

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 60

Regression Line Through Points = -----

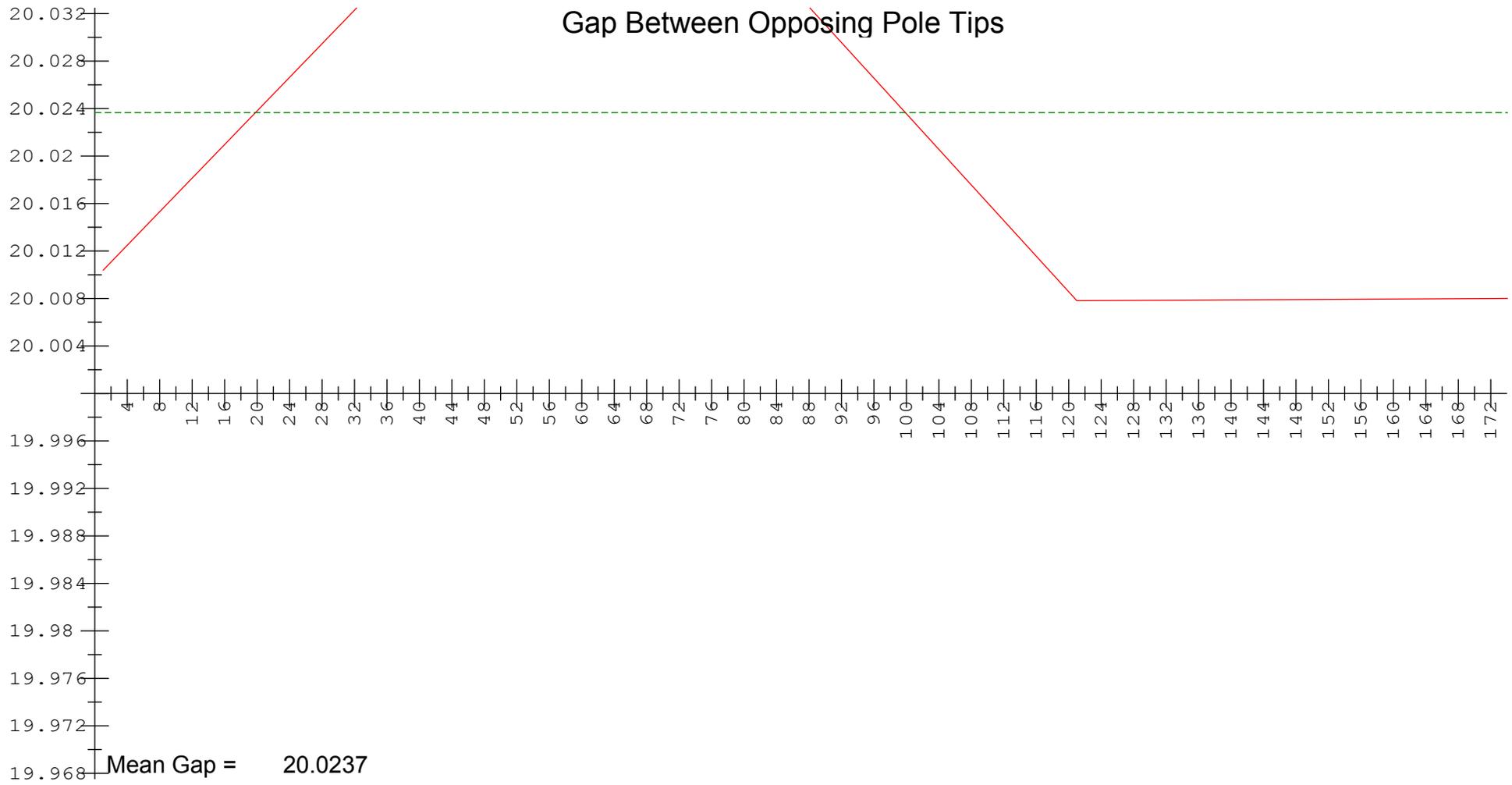
Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 20      Nominal Taper = 0.000  
 Gap Reading = 0.0000      US Encoder = 0.0000      DS Encoder = 0.0000

30-JUL-2019  
 S/N = 001  
 D/S = 0007  
 Run = 10



Step Between Measured Pole Tips = 60

Dimensions in mm



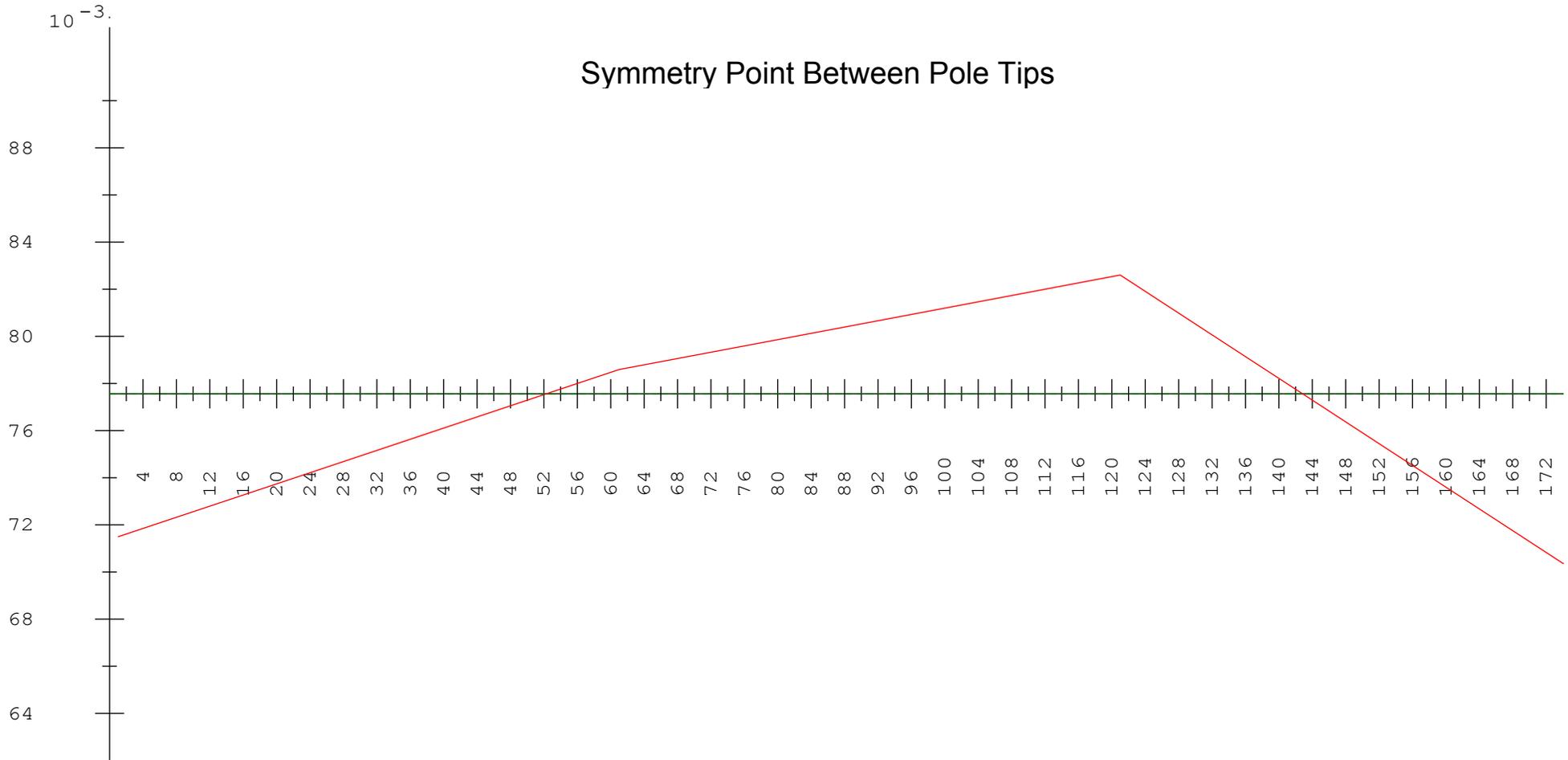
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### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0776

Step Between Measured Pole Tips = 60

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>	10.0892	10.0877	10.0838	10.0822
<b>Bottom</b>	-9.9383	-9.9365	-9.9319	-9.9301
<b>Gap</b>	20.0275			20.0123
<b>Taper</b>				-0.0153

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.0894	-9.9343	20.0237	0.0776

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.085</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>19.996</b>
<b>Reference Block Gap</b>	<b>6.804</b>

Dimensions in mm



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