

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

Regression Line Through Points = 
 Dimensions in mm



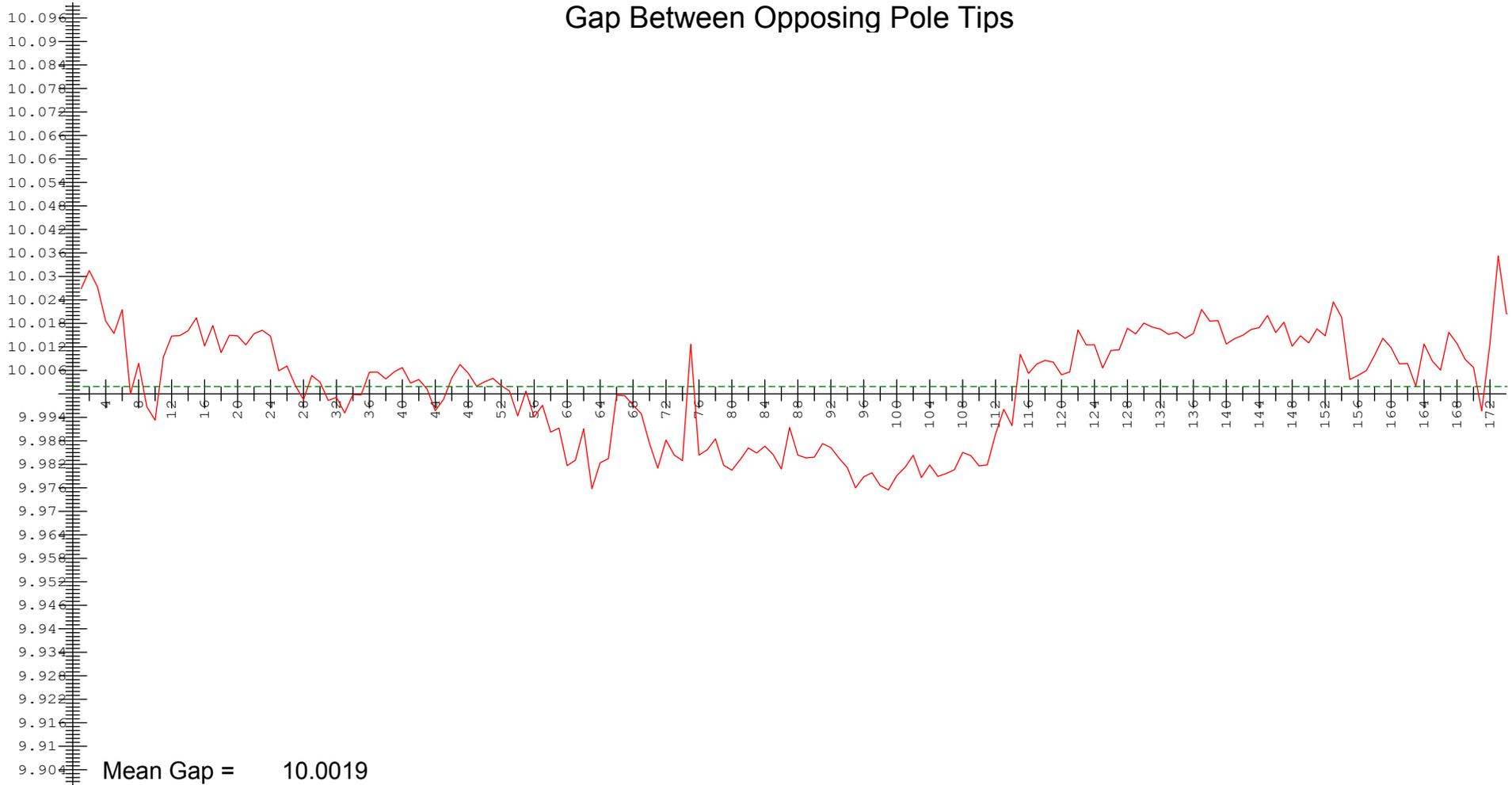
LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0001 US Encoder = 10.0000 DS Encoder = 10.0002

05-FEB-2018
 S/N = 005
 D/S = 0001
 Run = 05

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



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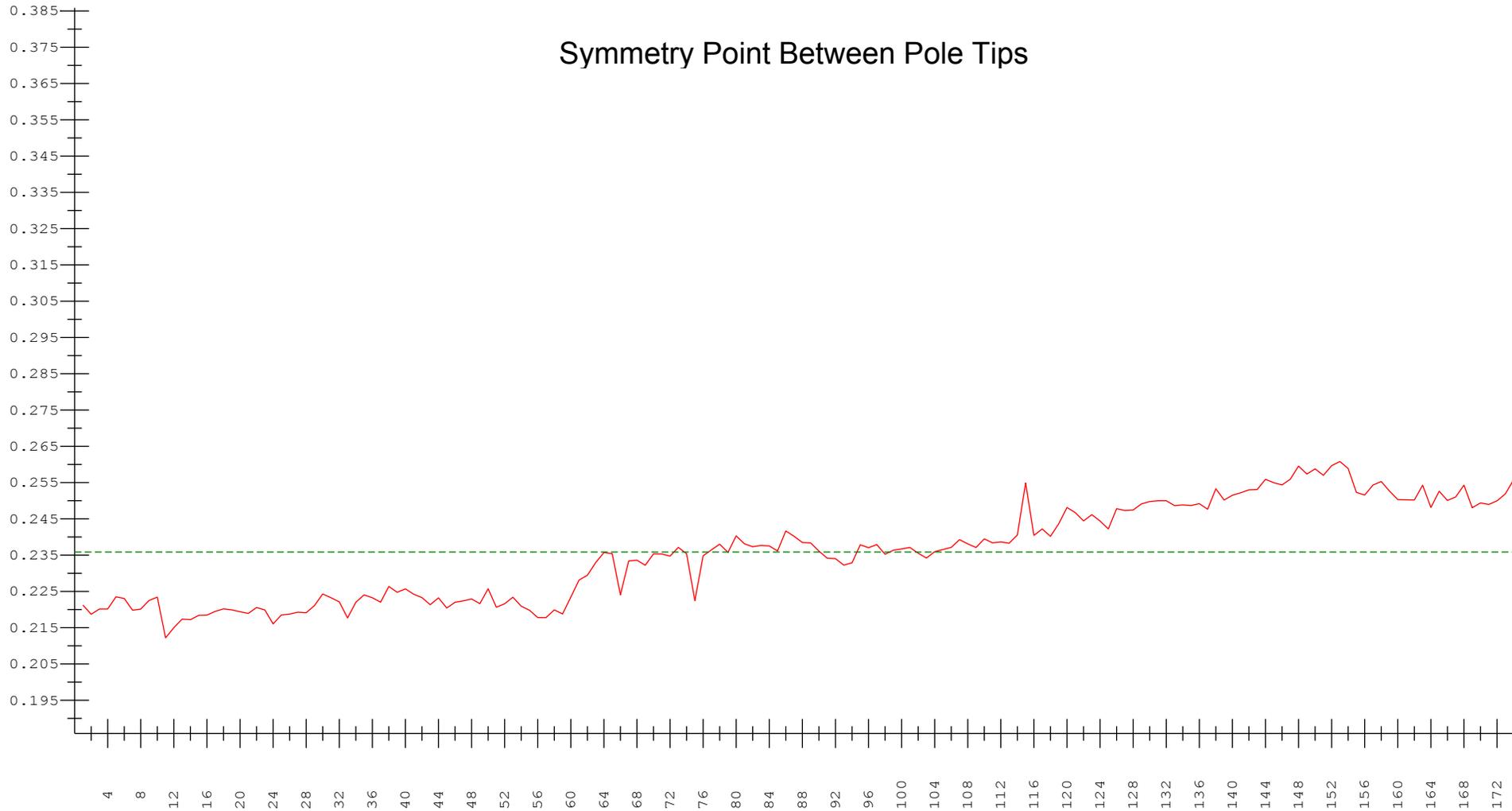
05-FEB-2018

S/N = 005

D/S = 0001

Run = 05

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2359

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)
Top	5.2141	5.2241	5.2492	5.2595
Bottom	-4.7849	-4.7762	-4.7542	-4.7453

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2368	-4.7651	10.0019	0.2359

Additional Calculated Values

Bottom Pole #1 Z Value	979.331
Top Jaw Pitch (mrad)	0.013
Bottom Jaw Pitch(mrad)	0.012
Minimum Effective Gap	9.961
Reference Block Gap	6.808

Dimensions in mm



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