

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

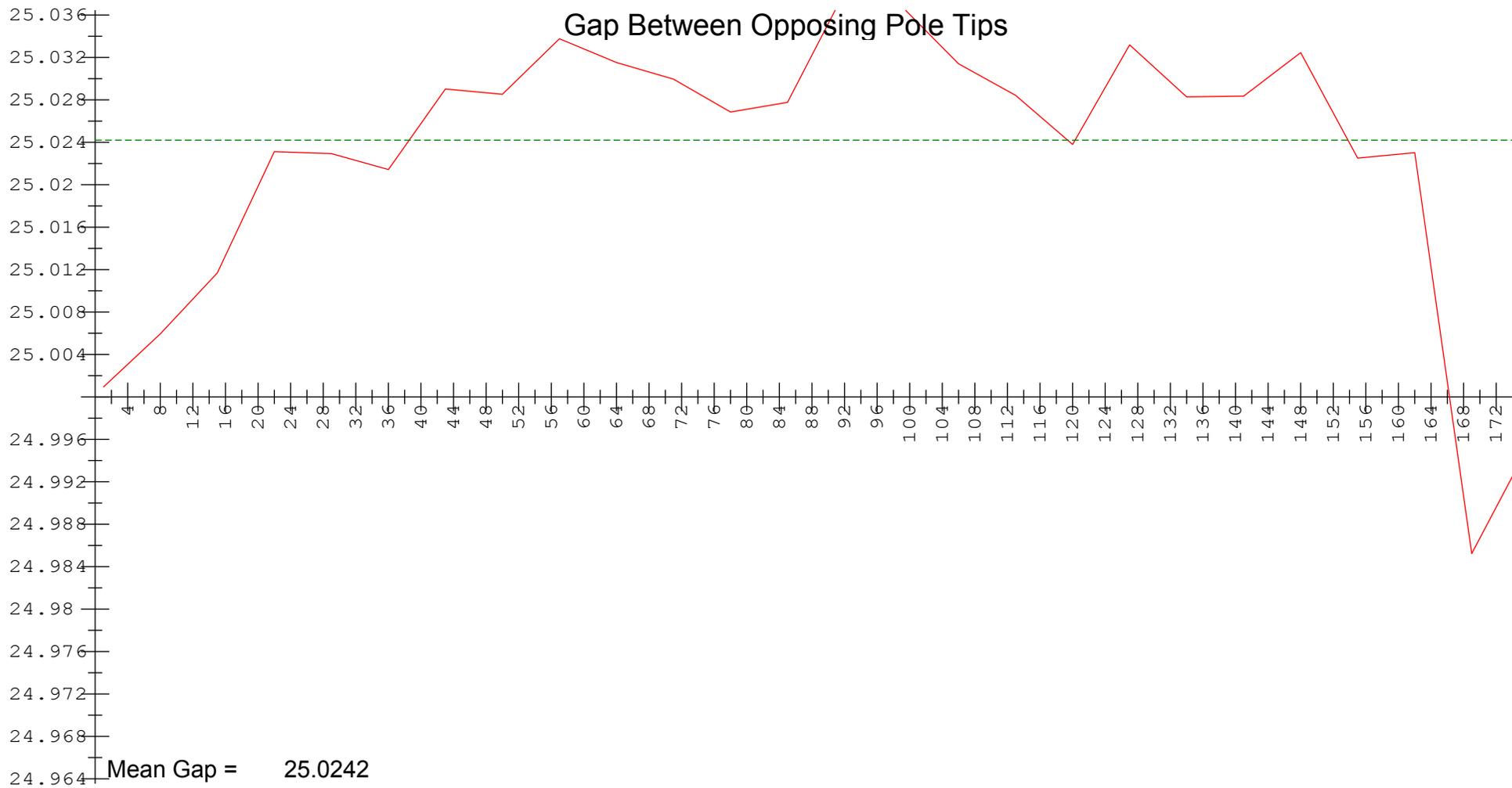
Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 25      Nominal Taper = 0.000  
 Gap Reading = 25.0000      US Encoder = 25.0000      DS Encoder = 25.0000

19-JUL-2018  
 S/N = 013  
 D/S = 0001  
 Run = 15



Step Between Measured Pole Tips = 7

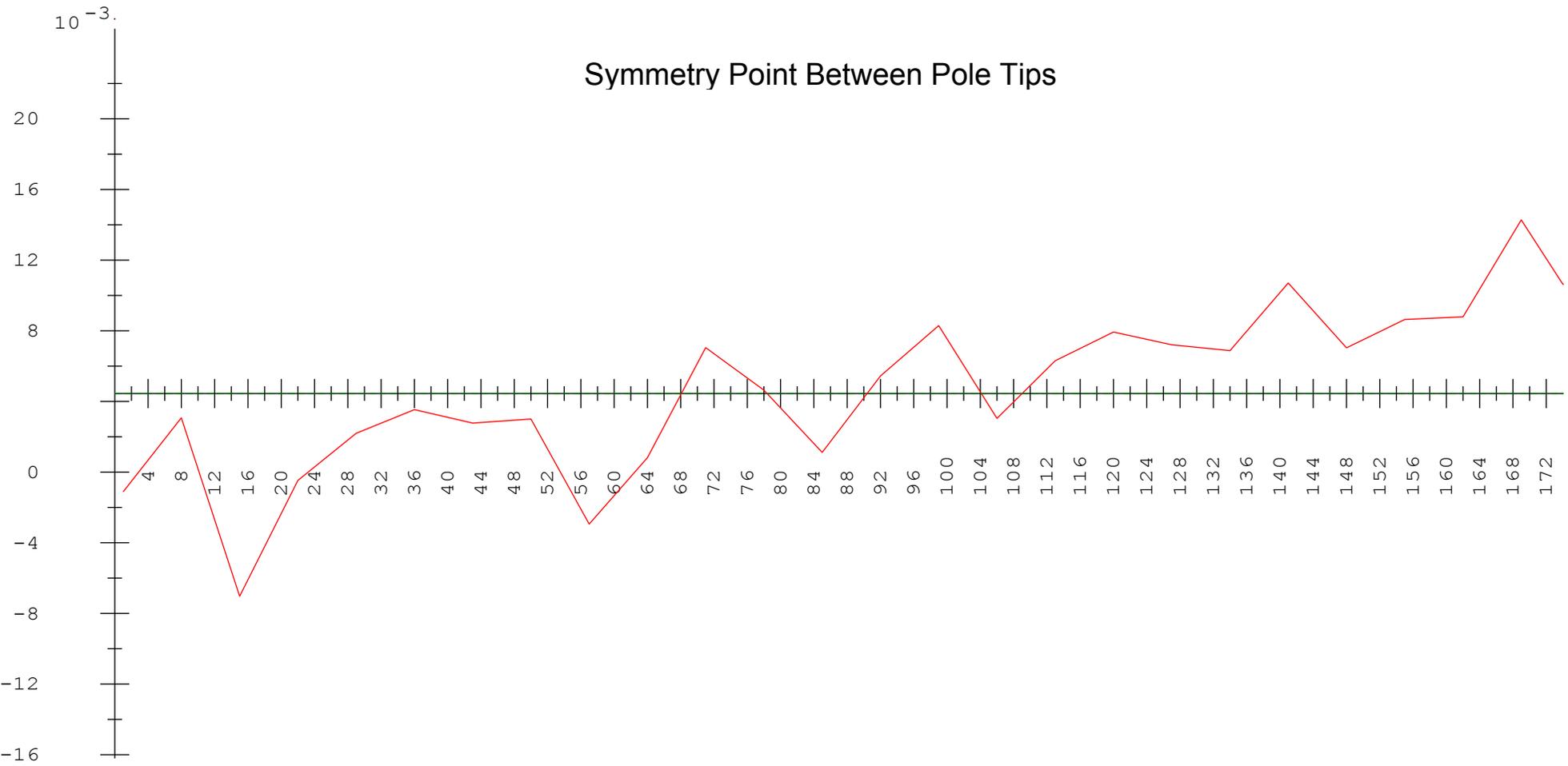
Dimensions in mm



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Mean Symmetry Value = 0.0044

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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>	12.5103	12.5128	12.5193	12.5220
<b>Bottom</b>	-12.5136	-12.5106	-12.5032	-12.5002
<b>Gap</b>	25.0238			25.0221
<b>Taper</b>				-0.0017

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.5166	-12.5077	25.0242	0.0044

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.775</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.003</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.004</b>
<b>Minimum Effective Gap</b>	<b>24.977</b>
<b>Reference Block Gap</b>	<b>6.806</b>

Dimensions in mm



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