

Minimum Effective Gap = 9.919

Y Value Scales Centered on Mean Values  
Step Between Measured Pole Tips = 1

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

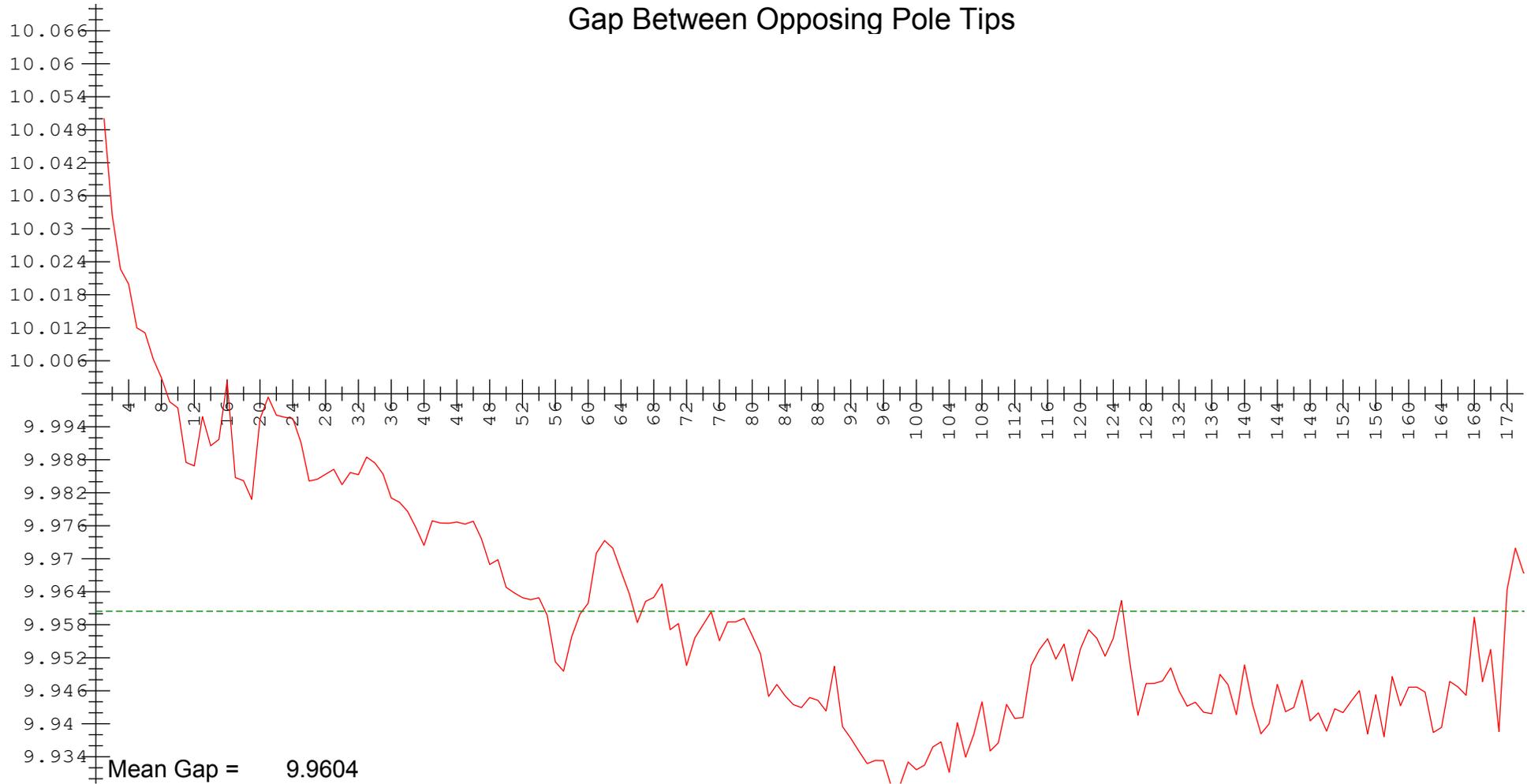


## LCLS II - SXR Undulator

Nominal Gap = 10                      Nominal Taper = 0  
Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000

28-MAR-2018  
S/N = 008  
D/S = 0001  
Run = 2

# Gap Between Opposing Pole Tips



Mean Gap = 9.9604

Step Between Measured Pole Tips = 1

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 10

Nominal Taper = 0

Gap Reading = 10.0000

US Encoder = 10.0000

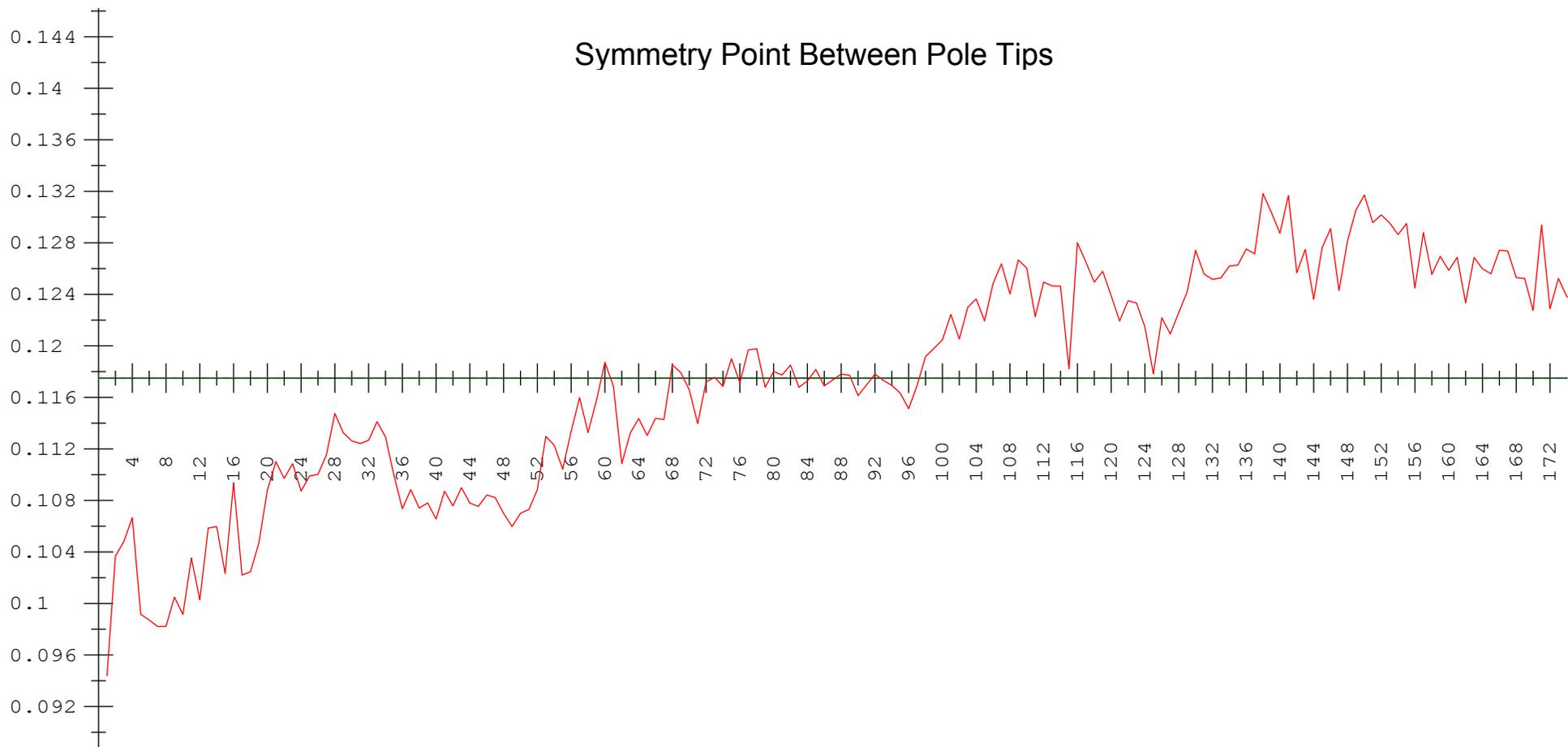
DS Encoder = 10.0000

28-MAR-2018

S/N = 008

D/S = 0001

Run = 2



Mean Symmetry Value = 0.1175

Step Between Measured Pole Tips = 1

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>	5.0993	5.0986	5.0969	5.0962
<b>Bottom</b>	-4.8917	-4.8790	-4.8468	-4.8338
<b>Gap</b>	9.9910			9.9299
<b>Taper</b>				-0.0610

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0977	-4.8627	9.9604	0.1175

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.390</b>
<b>Top Jaw Pitch (mrad)</b>	<b>-0.001</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.017</b>
<b>Minimum Effective Gap</b>	<b>9.919</b>
<b>Reference Block Gap</b>	<b>6.803</b>

Dimensions in mm



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