

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

Regression Line Through Points =   
 Dimensions in mm



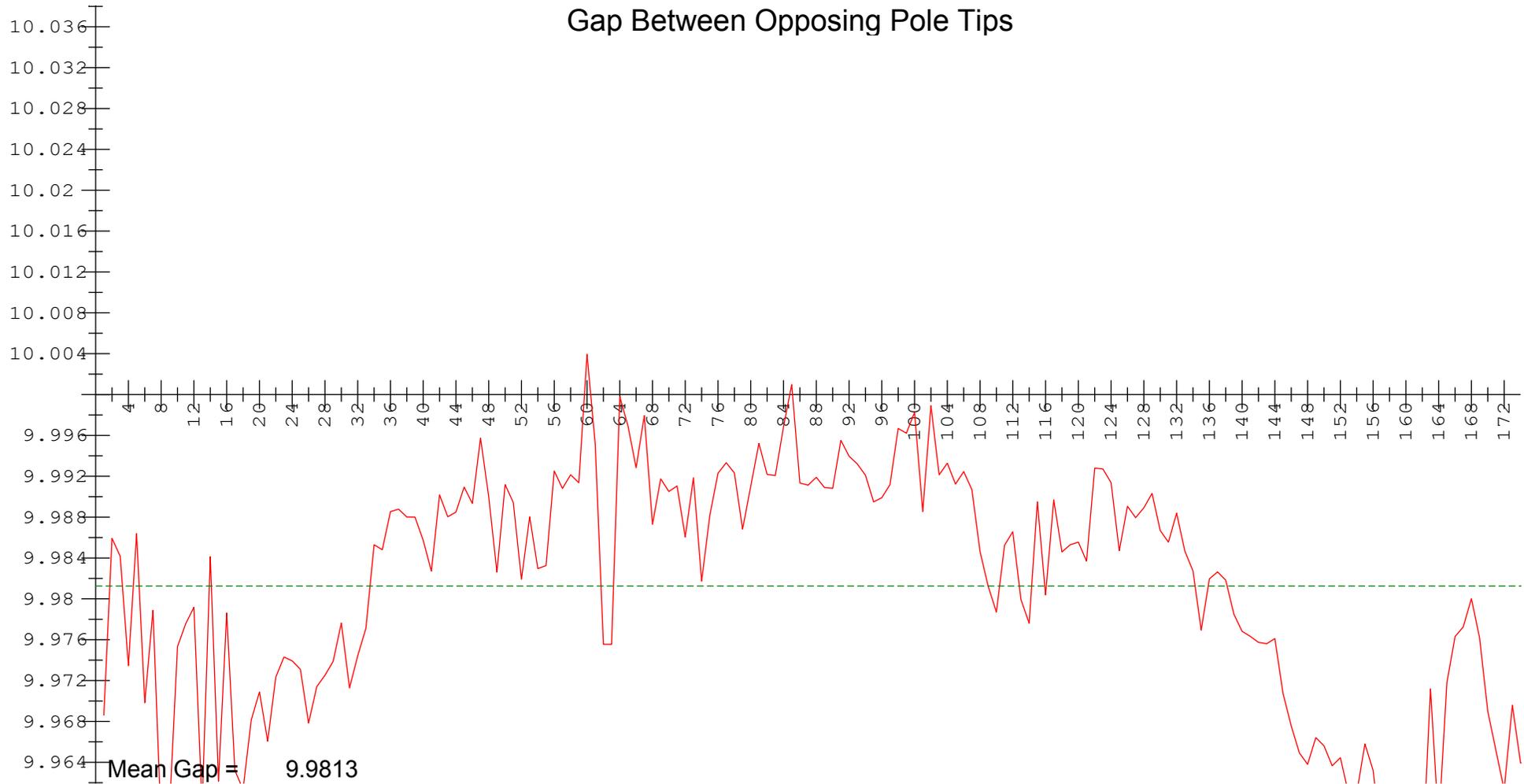
**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000

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

22-AUG-2018  
 S/N = 014  
 D/S = 0001  
 Run = 14

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

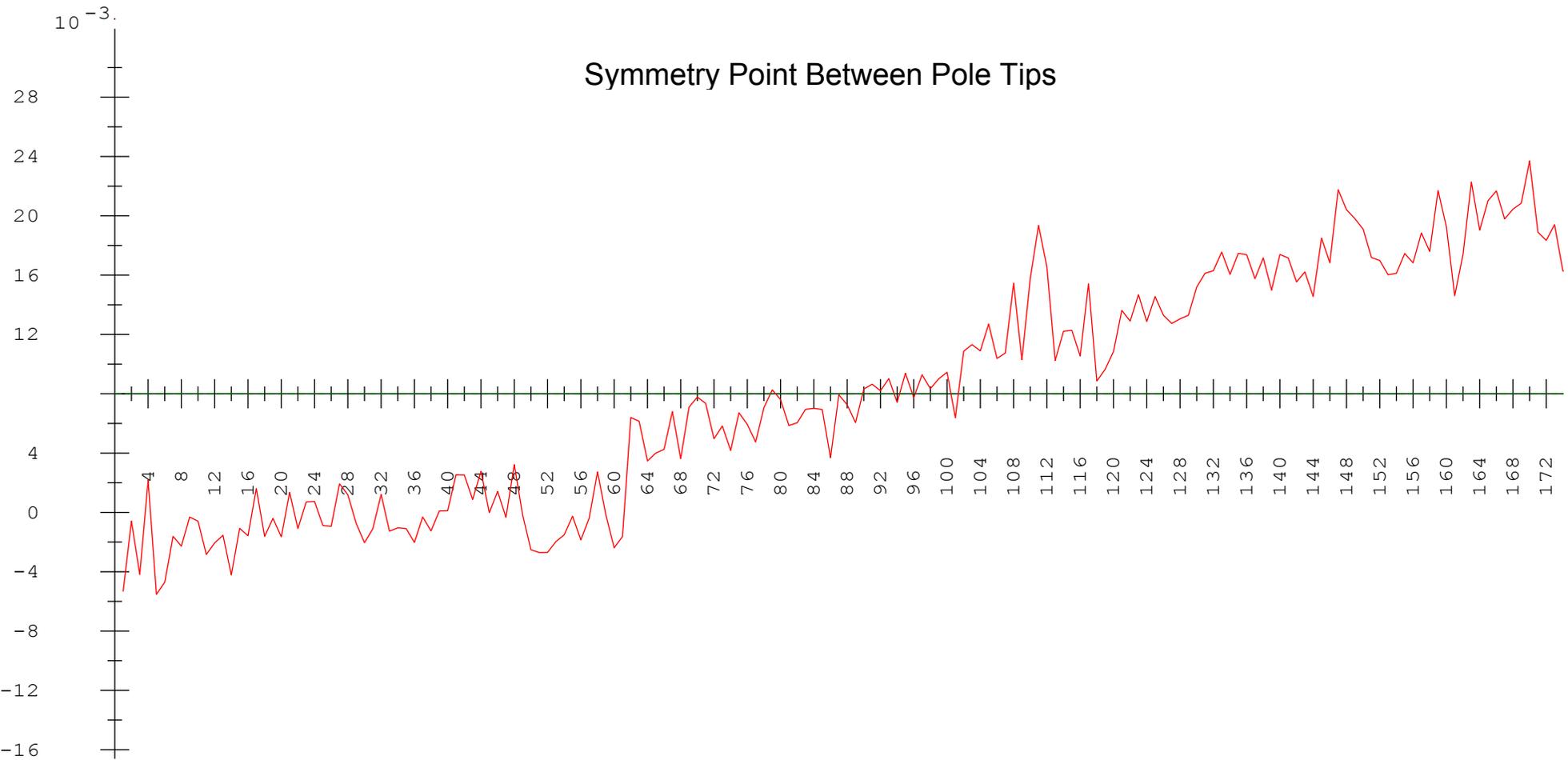
Dimensions in mm



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Mean Symmetry Value = 0.0080

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>	4.9878	4.9926	5.0046	5.0094
<b>Bottom</b>	-4.9976	-4.9910	-4.9744	-4.9677
<b>Gap</b>	9.9854			9.9771
<b>Taper</b>				-0.0083

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.9986	-4.9826	9.9813	0.0080

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.941</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.006</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.009</b>
<b>Minimum Effective Gap</b>	<b>9.929</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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