

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = -----

Dimensions in mm

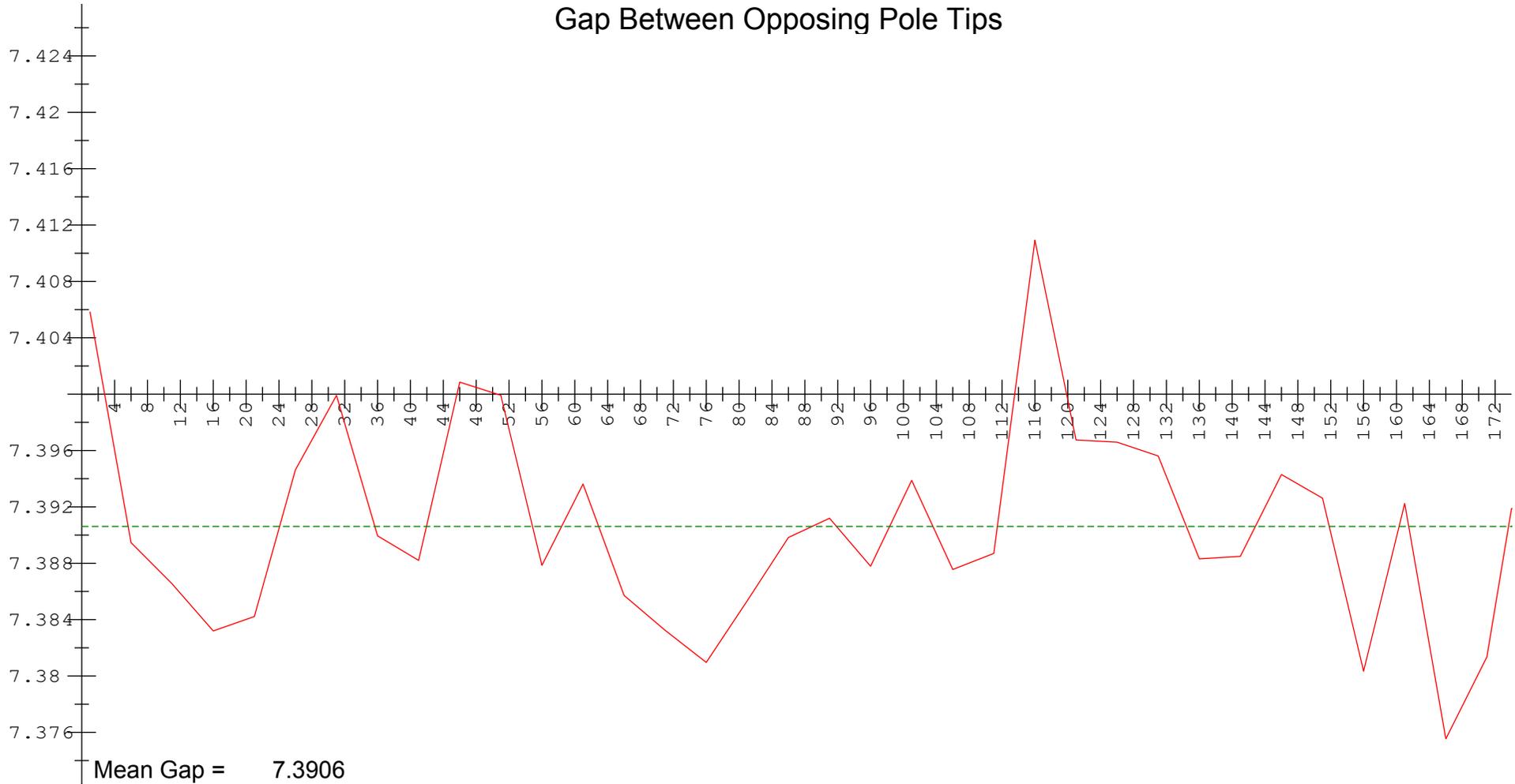


## LCLS II - SXR Undulator

Nominal Gap = 7.4      Nominal Taper = 0.000  
 Gap Reading = 7.4000      US Encoder = 7.4000      DS Encoder = 7.4001

13-NOV-2018  
 S/N = 017  
 D/S = 0001  
 Run = 4

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

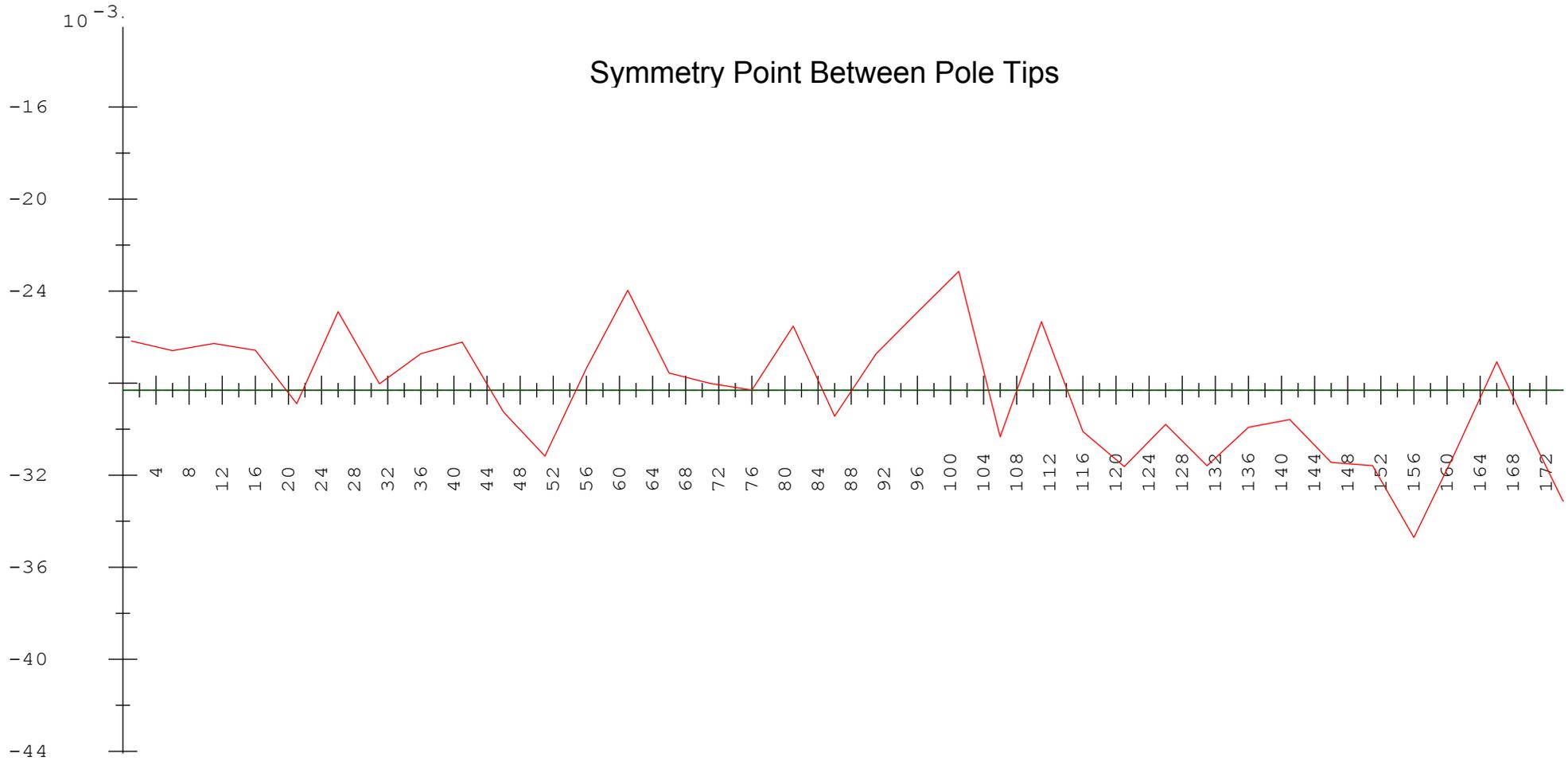


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0283

Step Between Measured Pole Tips = 5

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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>	3.6705	3.6689	3.6650	3.6633
<b>Bottom</b>	-3.7221	-3.7228	-3.7247	-3.7254
<b>Gap</b>	7.3926			7.3888
<b>Taper</b>				-0.0038

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.6670	-3.7236	7.3906	-0.0283

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.178</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.001</b>
<b>Minimum Effective Gap</b>	<b>7.370</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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