

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm



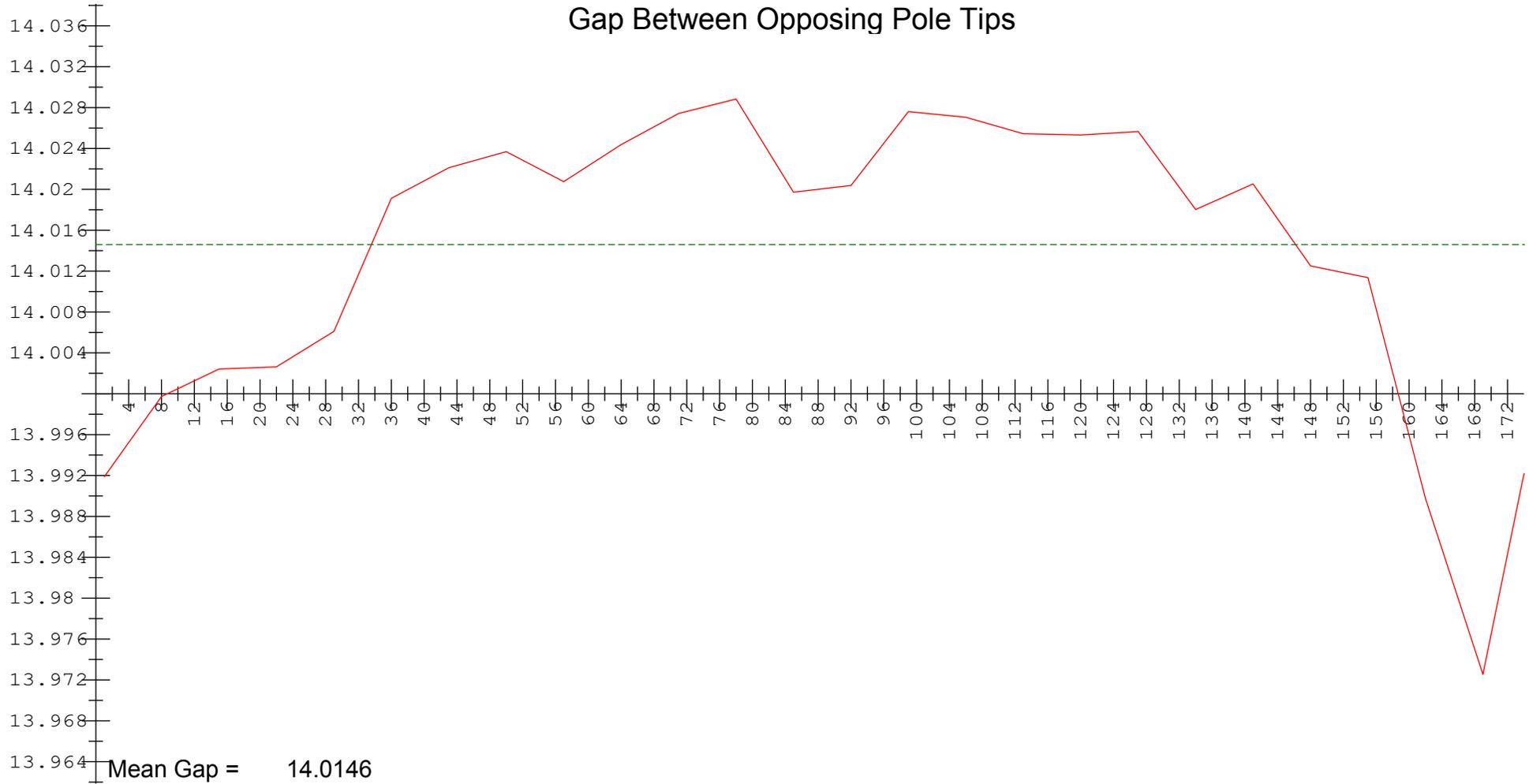
## LCLS II - SXR Undulator

Nominal Gap = 14      Nominal Taper = 0.000

Gap Reading = 14.0000      US Encoder = 14.0000      DS Encoder = 14.0001

18-DEC-2018  
S/N = 018  
D/S = 0001  
Run = 9

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

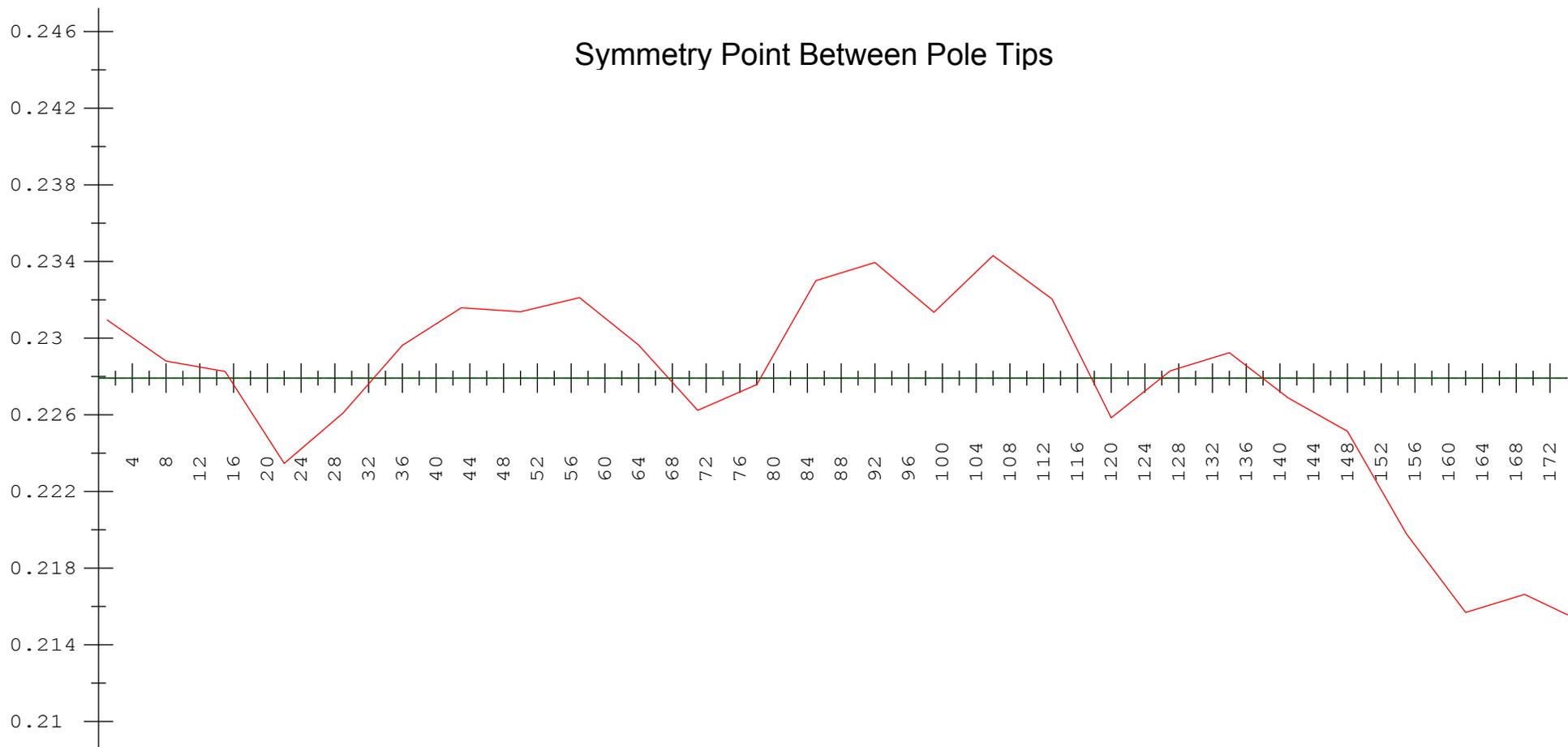
Dimensions in mm



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 Gap Reading = 14.0000      US Encoder = 14.0000      DS Encoder = 14.0001

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Mean Symmetry Value = 0.2279

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>	7.2402	7.2377	7.2311	7.2285
<b>Bottom</b>	-6.7759	-6.7774	-6.7813	-6.7829
<b>Gap</b>	14.0161			14.0114
<b>Taper</b>				-0.0048

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.2352	-6.7794	14.0146	0.2279

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>980.178</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.003</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>-0.002</b>
<b>Minimum Effective Gap</b>	<b>13.968</b>
<b>Reference Block Gap</b>	<b>6.806</b>

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