

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm



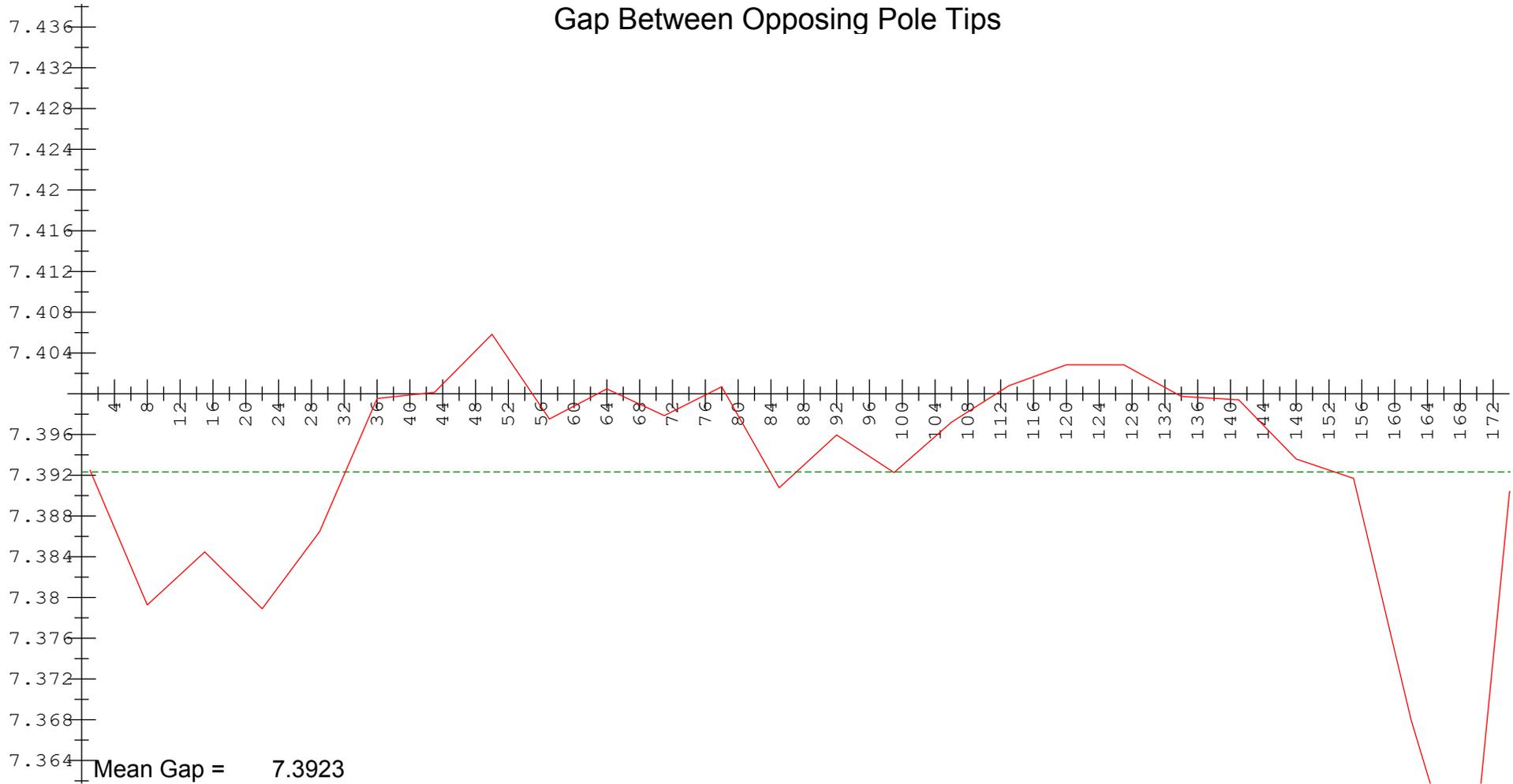
## LCLS II - SXR Undulator

Nominal Gap = 7.4      Nominal Taper = 0.000

Gap Reading = 7.4000      US Encoder = 7.3999      DS Encoder = 7.4000

18-DEC-2018  
S/N = 018  
D/S = 0001  
Run = 2

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

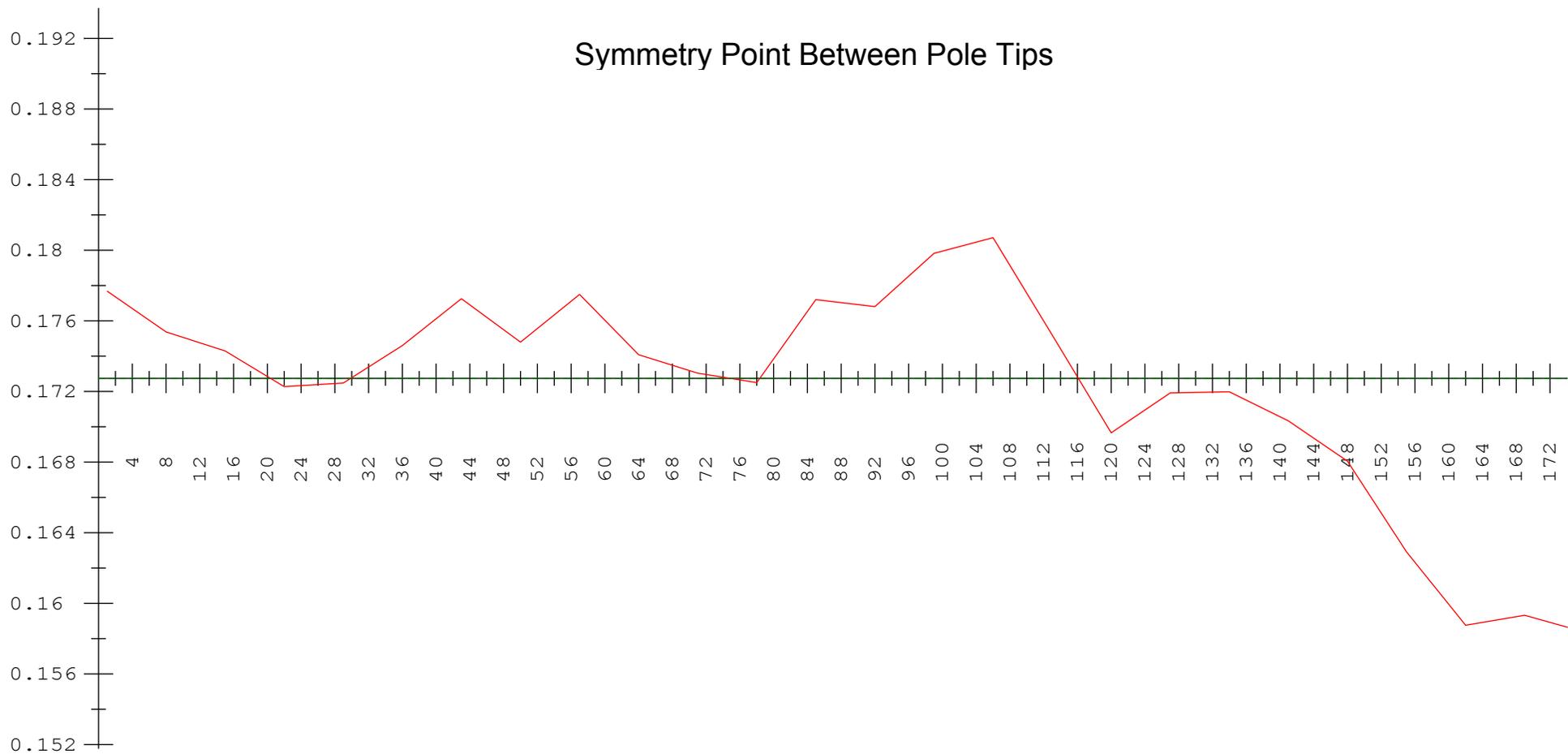
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Mean Symmetry Value = 0.1727

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>	3.8767	3.8731	3.8639	3.8601
<b>Bottom</b>	-3.5187	-3.5210	-3.5267	-3.5290
<b>Gap</b>	7.3954			7.3892
<b>Taper</b>				-0.0063

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.8689	-3.5234	7.3923	0.1727

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.178</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.005</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.003</b>
<b>Minimum Effective Gap</b>	<b>7.348</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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