

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = -----

Dimensions in mm

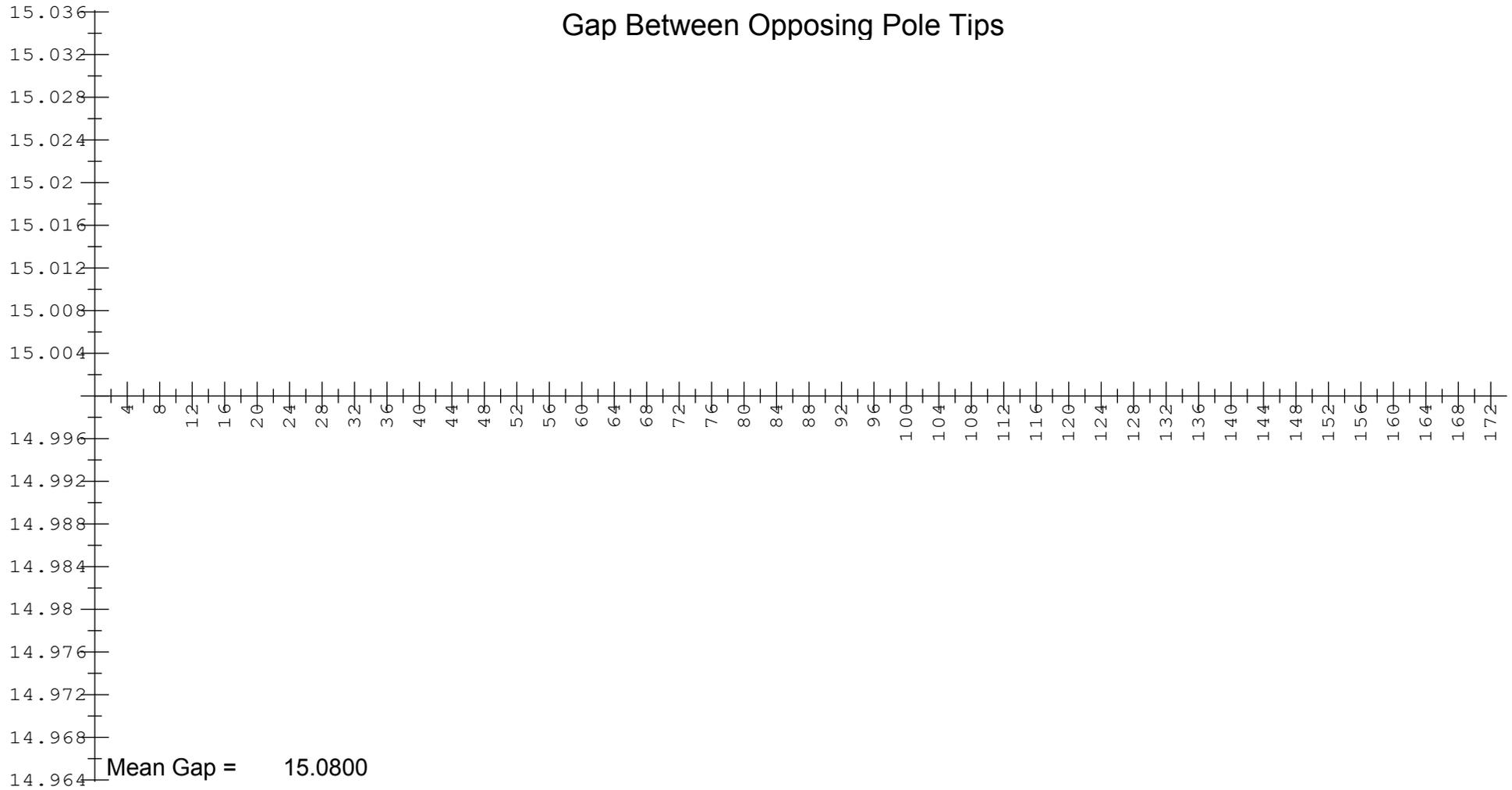


## LCLS II - SXR Undulator

Nominal Gap = 15      Nominal Taper = 0.000  
 Gap Reading = 15.0000      US Encoder = 15.0001      DS Encoder = 15.0000

05-APR-2019  
 S/N = 002  
 D/S = 0001  
 Run = 13

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

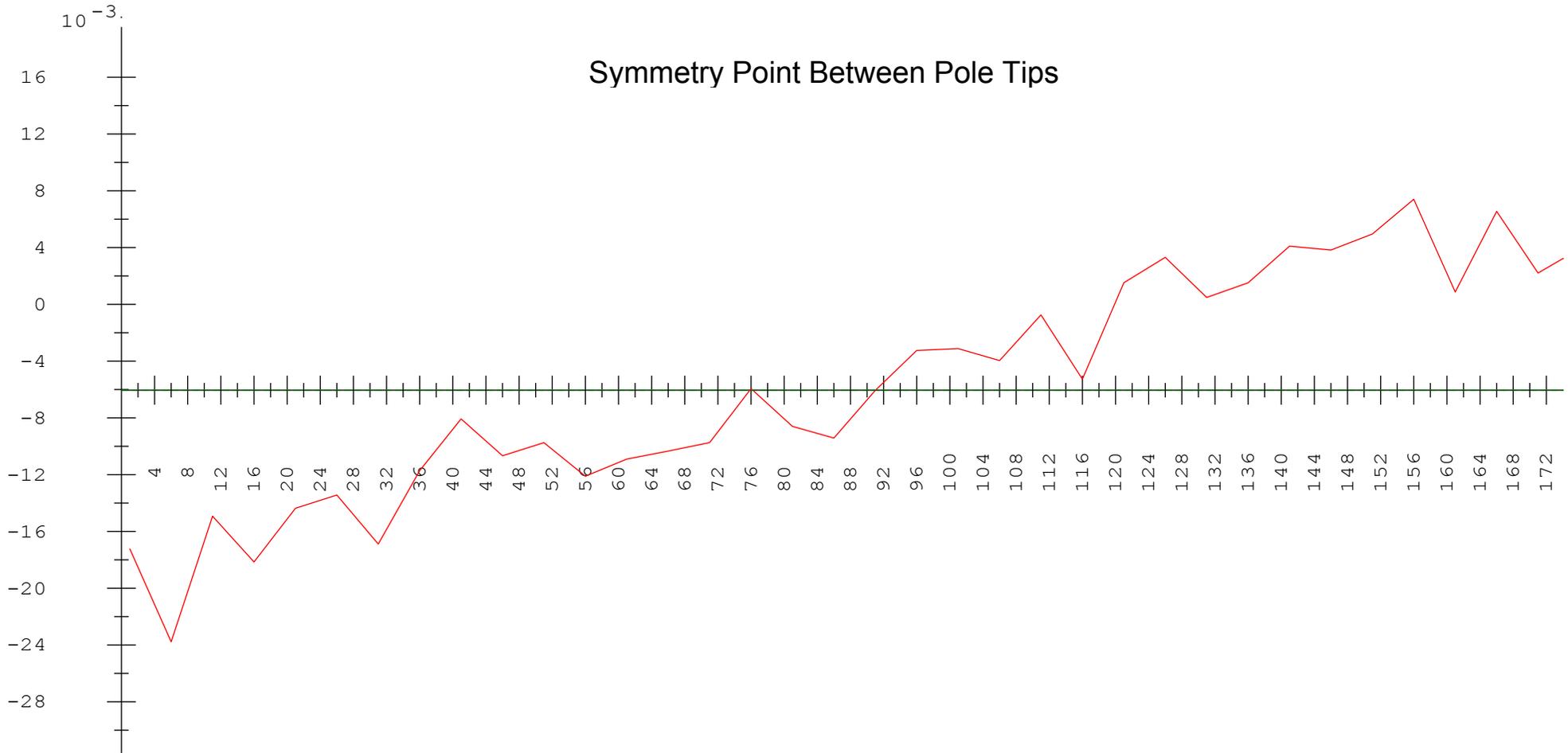


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0060

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>	7.5186	7.5254	7.5428	7.5498
<b>Bottom</b>	-7.5555	-7.5513	-7.5409	-7.5366
<b>Gap</b>	15.0741			15.0865
<b>Taper</b>				0.0124

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.5340	-7.5461	15.0800	-0.0060

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.303</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.009</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.006</b>
<b>Minimum Effective Gap</b>	<b>15.032</b>
<b>Reference Block Gap</b>	<b>6.810</b>

Dimensions in mm



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