

Minimum Effective Gap = 19.907

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

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

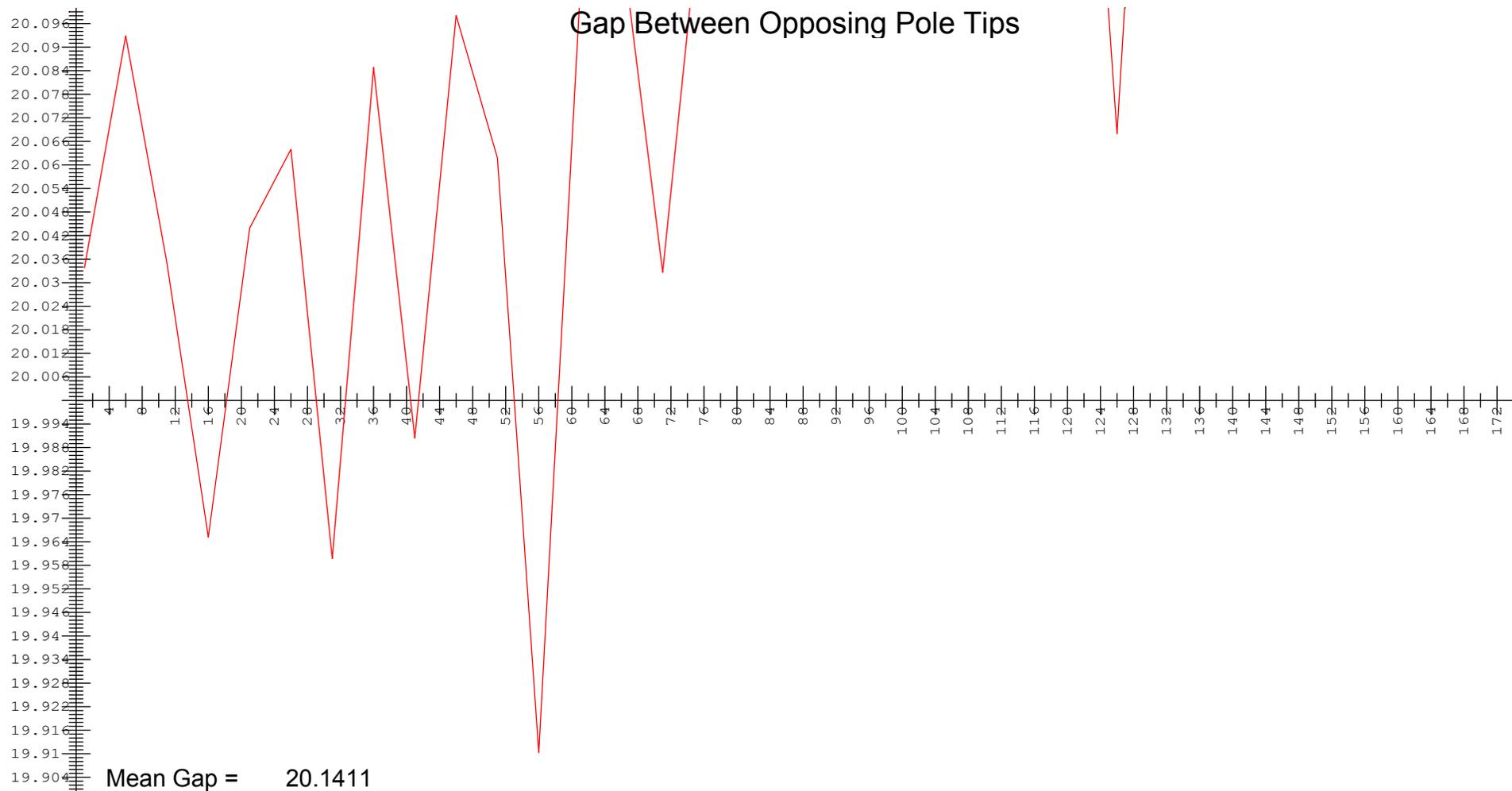


## LCLS II - SXR Undulator

Nominal Gap = 20

Gap Reading = 20.1503    US Encoder = 20.0003    DS Encoder = 20.3003

25-JAN-2018  
 S/N = 006  
 D/S = 0001  
 Run = 12



Step Between Measured Pole Tips = 5

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 20

Gap Reading = 20.1503    US Encoder = 20.0003    DS Encoder = 20.3003

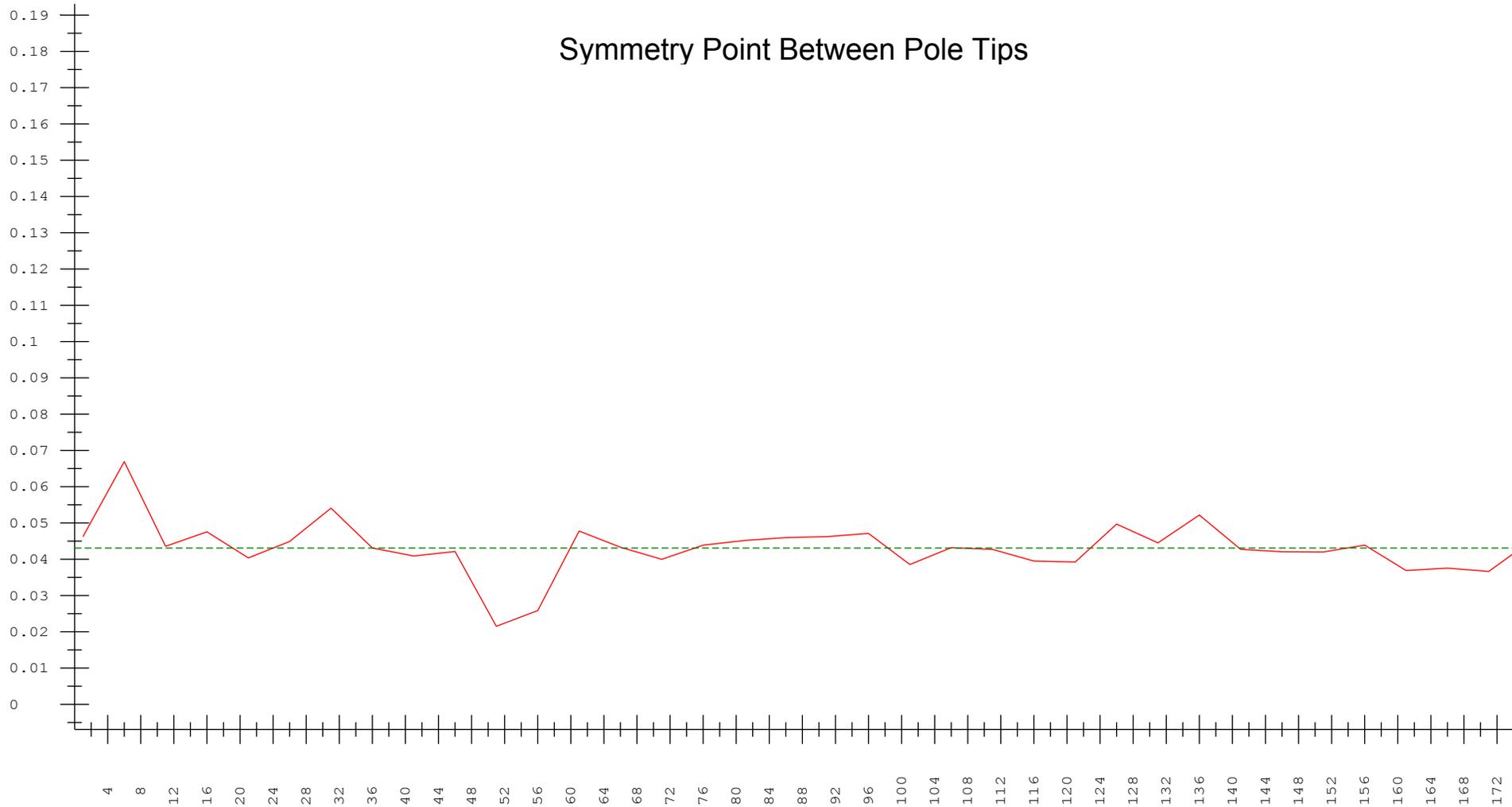
25-JAN-2018

S/N = 006

D/S = 0001

Run = 12

### Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0431

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	10.0358	10.0706	10.1585	10.1942
Bottom	-9.9445	-9.9815	-10.0752	-10.1132

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.1136	-10.0275	20.1411	0.0431

## Additional Calculated Values

Bottom Pole #1 Z Value	979.299
Top Jaw Pitch (mrad)	0.047
Bottom Jaw Pitch(mrad)	-0.050
Minimum Effective Gap	19.907
Reference Block Gap	6.809

Dimensions in mm



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