

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 = 0.000  
 Gap Reading = 10.0000      US Encoder = 0.0100      DS Encoder = 0.0100

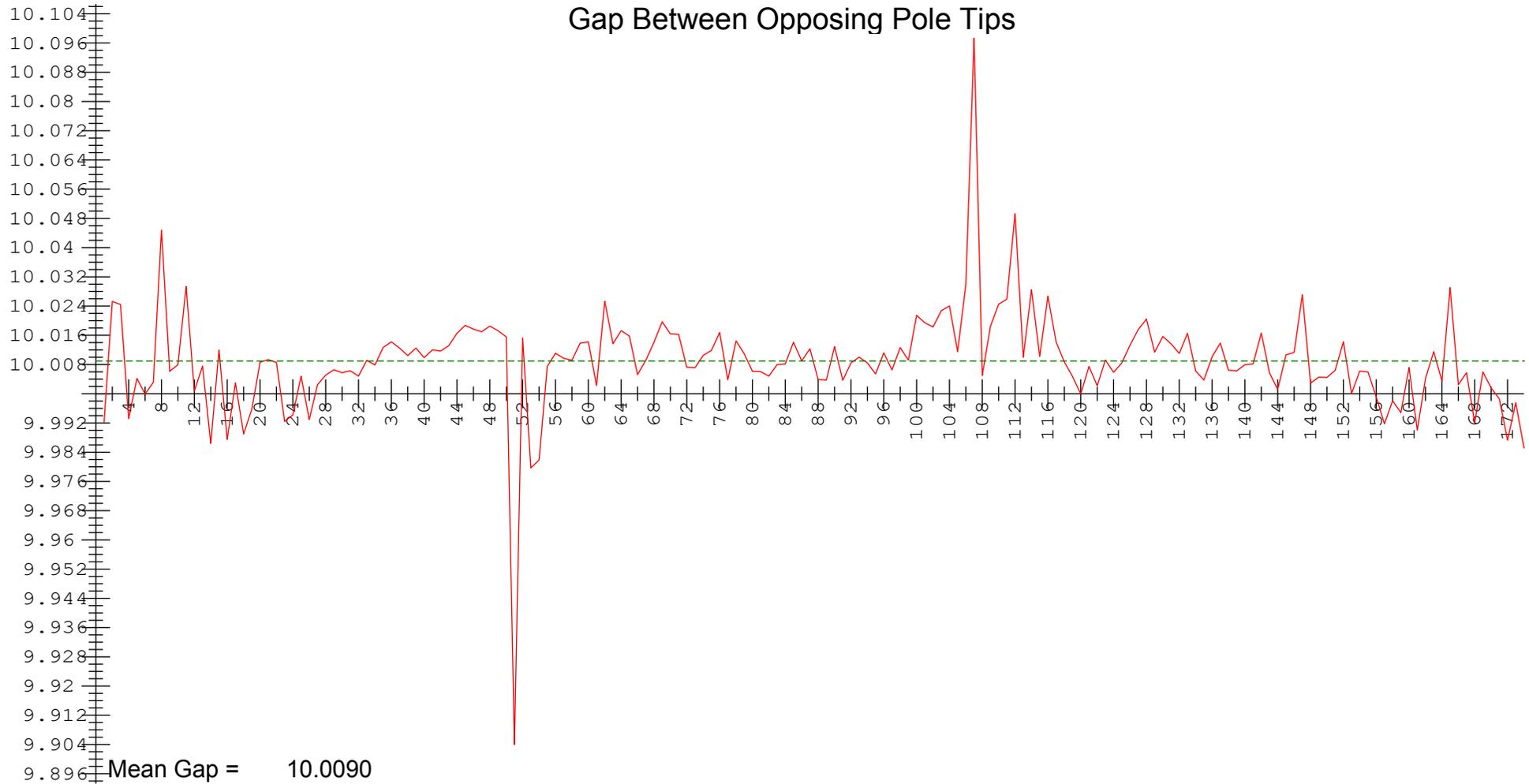
25-NOV-2019

S/N = 021

D/S = 0001

Run = 16

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

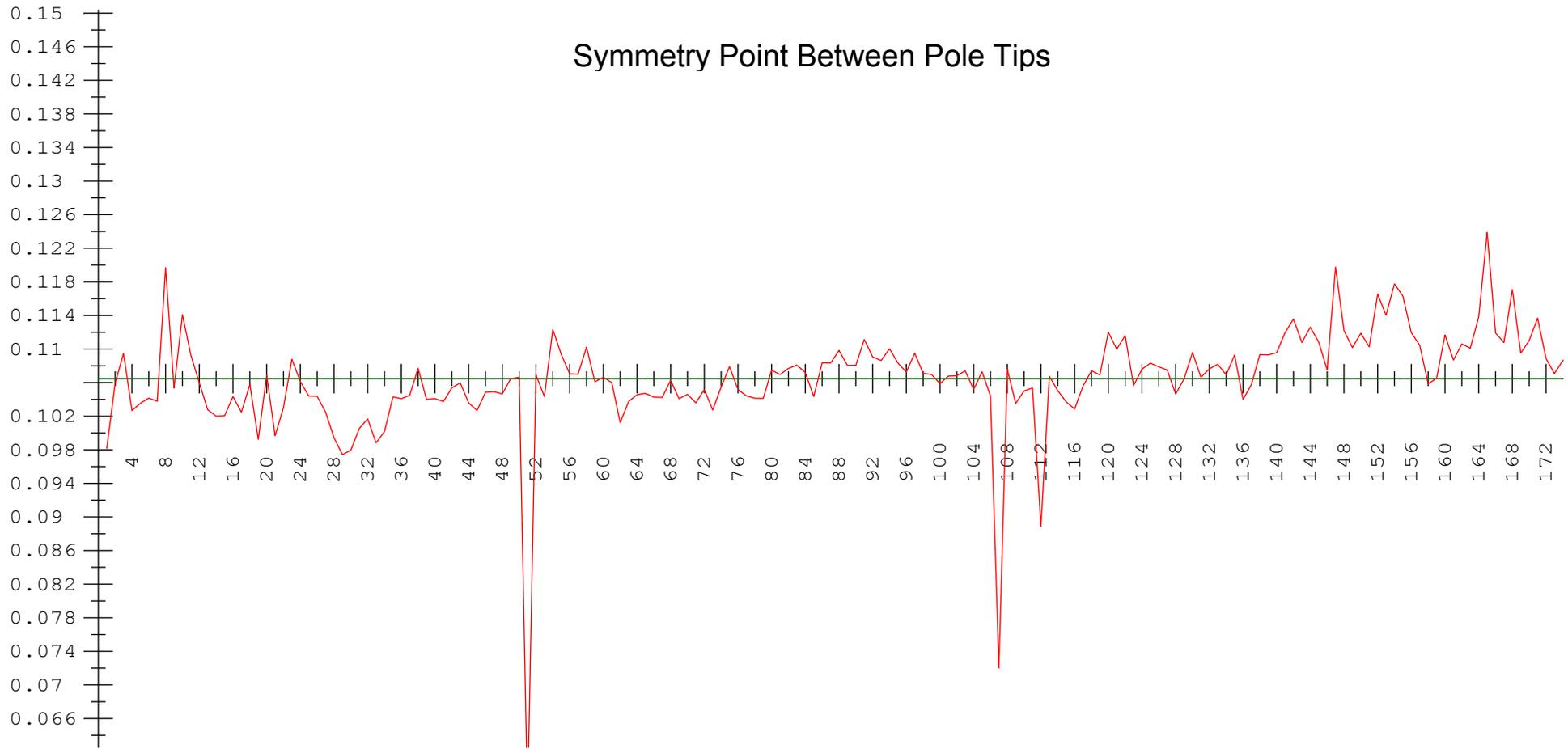


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.1065

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>	5.1064	5.1084	5.1134	5.1155
<b>Bottom</b>	-4.9021	-4.9003	-4.8958	-4.8939
<b>Gap</b>	10.0085			10.0094
<b>Taper</b>				0.0009

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1110	-4.8980	10.0090	0.1065

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.155</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>9.887</b>
<b>Reference Block Gap</b>	<b>6.799</b>

Dimensions in mm



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