

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm

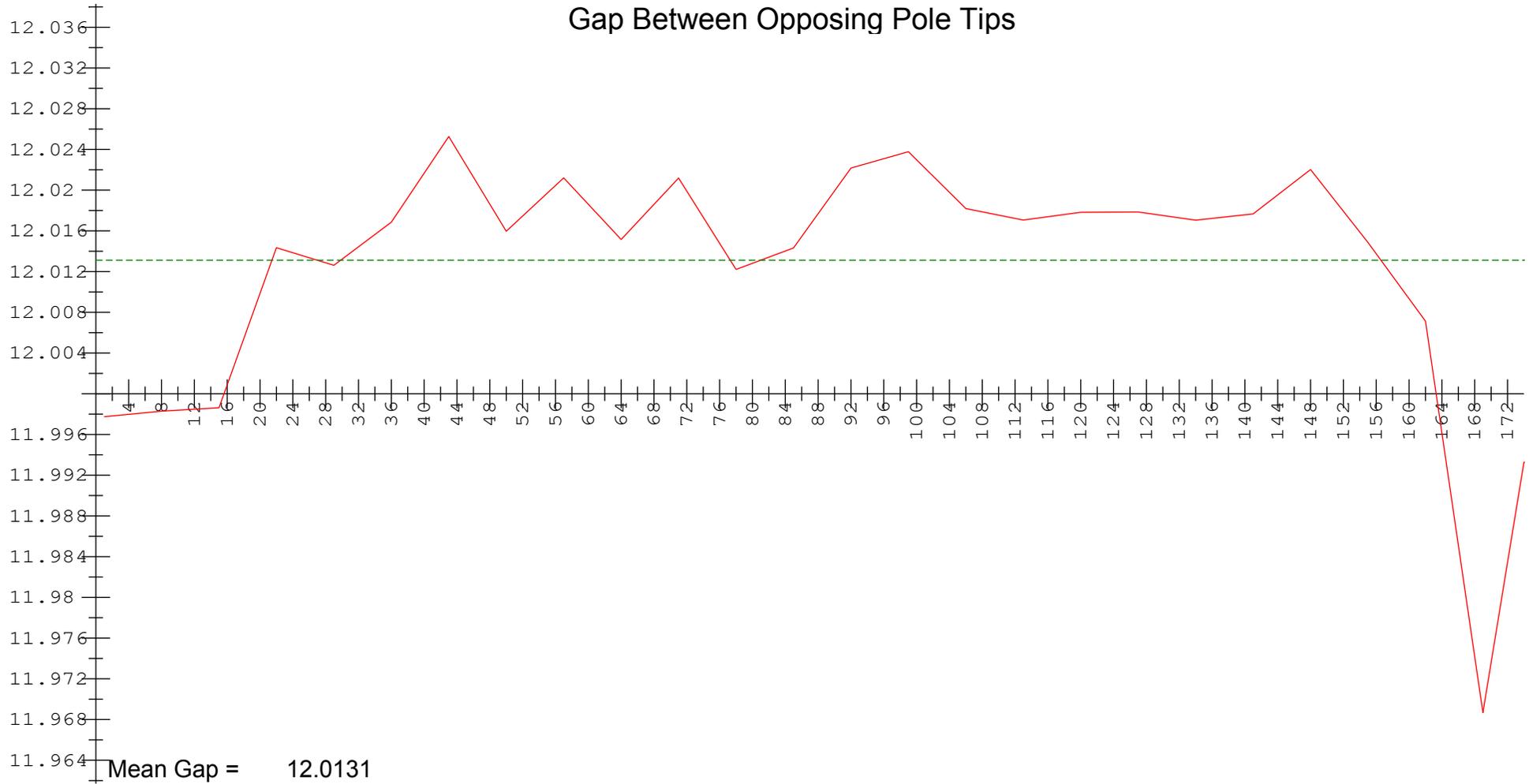


## LCLS II - SXR Undulator

Nominal Gap = 12      Nominal Taper = 0.000  
 Gap Reading = 12.0000      US Encoder = 12.0000      DS Encoder = 12.0000

19-JUL-2018  
 S/N = 013  
 D/S = 0001  
 Run = 10

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

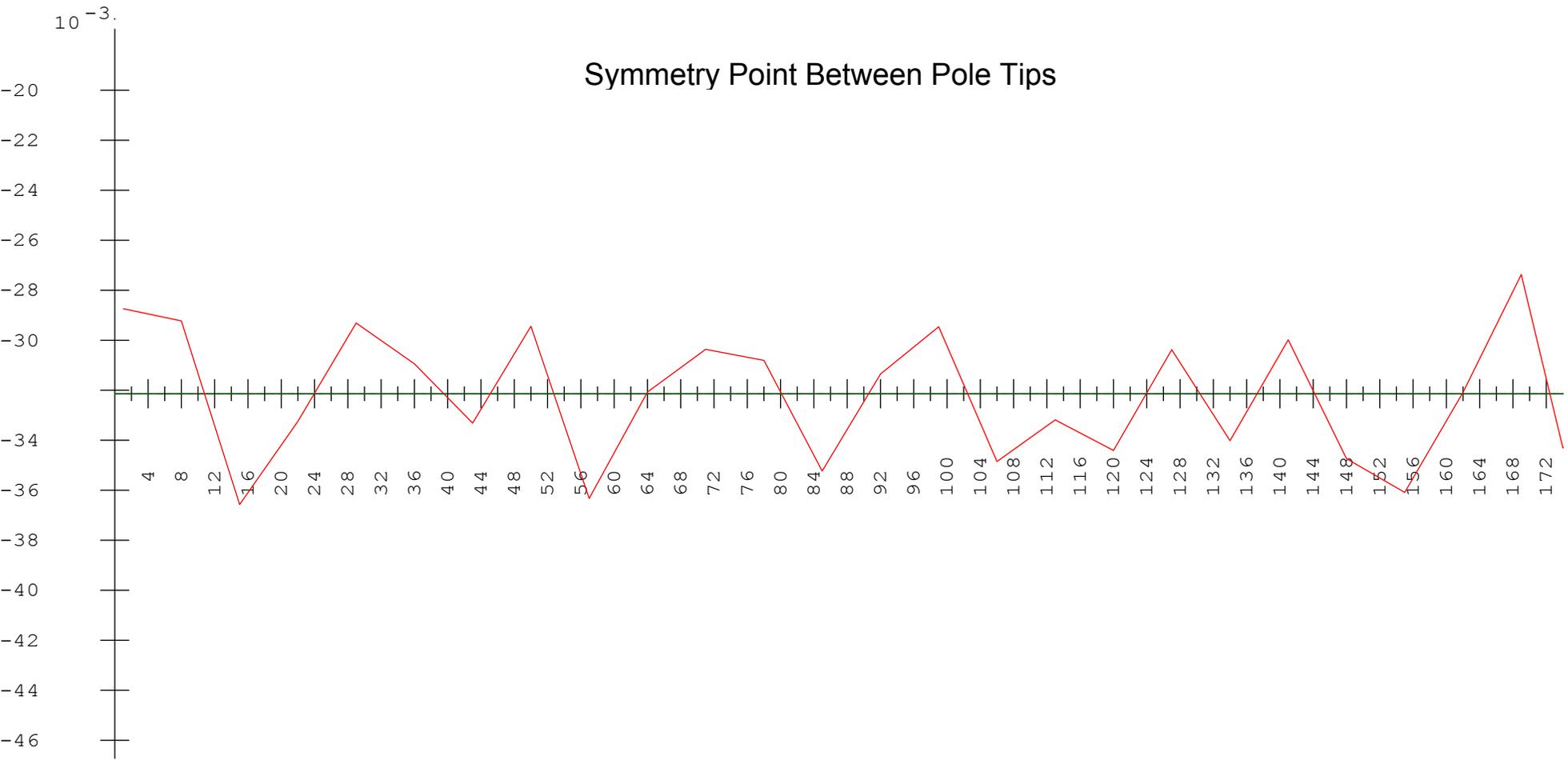
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Mean Symmetry Value = -0.0321

Step Between Measured Pole Tips = 7

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>	5.9757	5.9749	5.9730	5.9723
<b>Bottom</b>	-6.0388	-6.0386	-6.0382	-6.0380
<b>Gap</b>	12.0145			12.0103
<b>Taper</b>				-0.0042

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.9744	-6.0387	12.0131	-0.0321

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.775</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.001</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.000</b>
<b>Minimum Effective Gap</b>	<b>11.969</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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