

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points = -----

Dimensions in mm



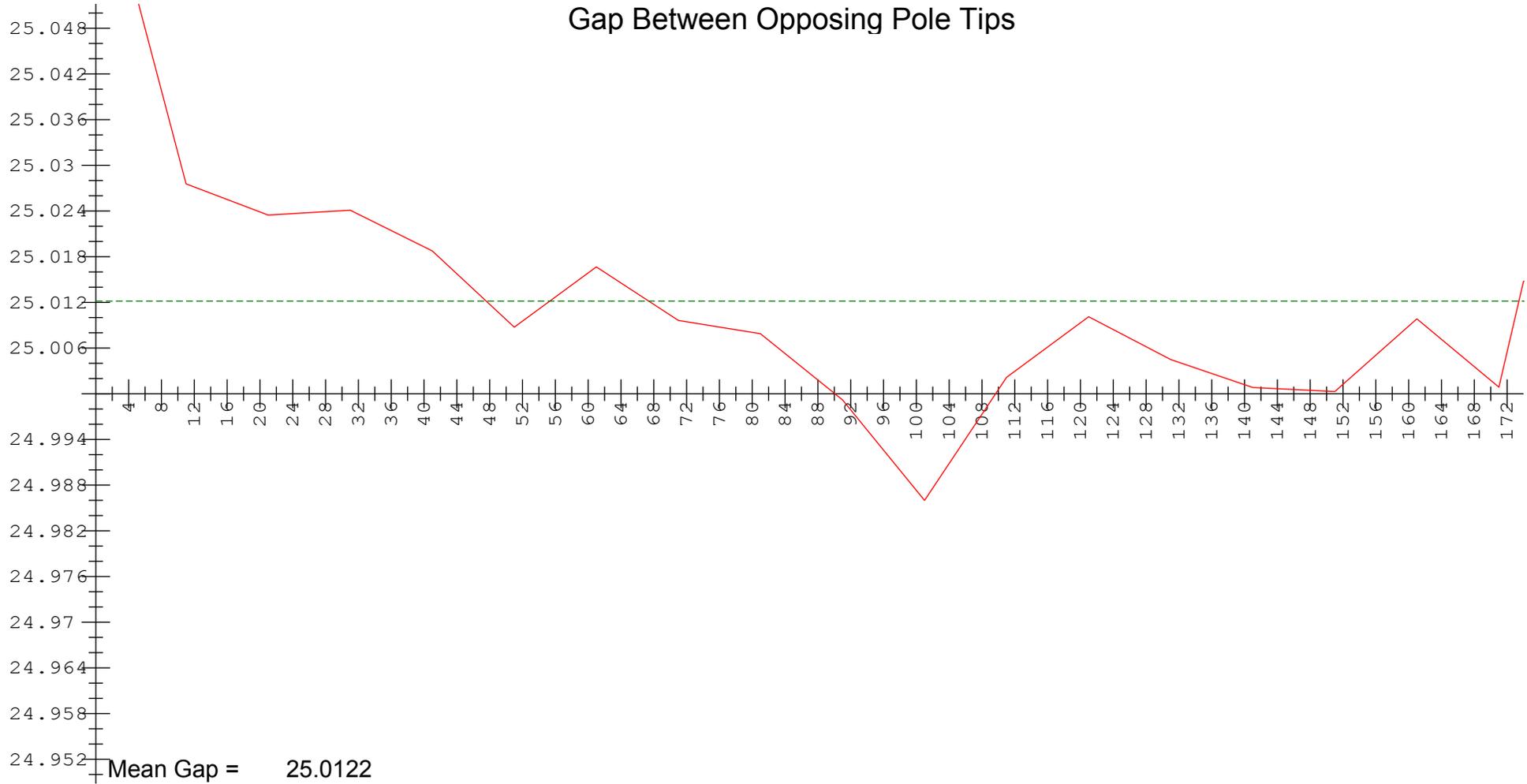
## LCLS II - SXR Undulator

Nominal Gap = 25                      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 = 10

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

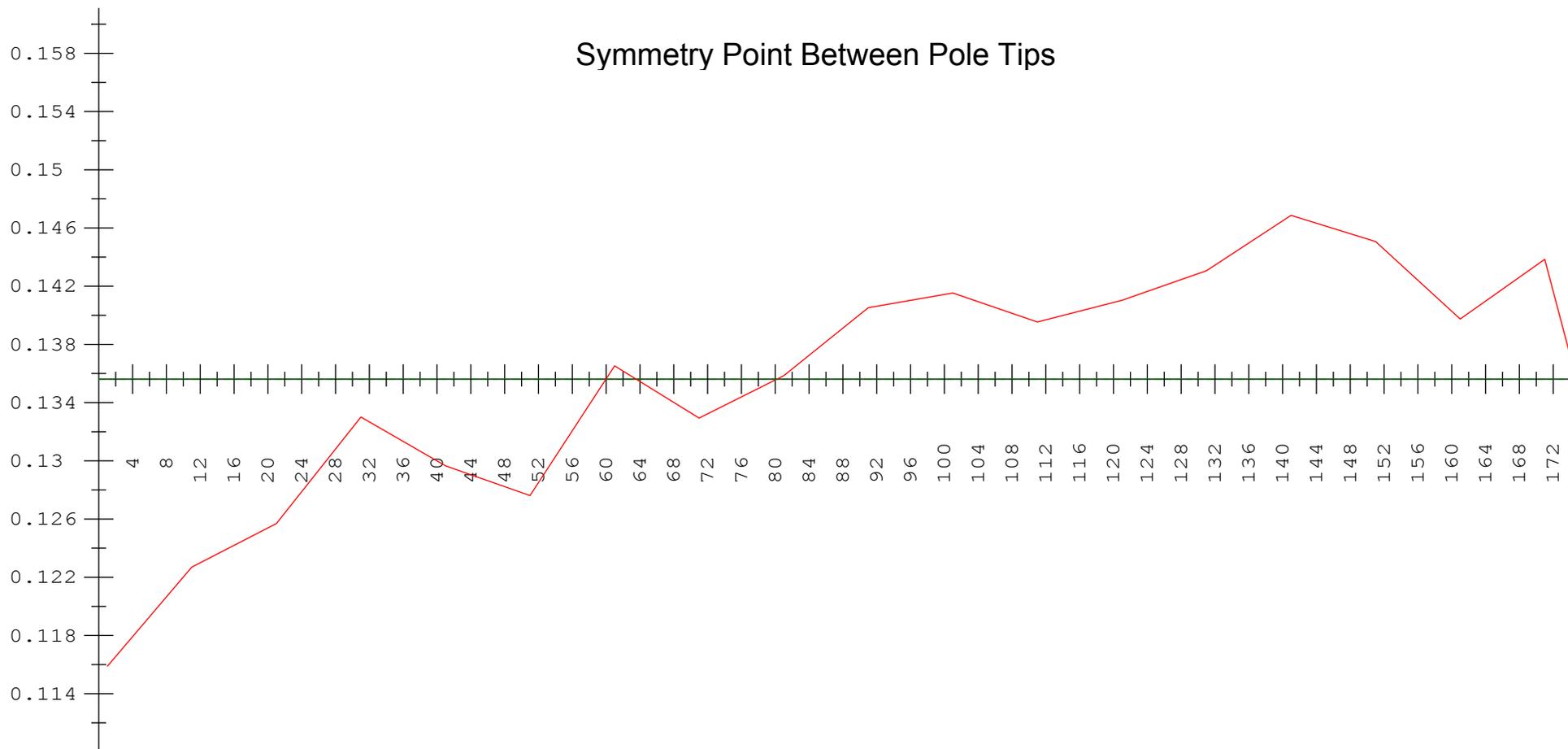
Dimensions in mm



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Mean Symmetry Value = 0.1356

Step Between Measured Pole Tips = 10

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>	12.6393	12.6404	12.6431	12.6443
<b>Bottom</b>	-12.3907	-12.3821	-12.3604	-12.3516
<b>Gap</b>	25.0300			24.9959
<b>Taper</b>				-0.0341

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
12.6417	-12.3705	25.0122	0.1356

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.390</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.001</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.012</b>
<b>Minimum Effective Gap</b>	<b>24.983</b>
<b>Reference Block Gap</b>	<b>6.803</b>

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