

Minimum Effective Gap = 7.391

Y Value Scales Centered on Mean Values  
Step Between Measured Pole Tips = 7

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



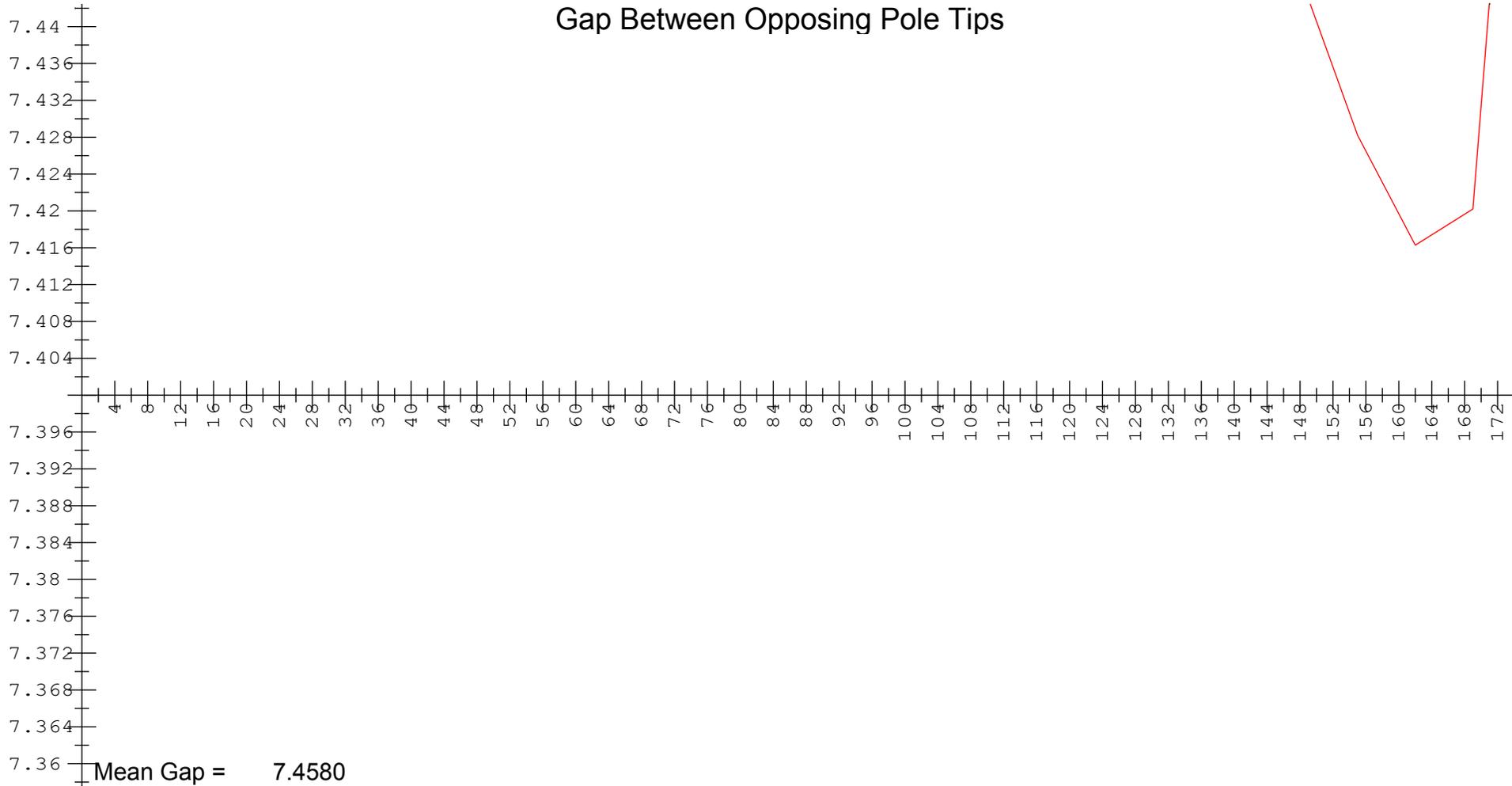
**LCLS II - SXR Undulator**

Nominal Gap = 7.4      Nominal Taper = 0.000

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

04-APR-2019  
S/N = 002  
D/S = 0001  
Run = 1

# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

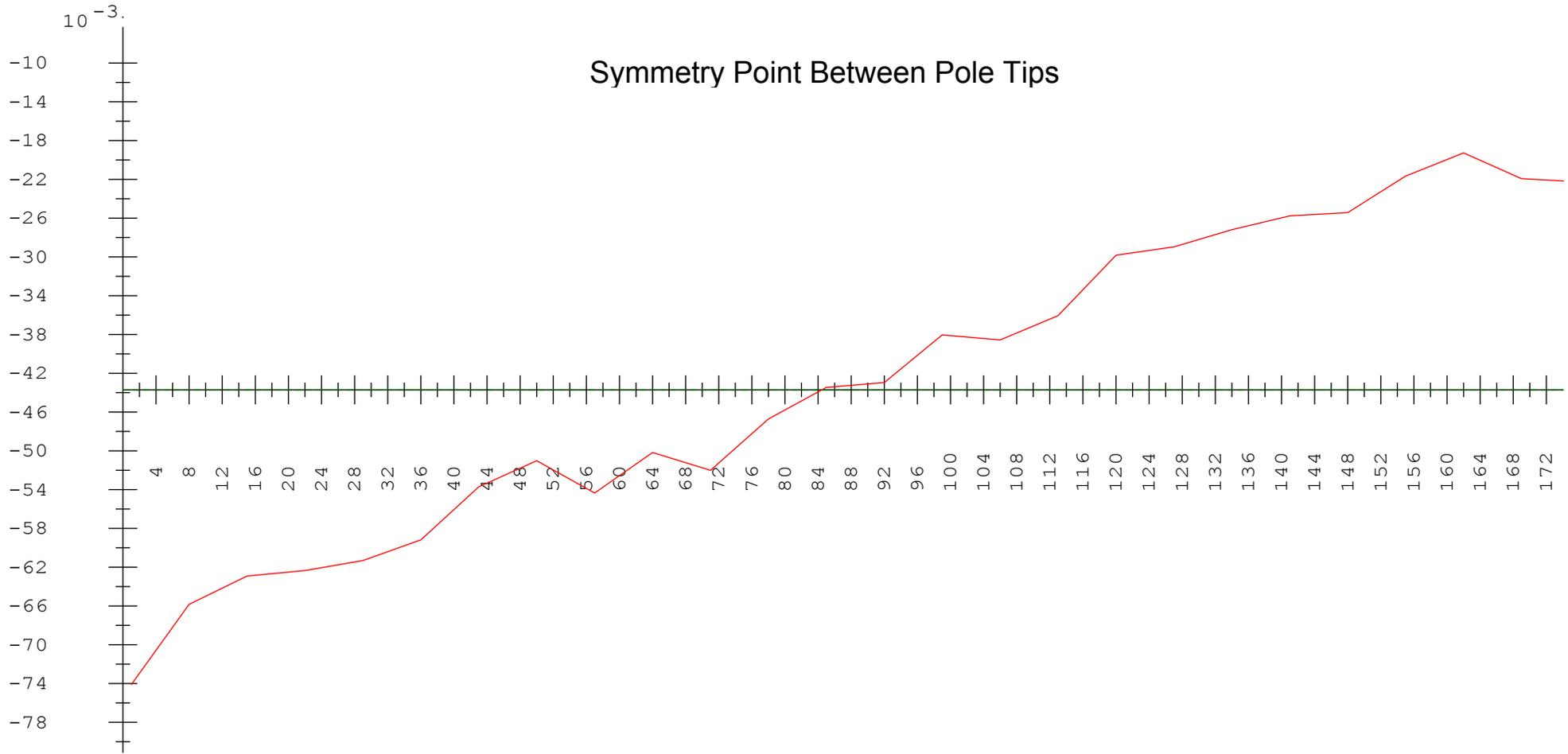


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### Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0437

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>	3.6687	3.6764	3.6960	3.7039
<b>Bottom</b>	-3.8068	-3.7918	-3.7538	-3.7384
<b>Gap</b>	7.4756			7.4423
<b>Taper</b>				-0.0333

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.6853	-3.7727	7.4580	-0.0437

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.303</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.010</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.020</b>
<b>Minimum Effective Gap</b>	<b>7.391</b>
<b>Reference Block Gap</b>	<b>6.810</b>

Dimensions in mm



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