

Minimum Effective Gap = 19.974

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

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

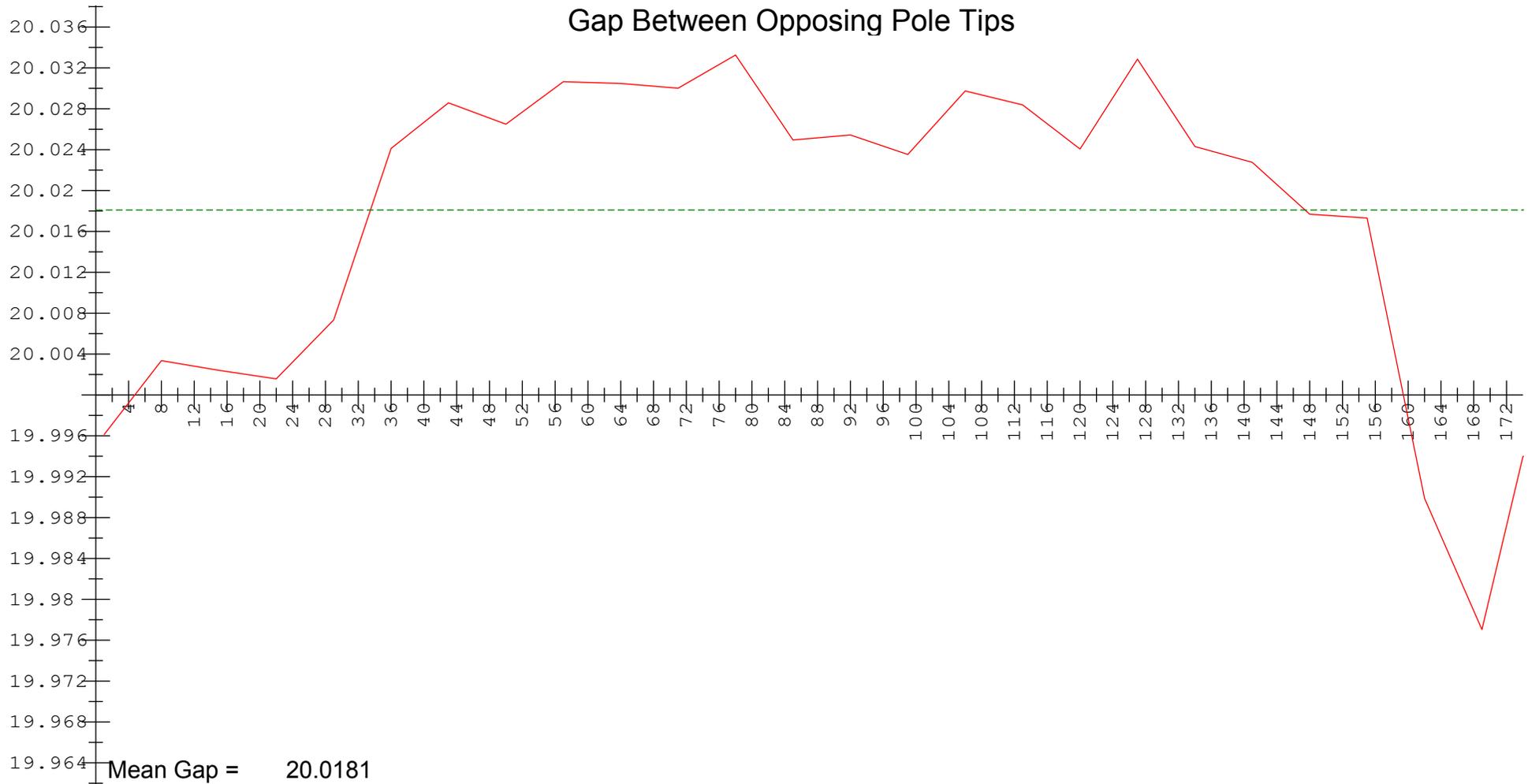


## LCLS II - SXR Undulator

Nominal Gap = 20      Nominal Taper = 0.000

Gap Reading = 20.0000      US Encoder = 20.0000      DS Encoder = 20.0000

18-DEC-2018  
 S/N = 018  
 D/S = 0001  
 Run = 11



Step Between Measured Pole Tips = 7

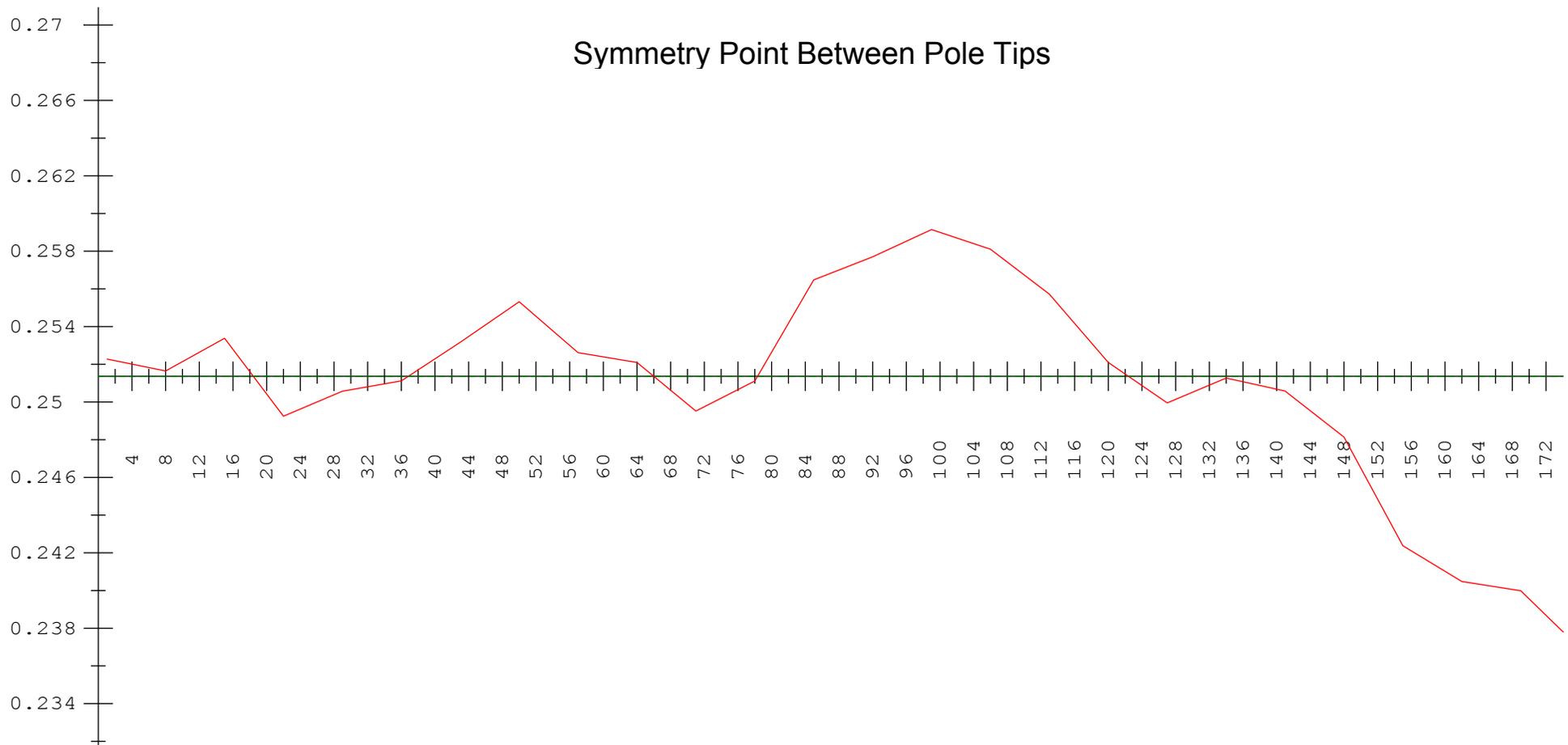
Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 20                      Nominal Taper = 0.000  
 Gap Reading = 20.0000    US Encoder = 20.0000    DS Encoder = 20.0000

18-DEC-2018  
 S/N = 018  
 D/S = 0001  
 Run = 11



Mean Symmetry Value = 0.2514

Step Between Measured Pole Tips = 7

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 20                      Nominal Taper = 0.000  
 Gap Reading = 20.0000    US Encoder = 20.0000    DS Encoder = 20.0000

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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>	10.2652	10.2627	10.2564	10.2538
<b>Bottom</b>	-9.7543	-9.7558	-9.7596	-9.7611
<b>Gap</b>	20.0195			20.0149
<b>Taper</b>				-0.0046

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.2604	-9.7577	20.0181	0.2514

## 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>19.974</b>
<b>Reference Block Gap</b>	<b>6.806</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 20                      Nominal Taper = 0.000  
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