

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 = 0.300

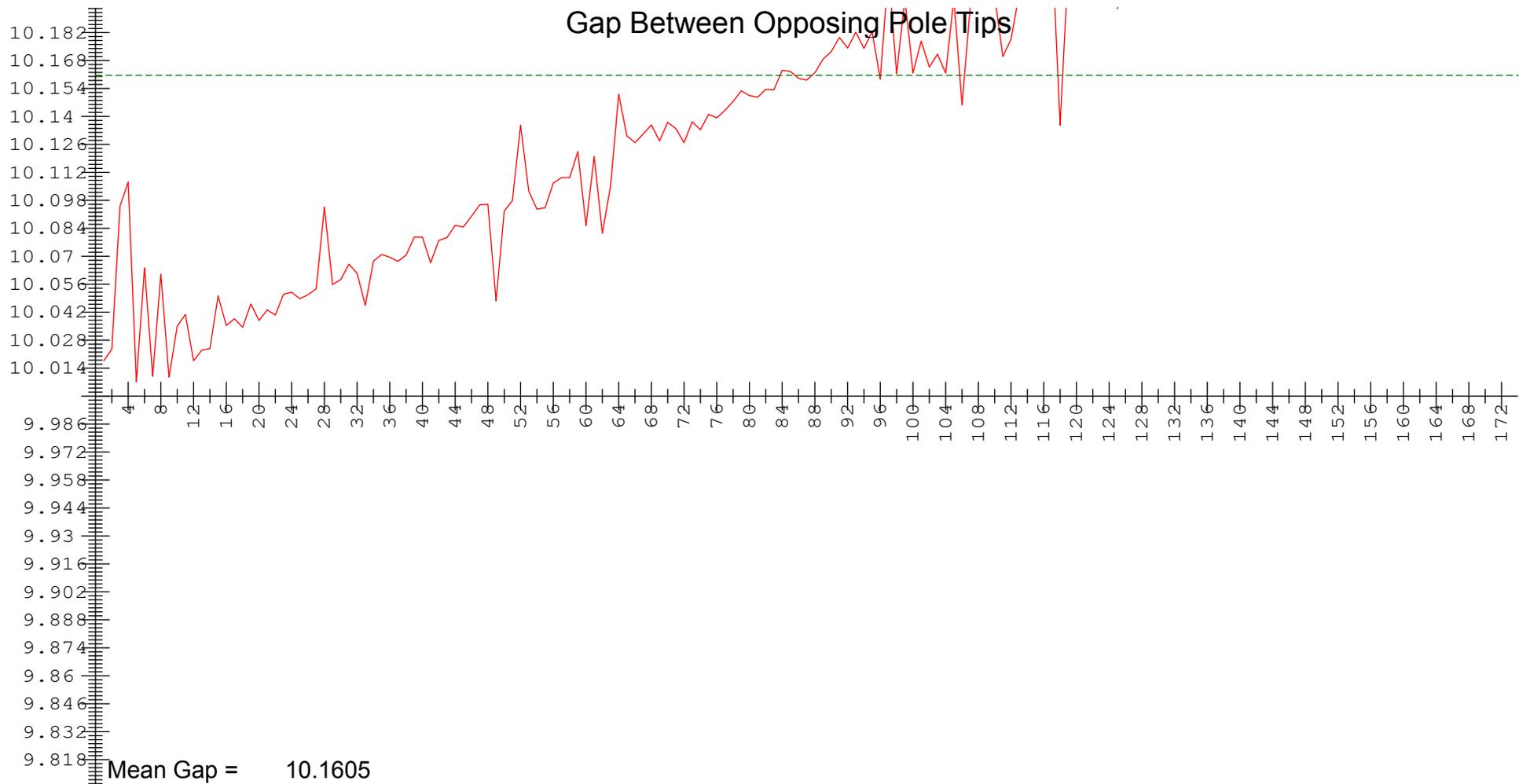
Gap Reading = 10.1500      US Encoder = 10.0000      DS Encoder = 10.3000

03-JUL-2018

S/N = 012

D/S = 0001

Run = 19



Step Between Measured Pole Tips = 1

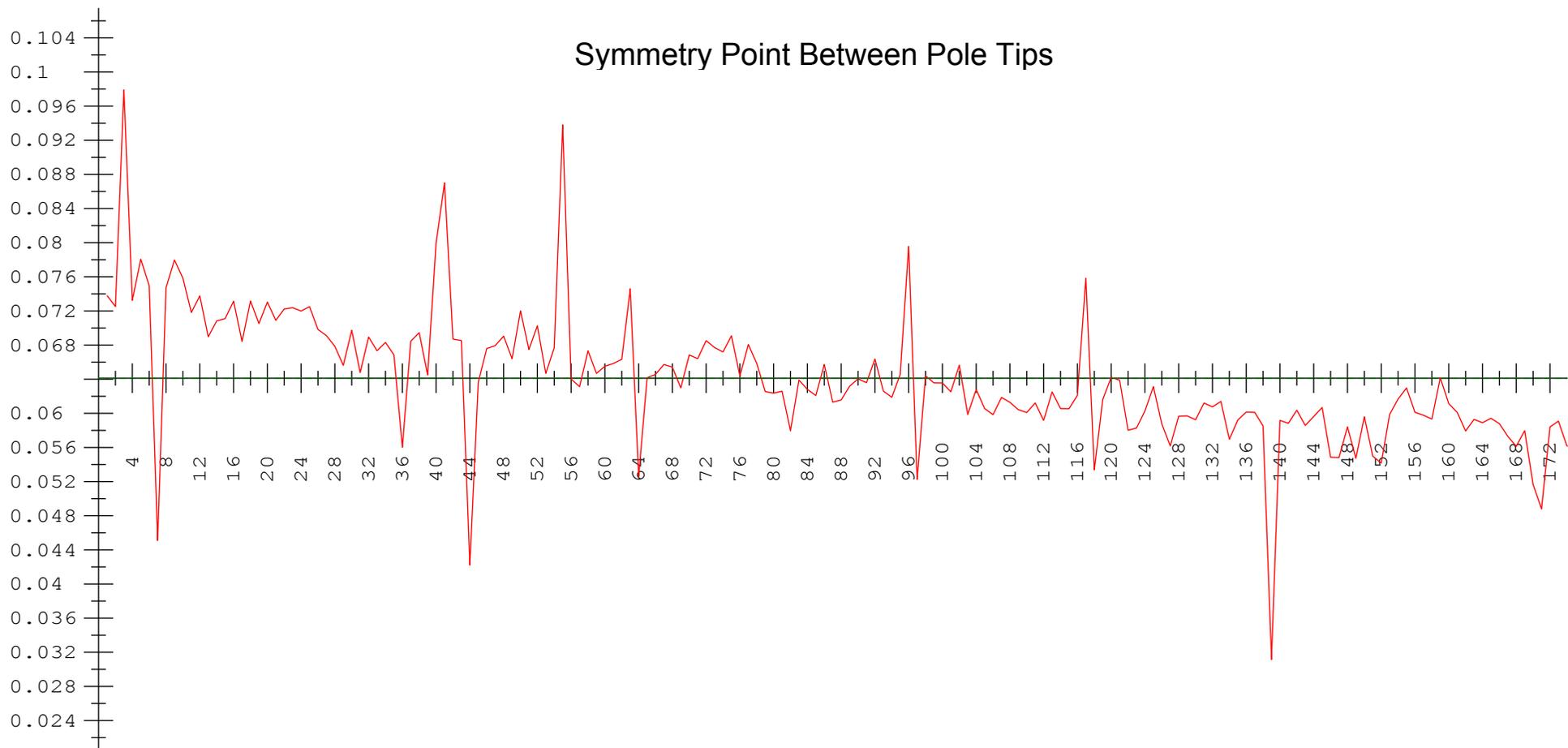
Dimensions in mm



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Mean Symmetry Value = 0.0641

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>	5.0803	5.1084	5.1796	5.2085
<b>Bottom</b>	-4.9350	-4.9706	-5.0607	-5.0973
<b>Gap</b>	10.0153			10.3058
<b>Taper</b>				0.2906

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1444	-5.0162	10.1605	0.0641

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.816</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.038</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.048</b>
<b>Minimum Effective Gap</b>	<b>9.976</b>
<b>Reference Block Gap</b>	<b>6.810</b>

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