

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 = 0.1  
Gap Reading = 10.0500      US Encoder = 10.0000      DS Encoder = 10.1000

12-APR-2018  
S/N = 008  
D/S = 0001  
Run = 2



Step Between Measured Pole Tips = 1

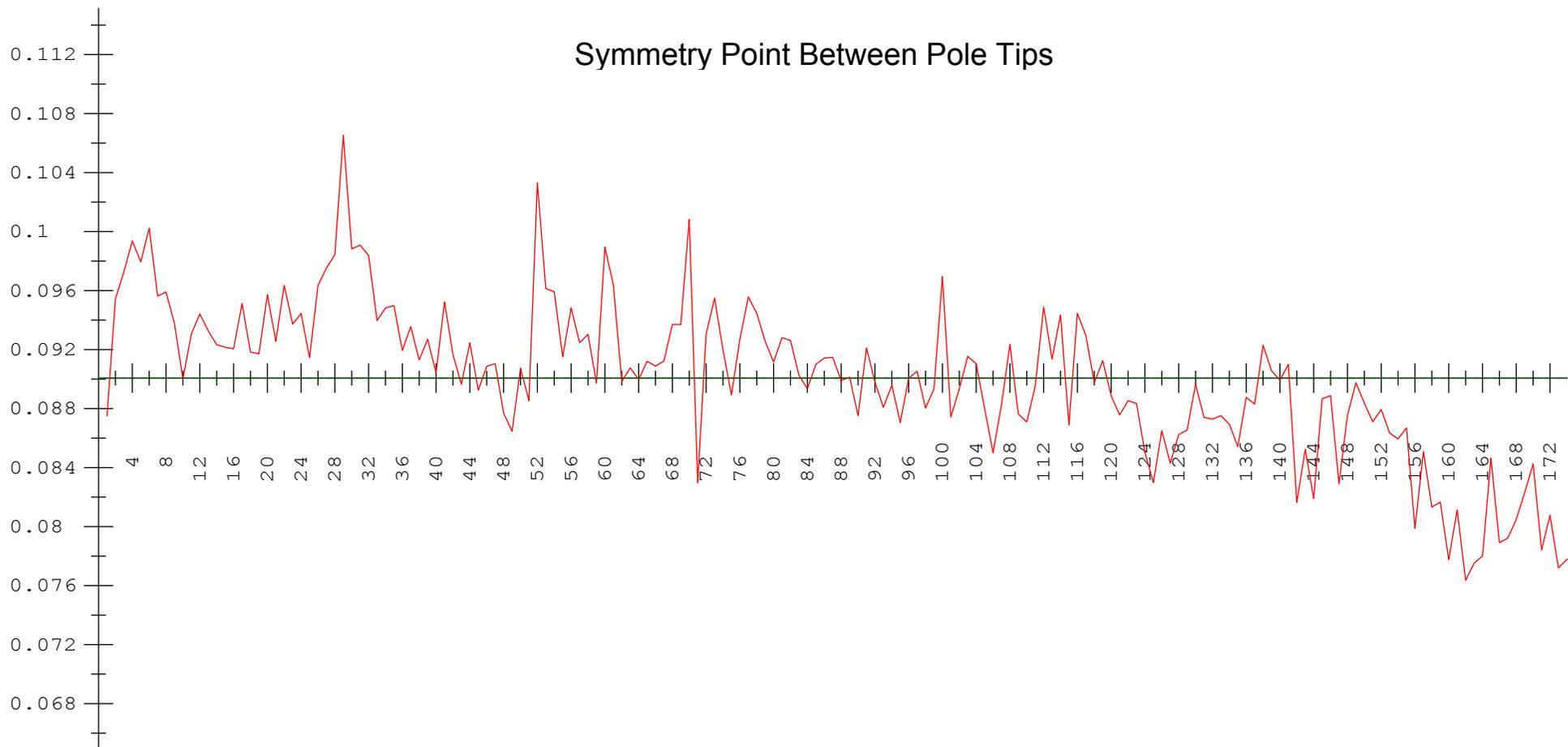
Dimensions in mm



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Mean Symmetry Value = 0.0901

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>	5.1135	5.1228	5.1462	5.1557
<b>Bottom</b>	-4.9197	-4.9350	-4.9736	-4.9892
<b>Gap</b>	10.0332			10.1449
<b>Taper</b>				0.1117

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1346	-4.9545	10.0891	0.0901

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.404</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.012</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.021</b>
<b>Minimum Effective Gap</b>	<b>9.977</b>
<b>Reference Block Gap</b>	<b>6.807</b>

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