

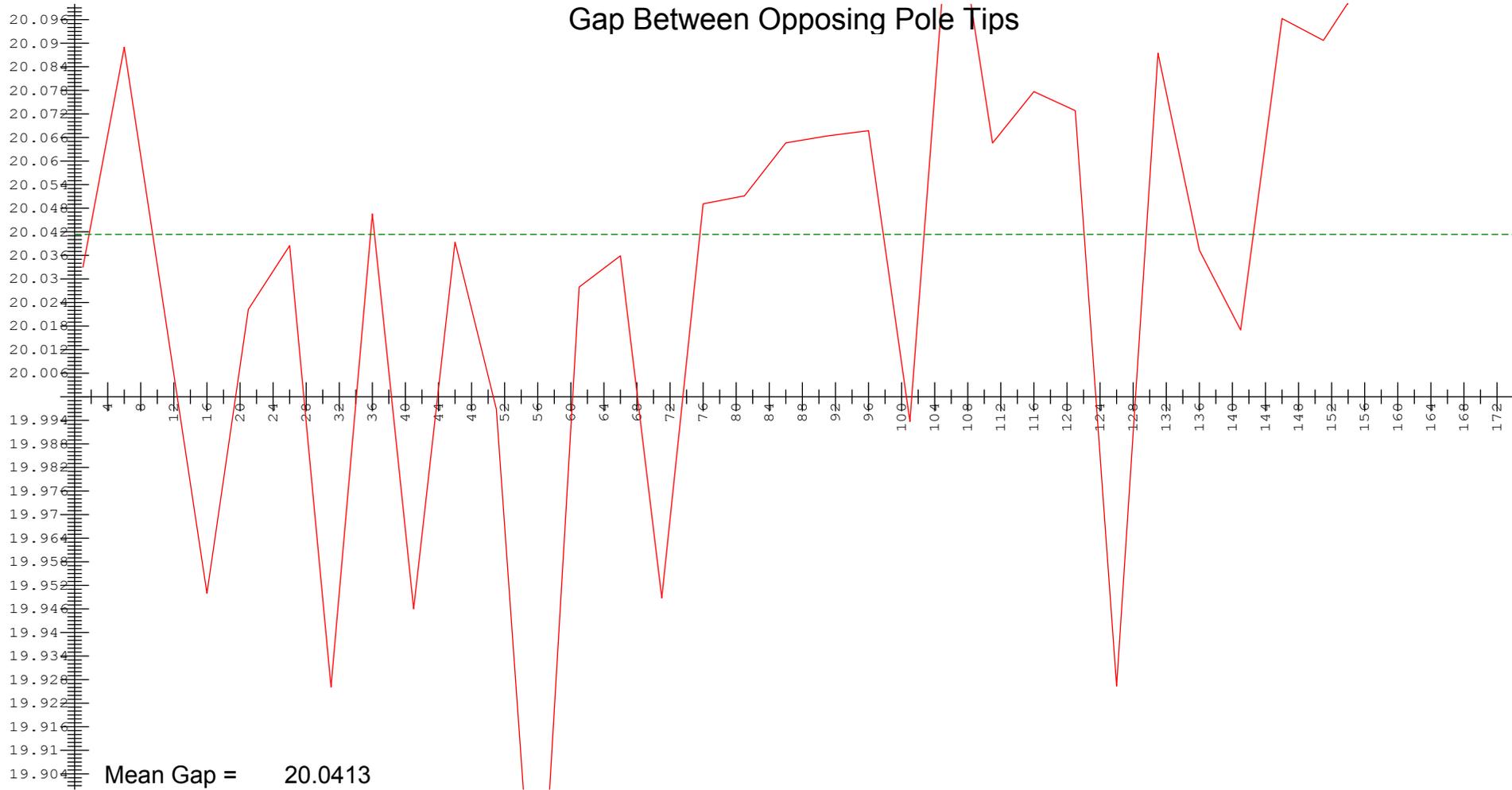
Minimum Effective Gap = 19.848

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 = 20.0500    US Encoder = 20.0000    DS Encoder = 20.1000</p>	<p style="margin: 0;">25-JAN-2018</p> <p style="margin: 0;">S/N = 006</p> <p style="margin: 0;">D/S= 0001</p> <p style="margin: 0;">Run= 14</p>
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# Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 20

Gap Reading = 20.0500    US Encoder = 20.0000    DS Encoder = 20.1000

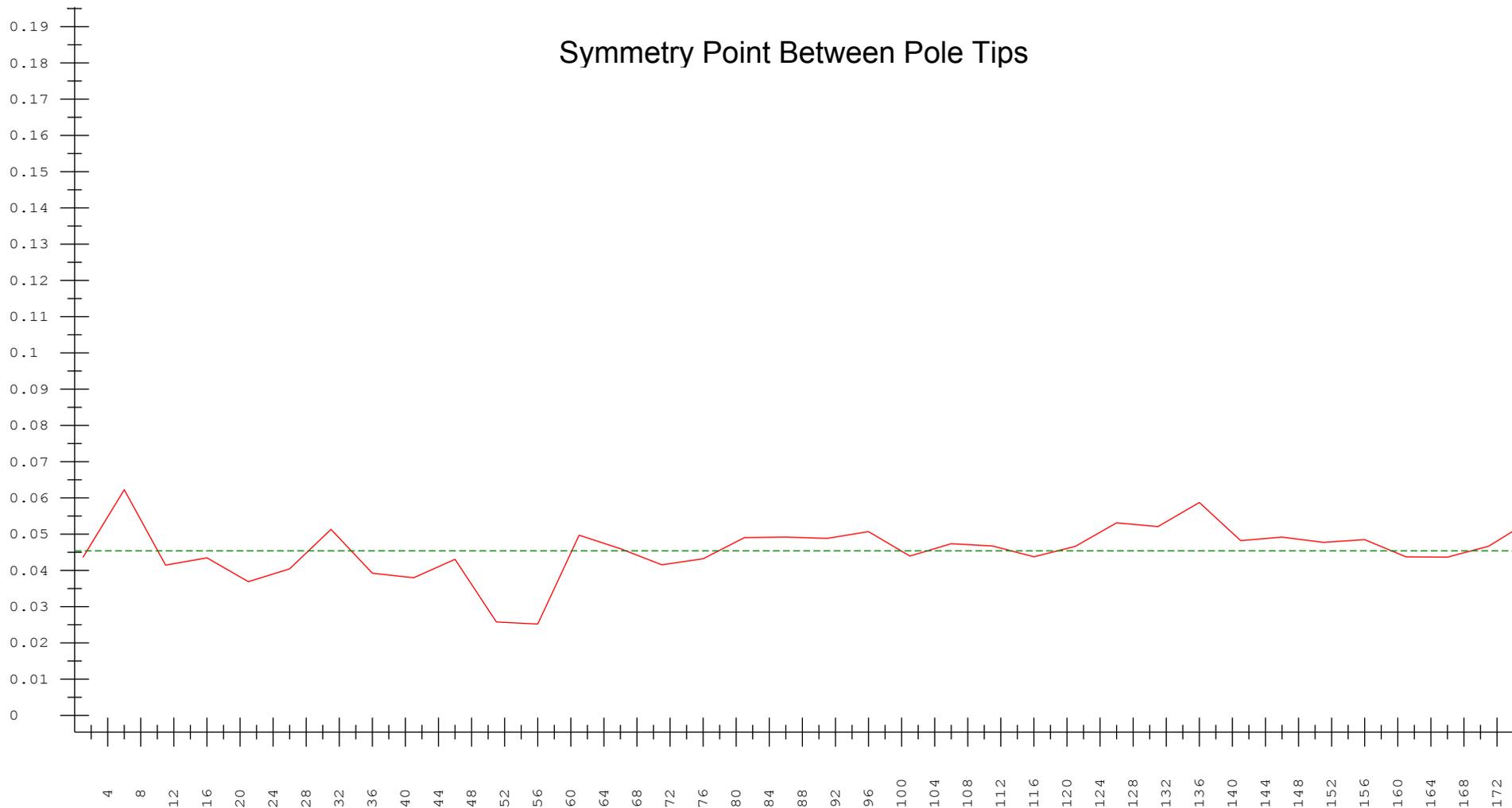
25-JAN-2018

S/N = 006

D/S = 0001

Run = 14

### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0454

Step Between Measured Pole Tips = 5

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)
Top	10.0313	10.0468	10.0861	10.1021
Bottom	-9.9477	-9.9600	-9.9910	-10.0035

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.0661	-9.9753	20.0413	0.0454

## Additional Calculated Values

Bottom Pole #1 Z Value	979.299
Top Jaw Pitch (mrad)	0.021
Bottom Jaw Pitch(mrad)	-0.017
Minimum Effective Gap	19.848
Reference Block Gap	6.809

Dimensions in mm



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