

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 5

Regression Line Through Points = -----  
 Dimensions in mm



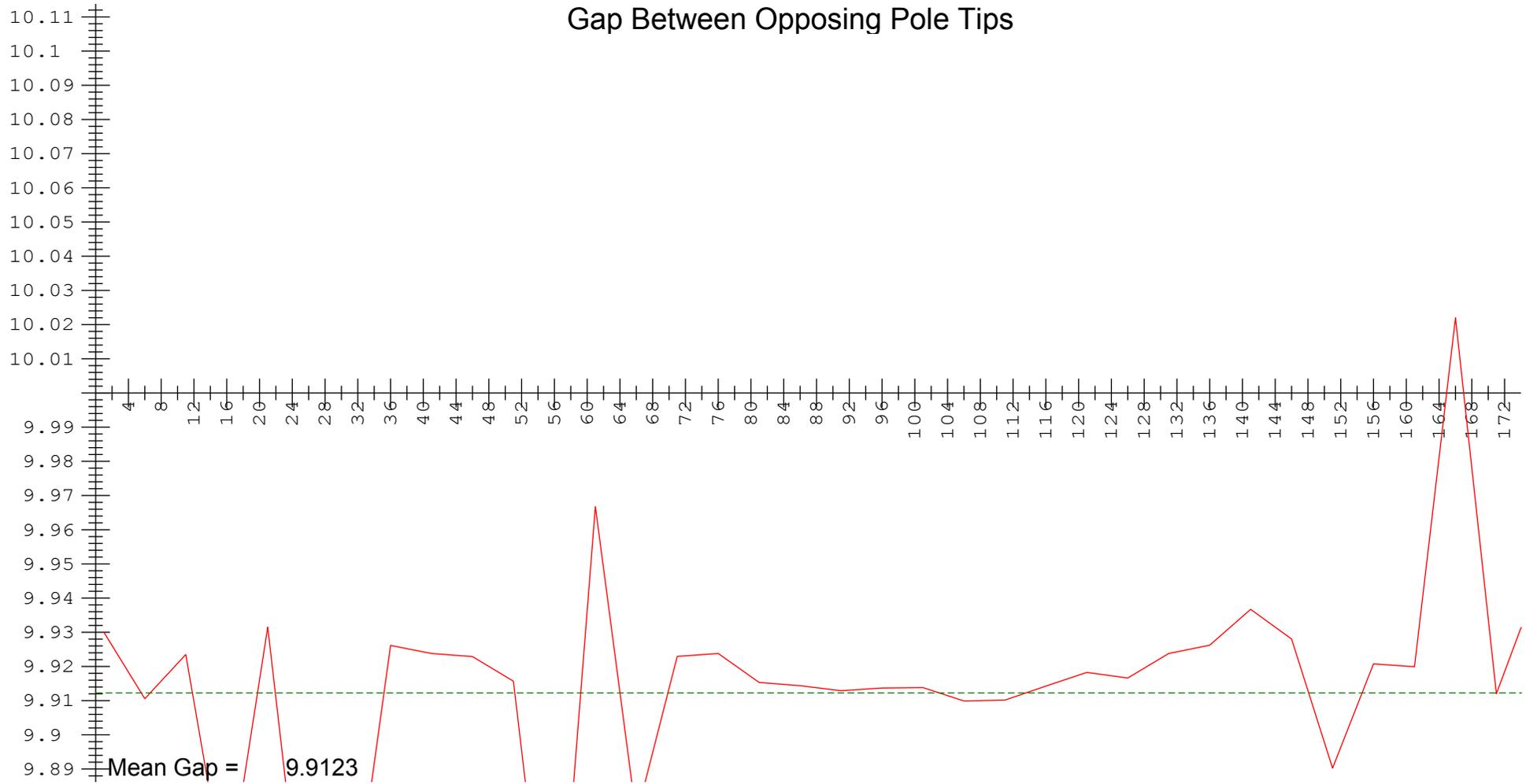
**LCLS II - SXR Undulator**

Nominal Gap = 10      Nominal Taper = 0.000

Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0001

03-MAY-2019  
 S/N = 001  
 D/S = 0006  
 Run = 3

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

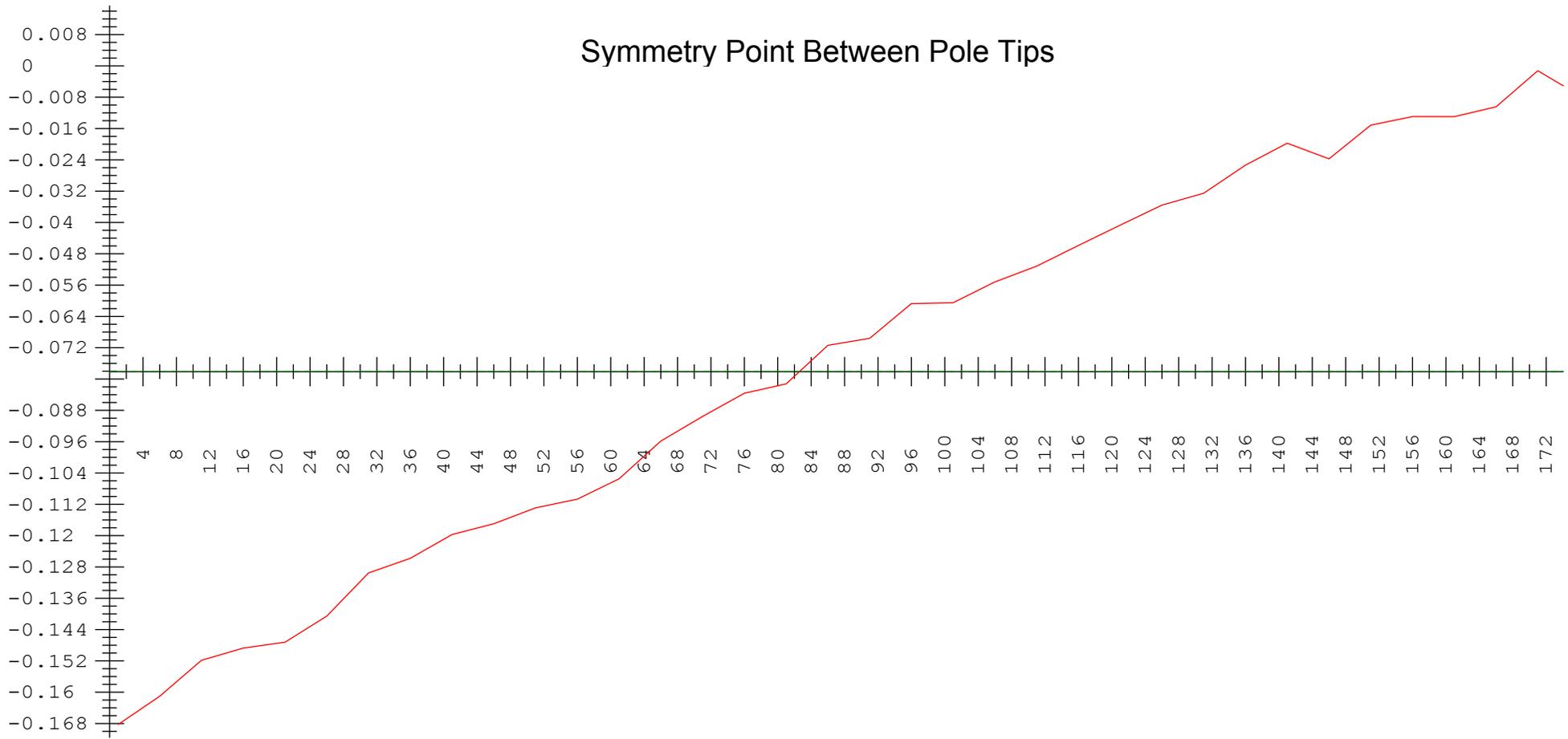


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0781

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>	4.7849	4.8264	4.9311	4.9736
<b>Bottom</b>	-5.1063	-5.0742	-4.9932	-4.9603
<b>Gap</b>	9.8912			9.9339
<b>Taper</b>				0.0427

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.8780	-5.0342	9.9123	-0.0781

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.047</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.056</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.043</b>
<b>Minimum Effective Gap</b>	<b>9.731</b>
<b>Reference Block Gap</b>	<b>6.807</b>

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