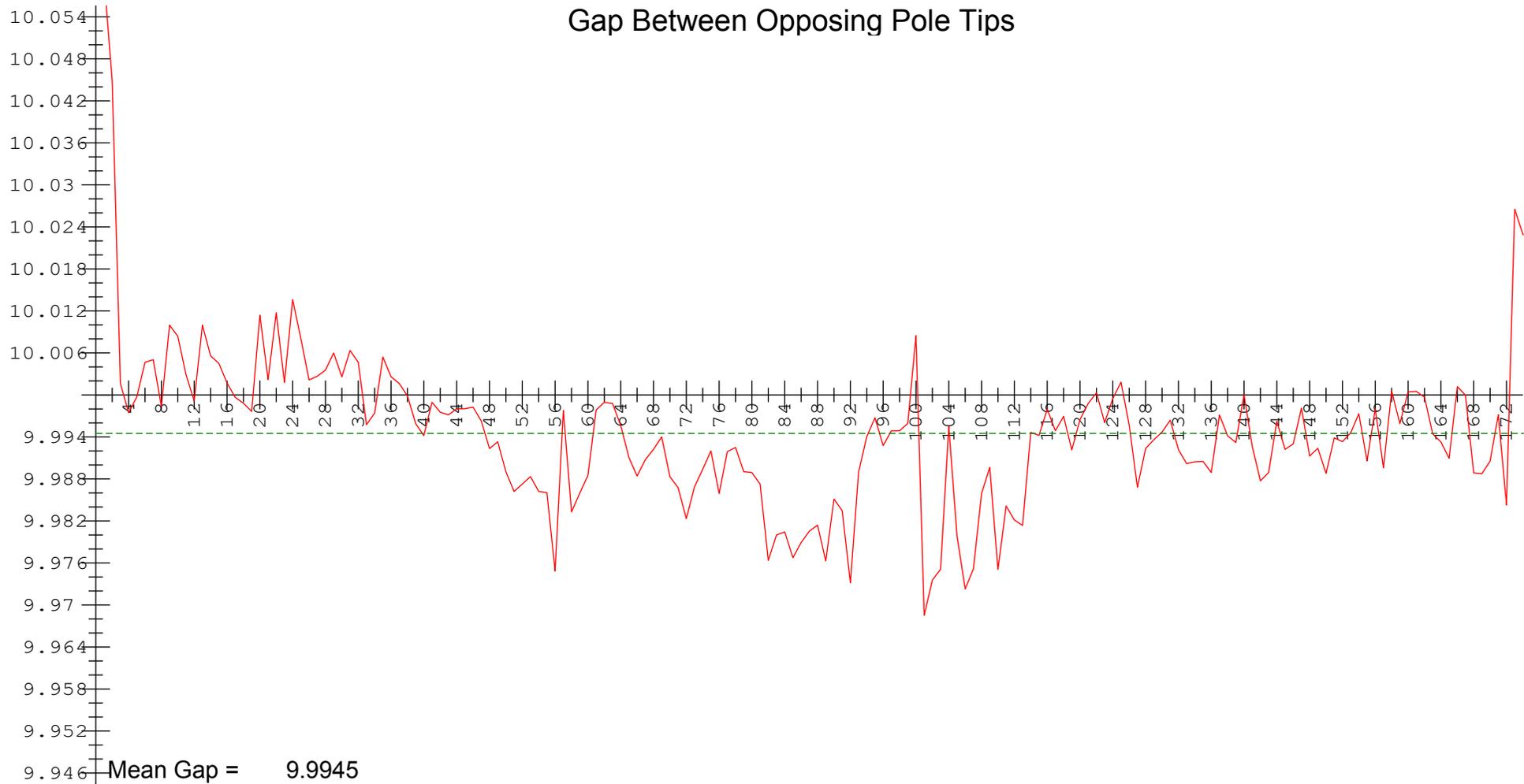
**LCLS II - SXR Undulator**

Nominal Gap = 10                      Nominal Taper = 0

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

29-MAR-2018  
 S/N = 008  
 D/S = 0001  
 Run = 11

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

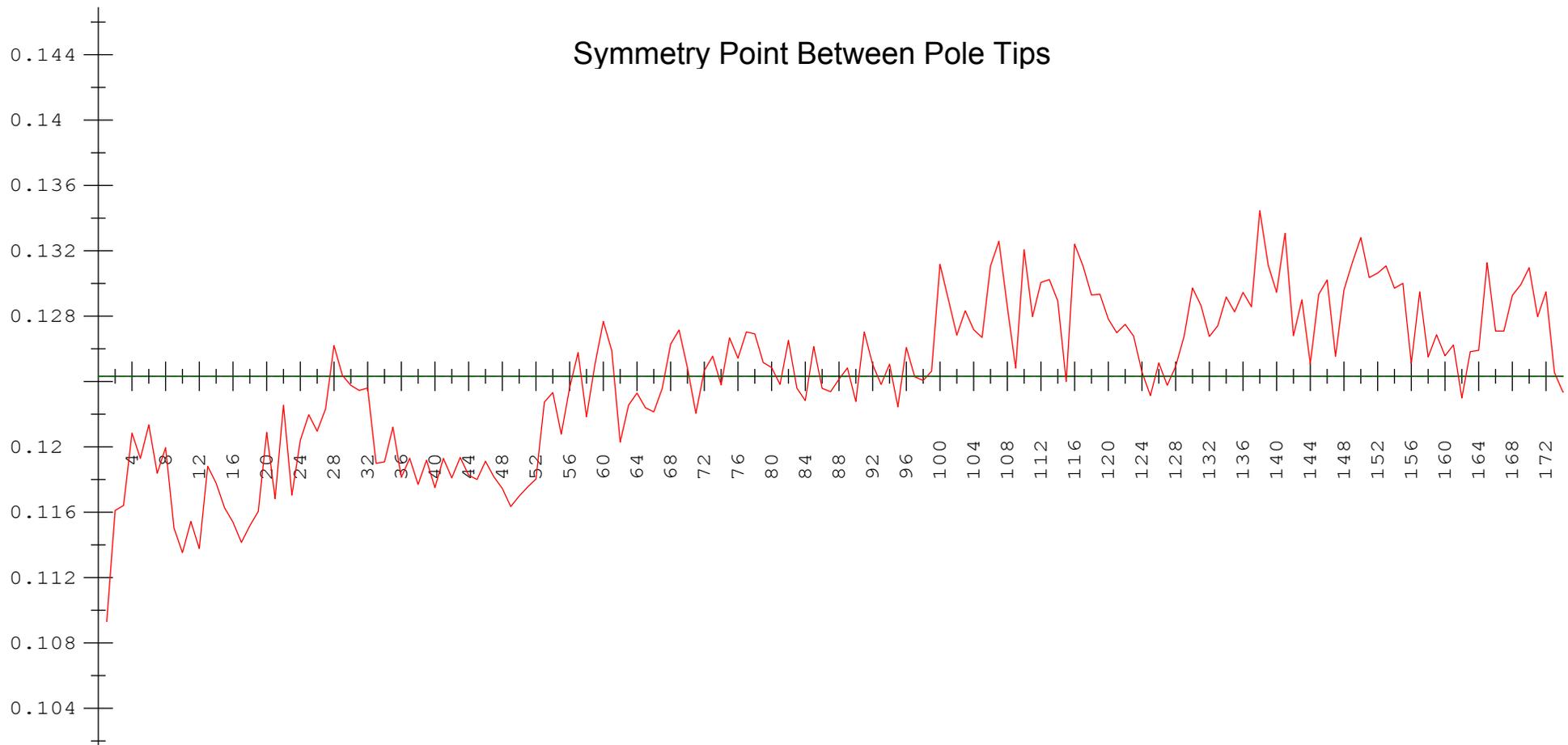
Dimensions in mm



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Mean Symmetry Value = 0.1243

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>	5.1178	5.1194	5.1237	5.1254
<b>Bottom</b>	-4.8823	-4.8782	-4.8678	-4.8636
<b>Gap</b>	10.0000			9.9890
<b>Taper</b>				-0.0110

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1216	-4.8729	9.9945	0.1243

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.390</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.006</b>
<b>Minimum Effective Gap</b>	<b>9.966</b>
<b>Reference Block Gap</b>	<b>6.803</b>

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