

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points =

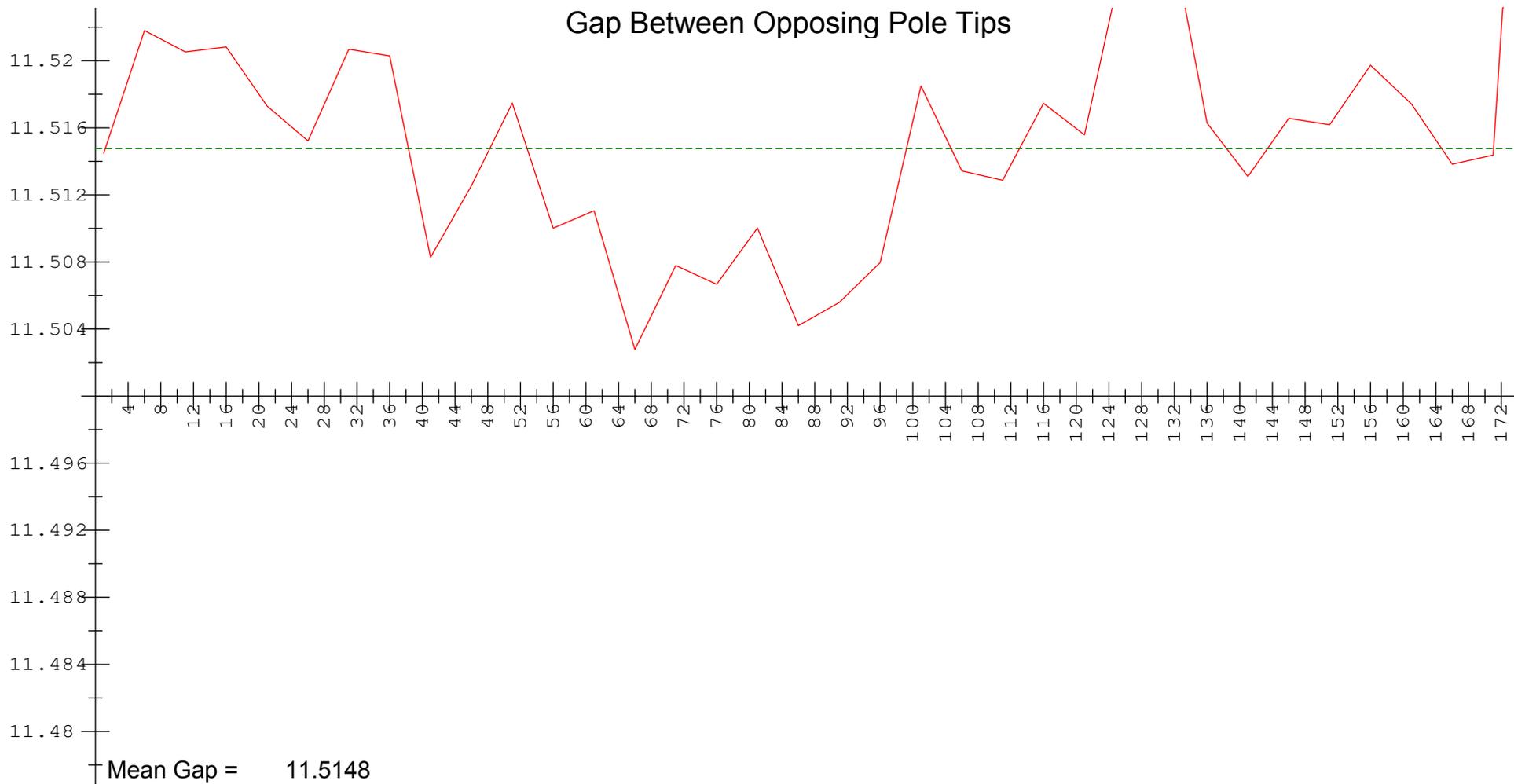
Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 11.5      Nominal Taper = 0.000  
 Gap Reading = 11.5000      US Encoder = 11.5001      DS Encoder = 11.5000

16-MAY-2018  
 S/N = 010  
 D/S = 0001  
 Run = 7



Step Between Measured Pole Tips = 5

Dimensions in mm

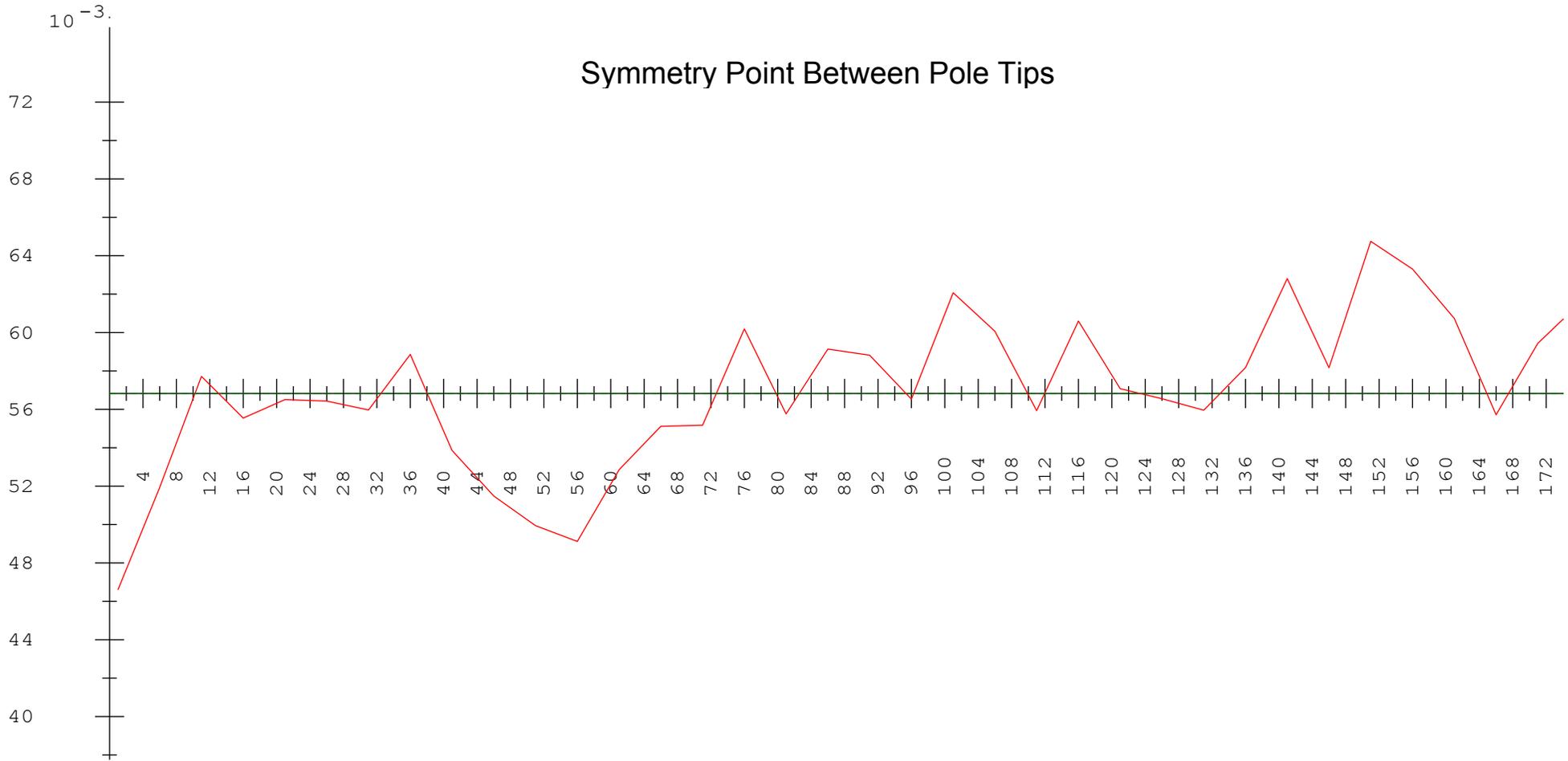


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0568

Step Between Measured Pole Tips = 5

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>	5.8094	5.8116	5.8174	5.8198
<b>Bottom</b>	-5.7038	-5.7025	-5.6991	-5.6977
<b>Gap</b>	11.5132			11.5175
<b>Taper</b>				0.0043

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.8142	-5.7006	11.5148	0.0568

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.704</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.003</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.002</b>
<b>Minimum Effective Gap</b>	<b>11.497</b>
<b>Reference Block Gap</b>	<b>6.802</b>

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