

Minimum Effective Gap = 9.914

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

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



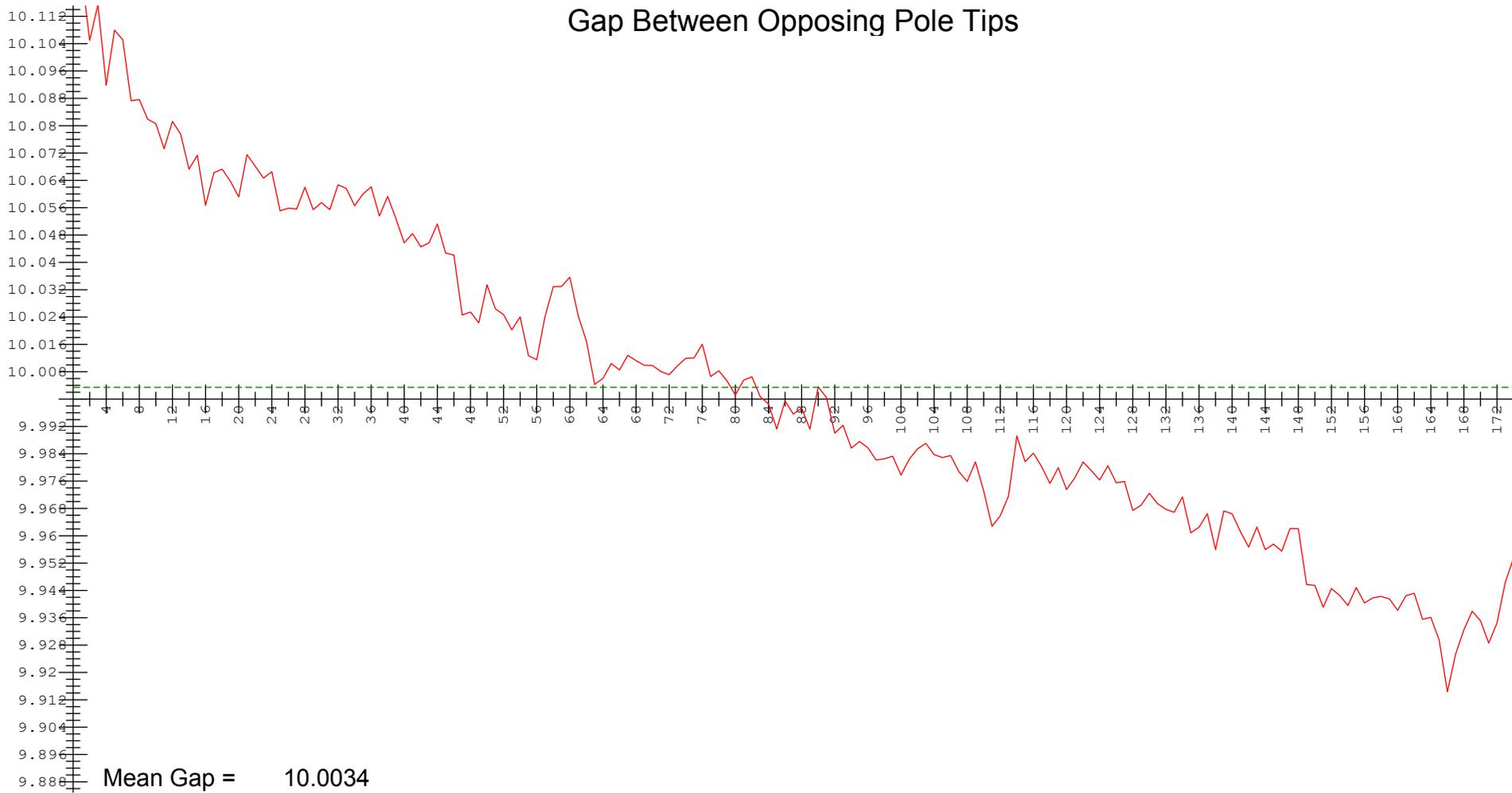
LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

07-MAR-2018
S/N = 007
D/S = 0001
Run = 2

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

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Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

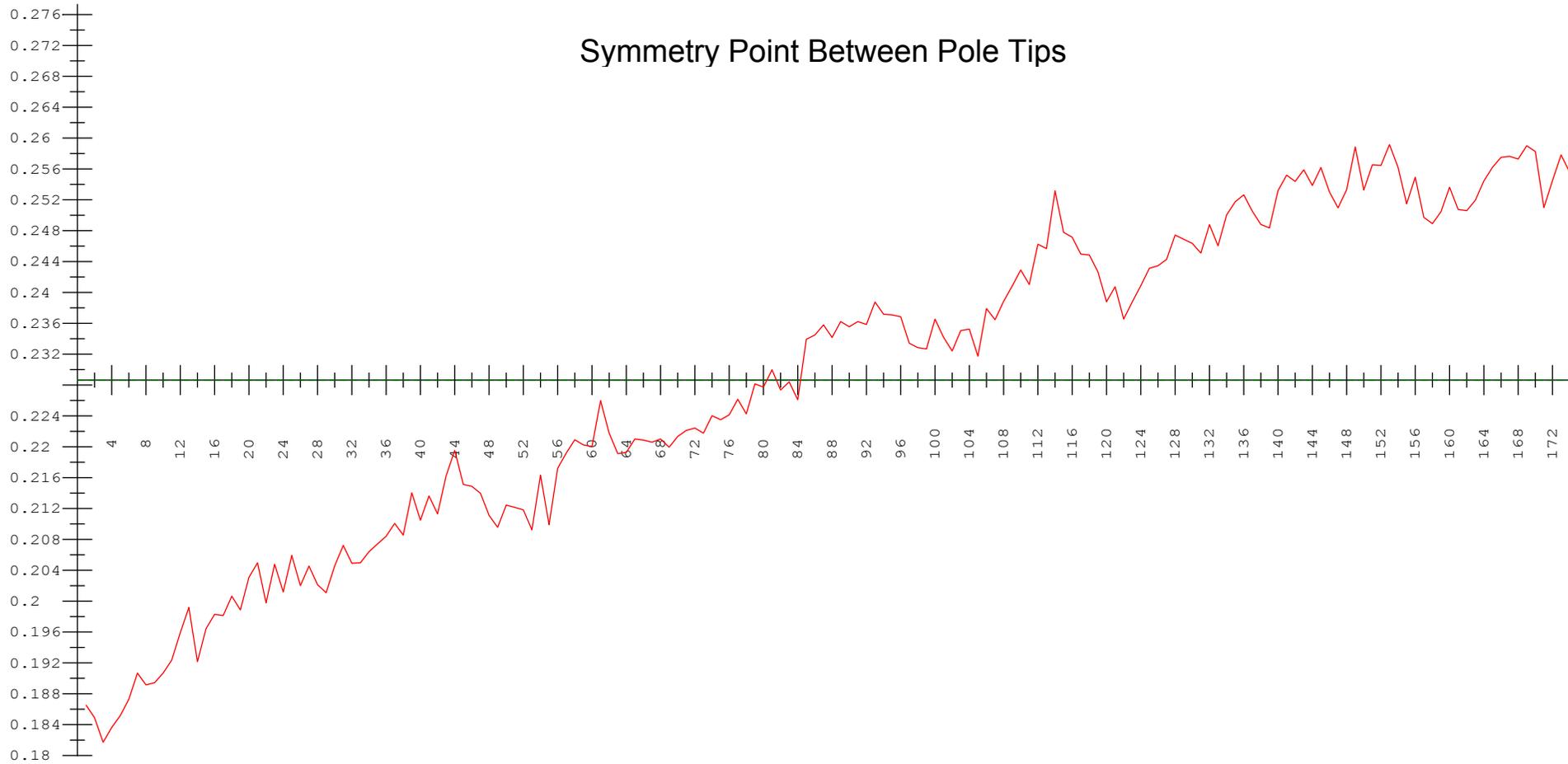
07-MAR-2018

S/N = 007

D/S = 0001

Run = 2

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2286

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	5.2344	5.2326	5.2281	5.2263
Bottom	-4.8480	-4.8151	-4.7319	-4.6981
Gap	10.0824			9.9245
Taper				-0.1580

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2304	-4.7731	10.0034	0.2286

Additional Calculated Values

Bottom Pole #1 Z Value	979.176
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.044
Minimum Effective Gap	9.914
Reference Block Gap	6.804

Dimensions in mm



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