

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points =

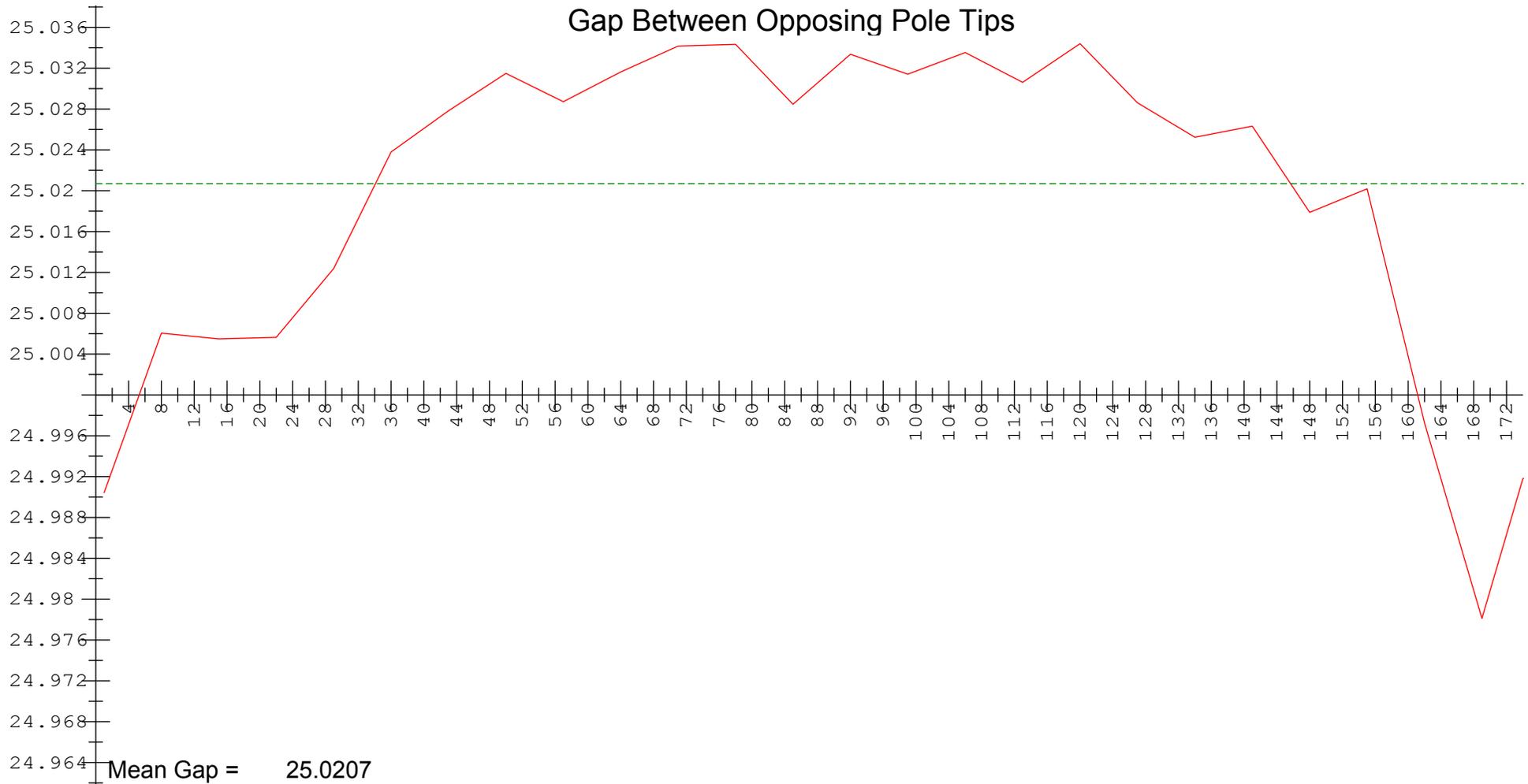
Dimensions in mm



## LCLS II - SXR Undulator

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

18-DEC-2018  
 S/N = 018  
 D/S = 0001  
 Run = 12



Step Between Measured Pole Tips = 7

Dimensions in mm

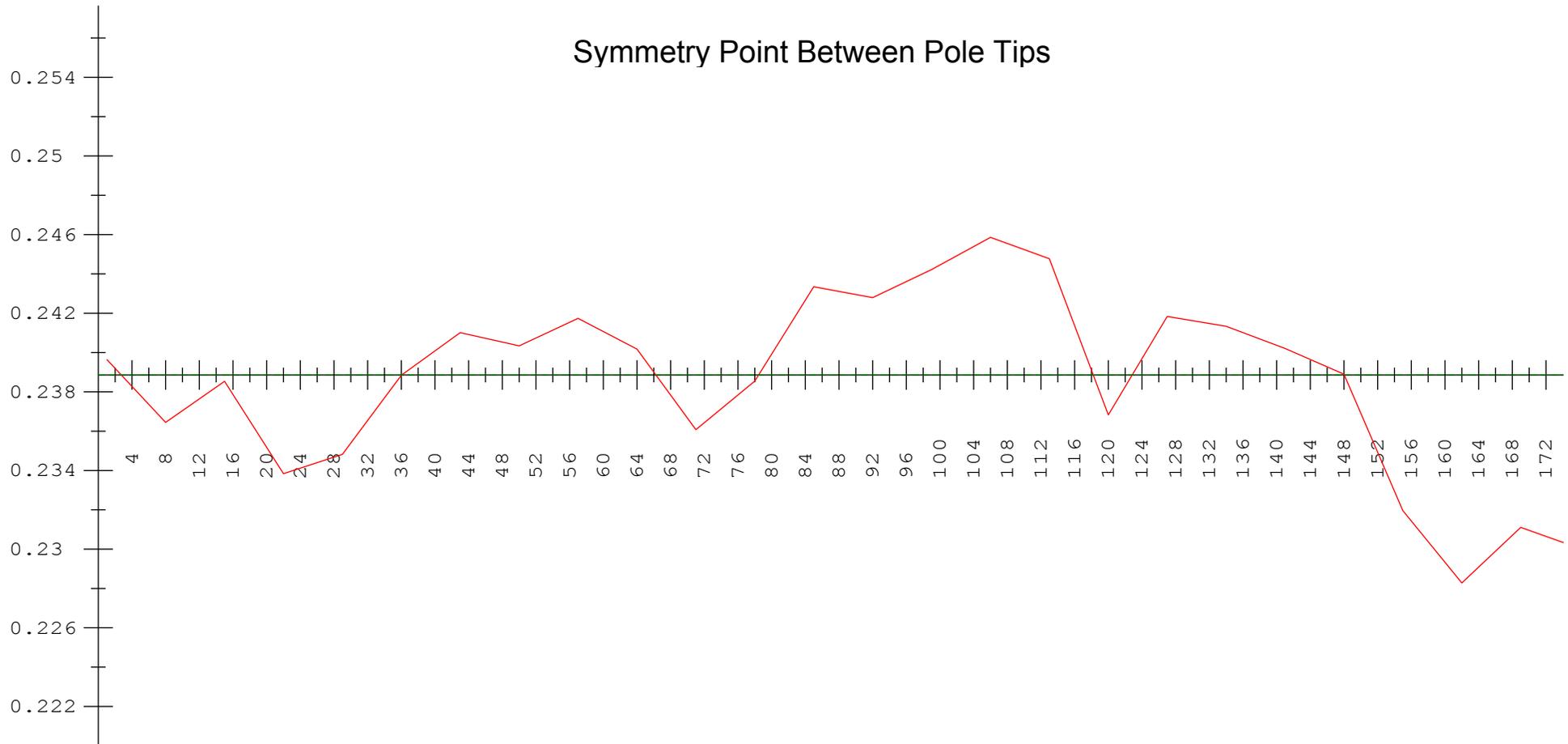


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2389

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>	12.7510	12.7499	12.7469	12.7457
<b>Bottom</b>	-12.2702	-12.2707	-12.2718	-12.2723
<b>Gap</b>	25.0212			25.0180
<b>Taper</b>				-0.0033

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.7492	-12.2715	25.0207	0.2389

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.178</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.001</b>
<b>Minimum Effective Gap</b>	<b>24.976</b>
<b>Reference Block Gap</b>	<b>6.806</b>

Dimensions in mm



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