

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 10

Regression Line Through Points = -----

Dimensions in mm

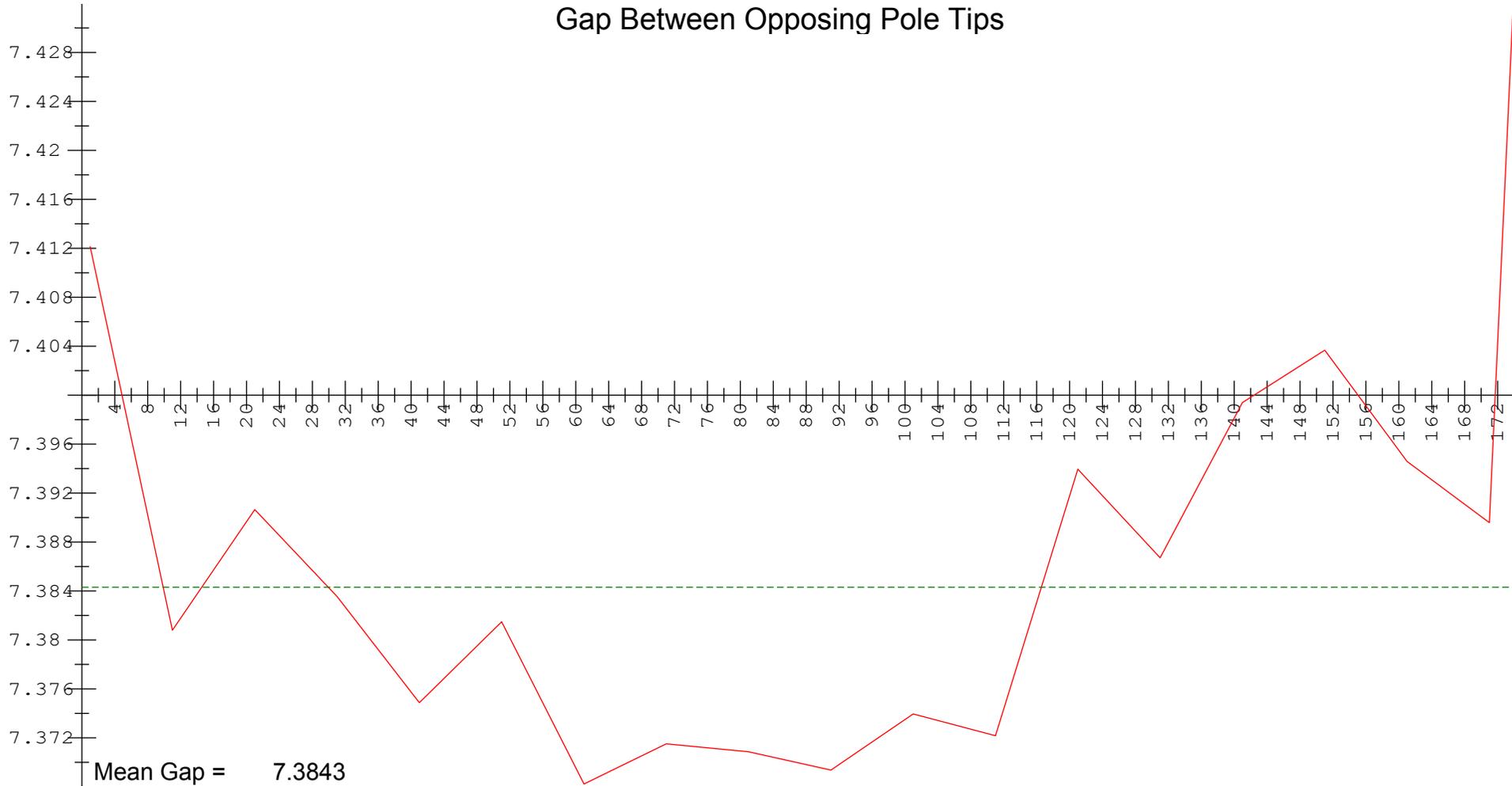


## LCLS II - SXR Undulator

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

19-APR-2018  
 S/N = 009  
 D/S = 0001  
 Run = 13

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

Dimensions in mm

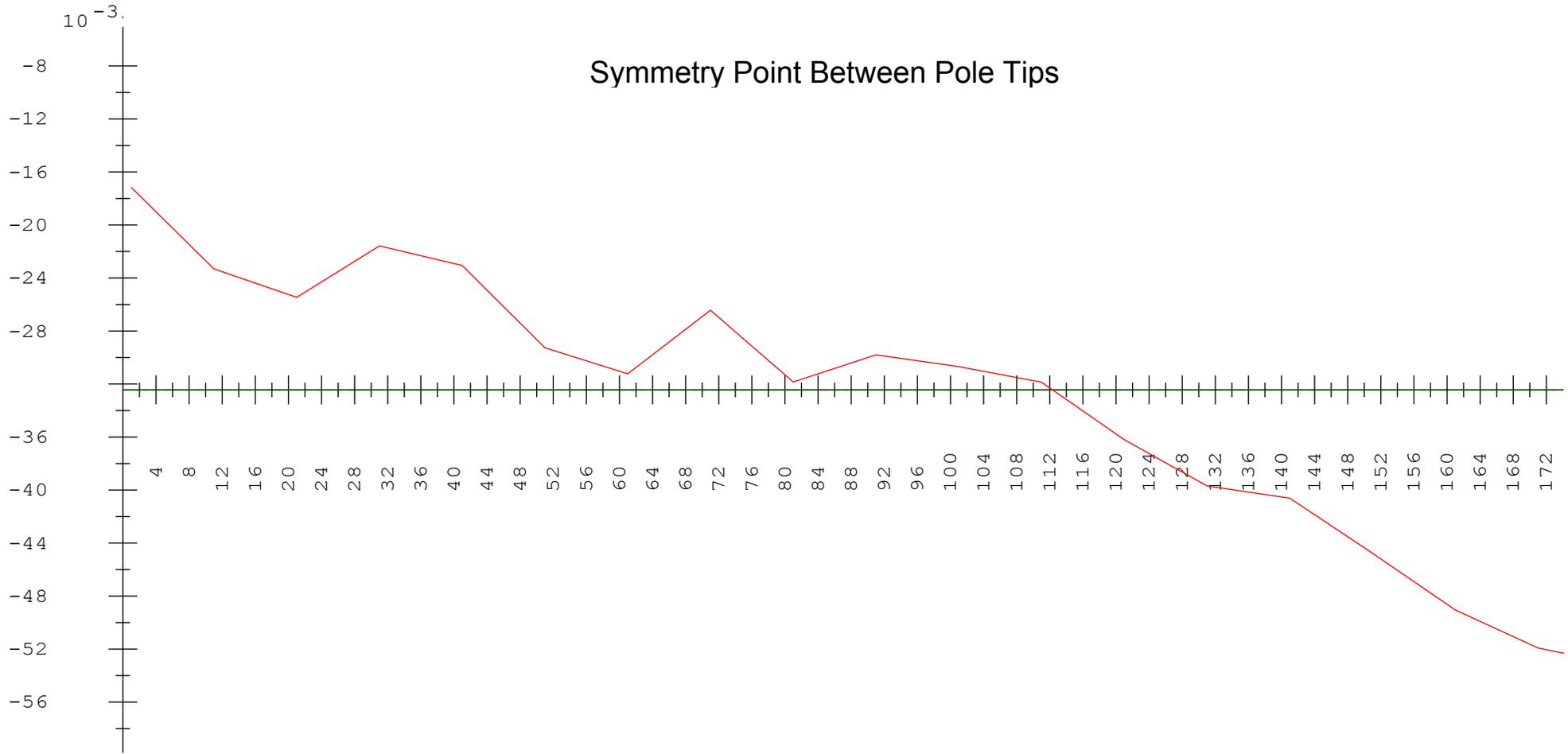


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0324

Step Between Measured Pole Tips = 10

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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>	3.6710	3.6663	3.6545	3.6497
<b>Bottom</b>	-3.7062	-3.7150	-3.7372	-3.7462
<b>Gap</b>	7.3772			7.3959
<b>Taper</b>				0.0187

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.6597	-3.7246	7.3843	-0.0324

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.421</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.006</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.012</b>
<b>Minimum Effective Gap</b>	<b>7.353</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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