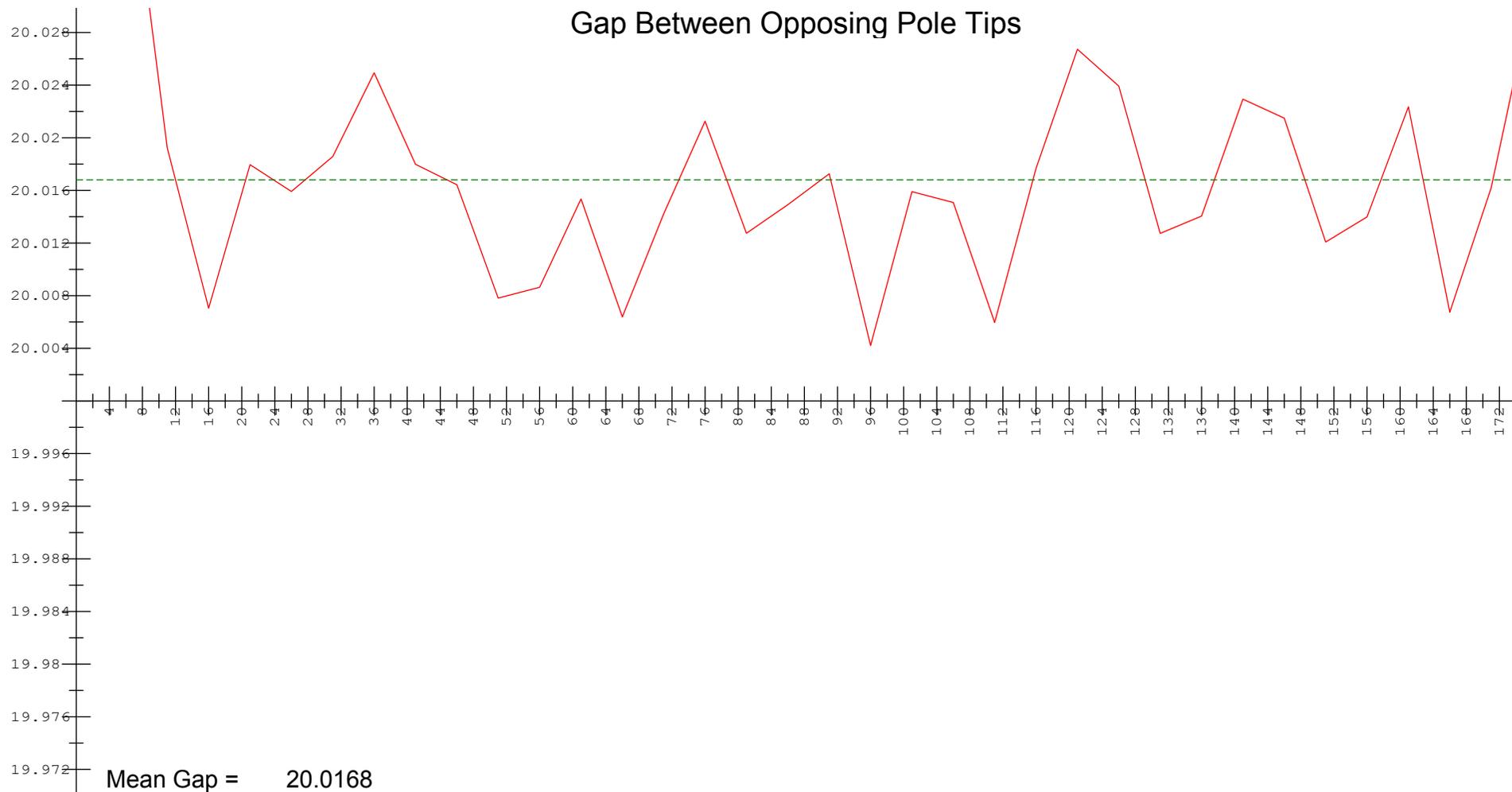


Minimum Effective Gap = 19.988

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 5

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

	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 20</p> <p style="margin: 0;">Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000</p>	<p style="margin: 0;">08-MAR-2018</p> <p style="margin: 0;">S/N = 007</p> <p style="margin: 0;">D/S= 0001</p> <p style="margin: 0;">Run= 15</p>
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Step Between Measured Pole Tips = 5

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 20

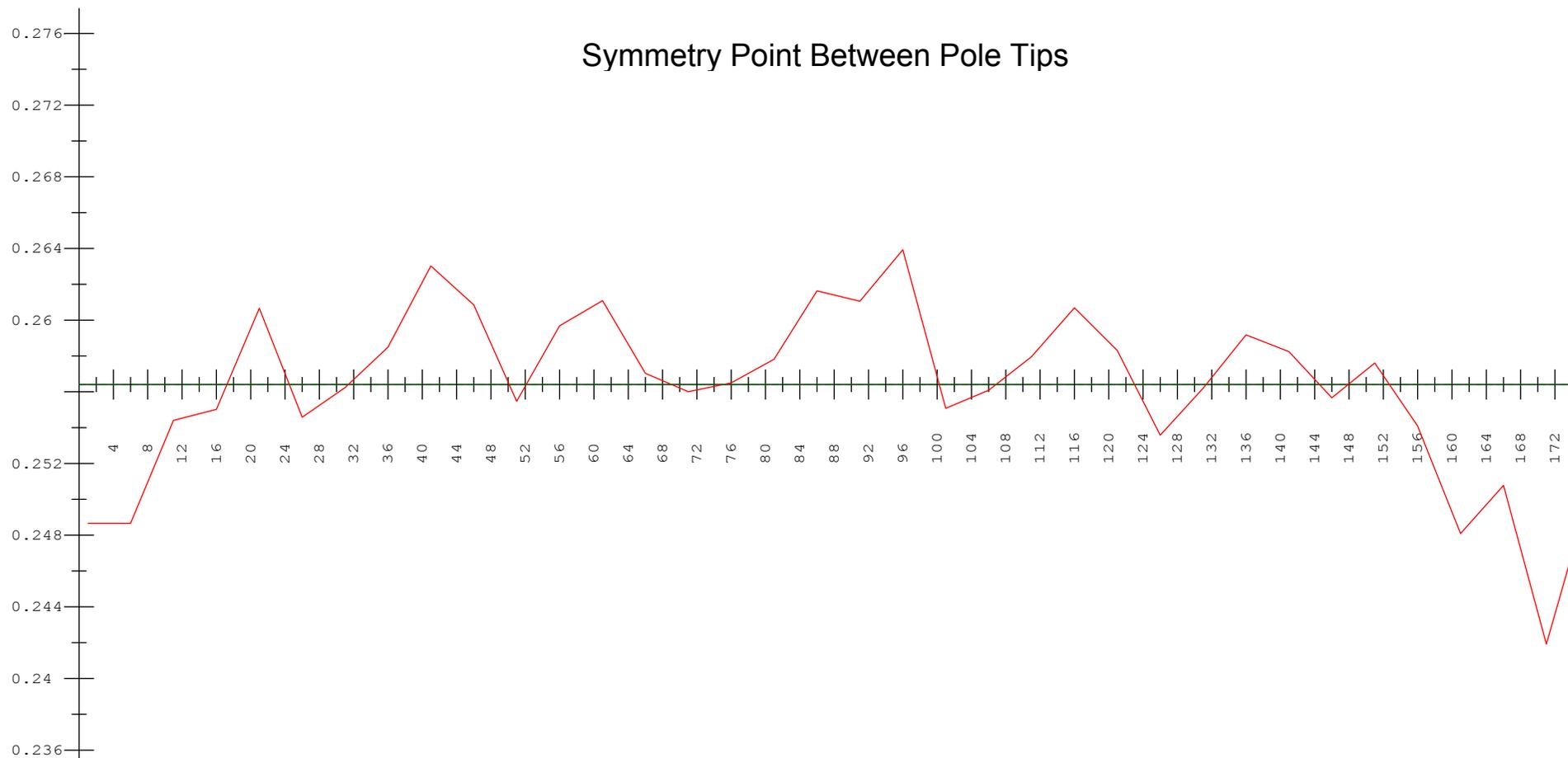
Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000

08-MAR-2018

S/N = 007

D/S = 0001

Run = 15



Mean Symmetry Value = 0.2564

Step Between Measured Pole Tips = 5

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 20

Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000

08-MAR-2018

S/N = 007

D/S = 0001

Run = 15

## 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>	10.2679	10.2665	10.2629	10.2615
<b>Bottom</b>	-9.7516	-9.7519	-9.7528	-9.7531
<b>Gap</b>	20.0195			20.0146
<b>Taper</b>				-0.0049

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.2648	-9.7520	20.0168	0.2564

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.176</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.002</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.000</b>
<b>Minimum Effective Gap</b>	<b>19.988</b>
<b>Reference Block Gap</b>	<b>6.804</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 20

Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000

08-MAR-2018

S/N = 007

D/S= 0001

Run= 15