

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points = -----

Dimensions in mm



## LCLS II - SXR Undulator

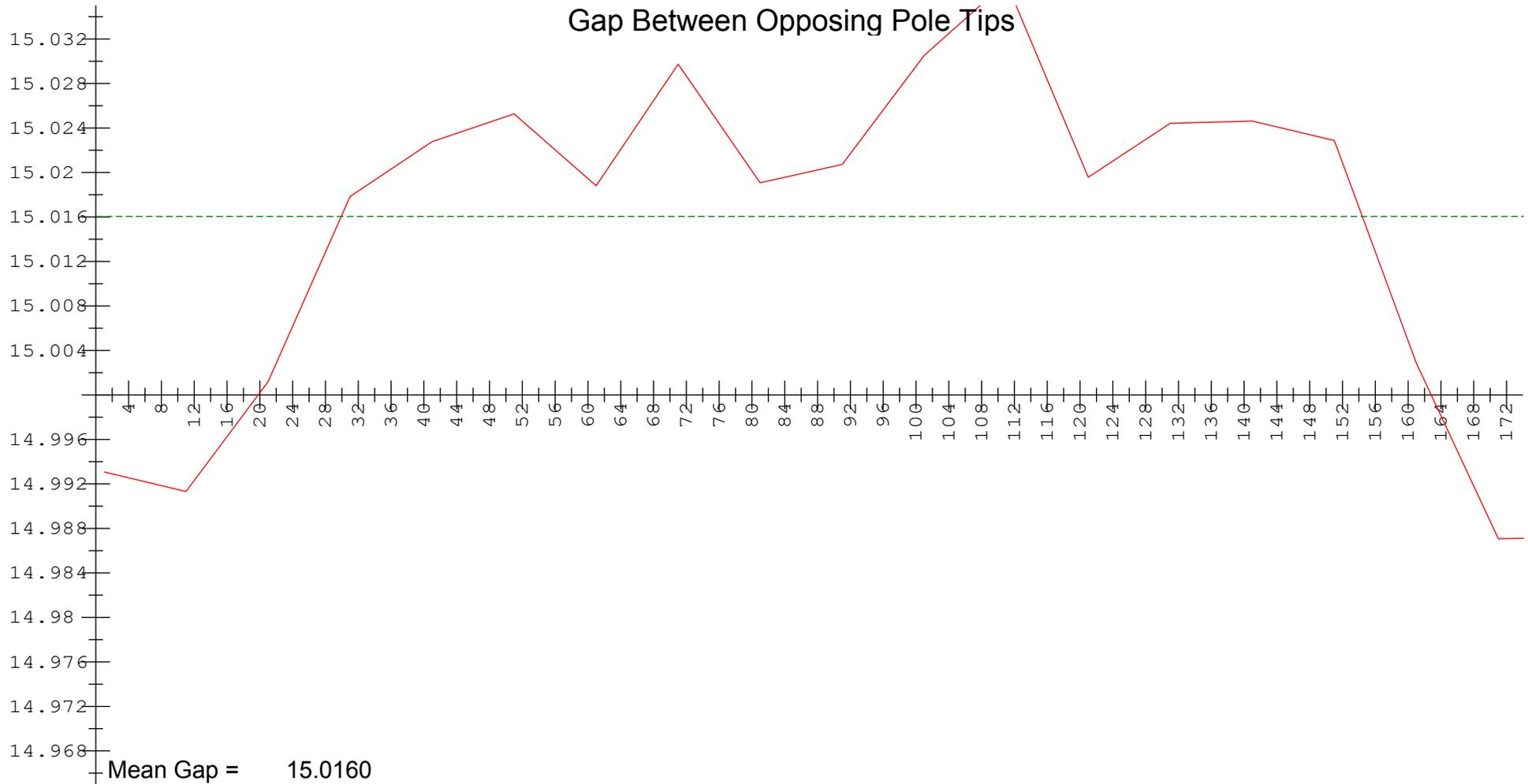
Nominal Gap = 15      Nominal Taper = 0.000  
 Gap Reading = 15.0000      US Encoder = 0.0150      DS Encoder = 0.0150

22-NOV-2019

S/N = 021

D/S = 0001

Run = 12



Step Between Measured Pole Tips = 10

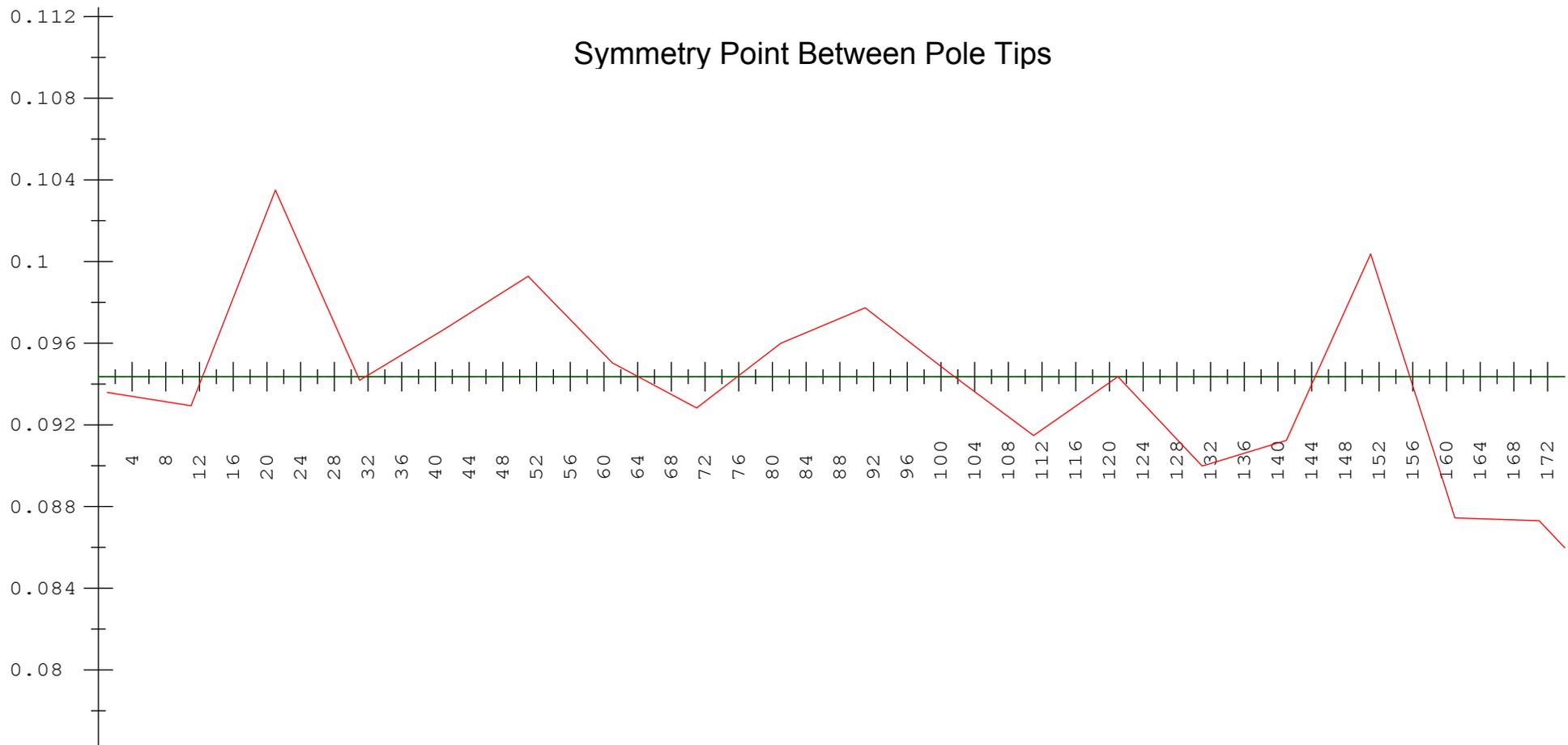
Dimensions in mm



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 Gap Reading = 15.0000      US Encoder = 0.0150      DS Encoder = 0.0150

22-NOV-2019  
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 D/S = 0001  
 Run = 12



Mean Symmetry Value = 0.0944

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>	7.6052	7.6035	7.5992	7.5975
<b>Bottom</b>	-7.4092	-7.4110	-7.4154	-7.4172
<b>Gap</b>	15.0144			15.0146
<b>Taper</b>				0.0002

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.6024	-7.4137	15.0160	0.0944

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.155</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.002</b>
<b>Minimum Effective Gap</b>	<b>14.977</b>
<b>Reference Block Gap</b>	<b>6.799</b>

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