

Minimum Effective Gap = 9.969

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

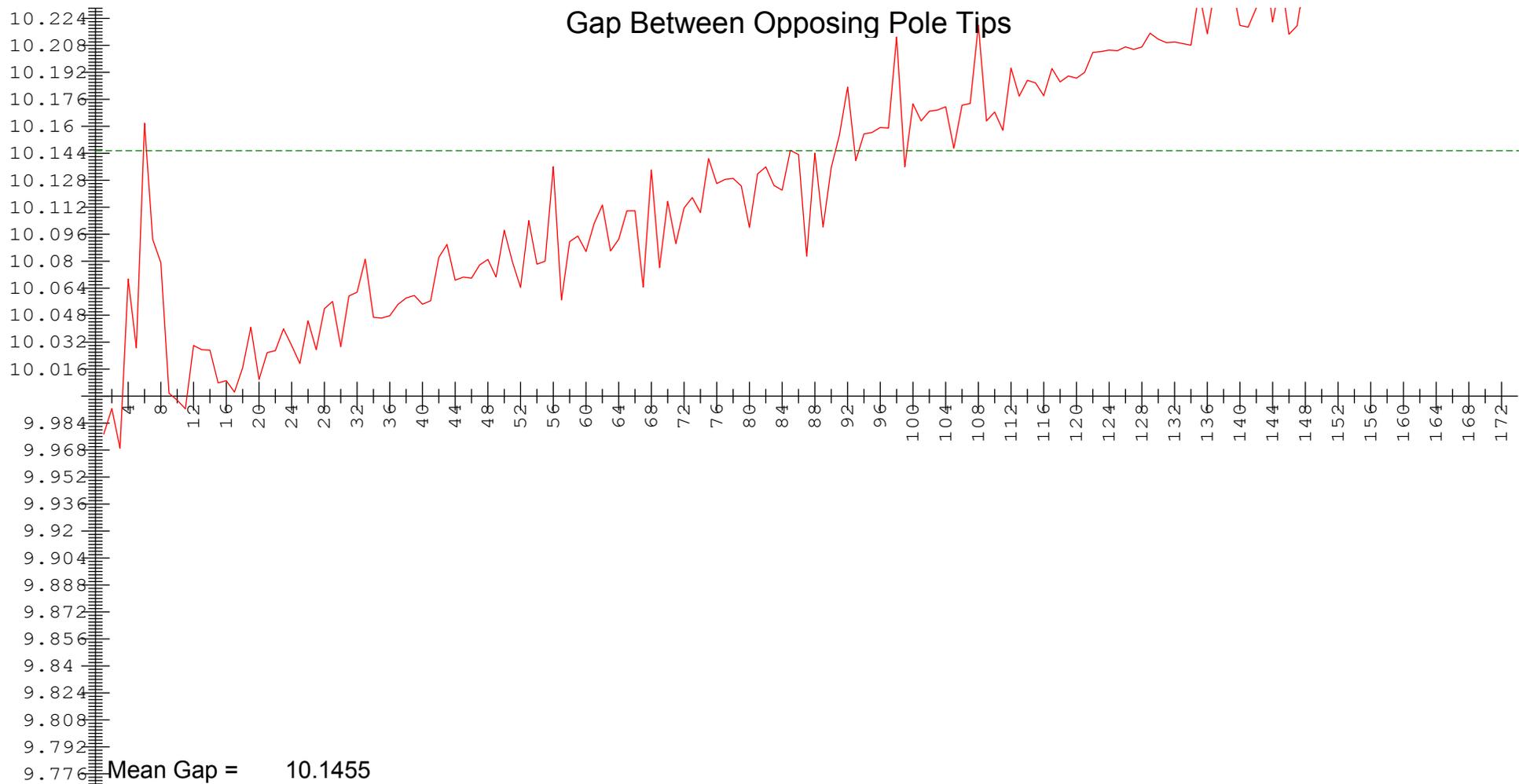
Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0001 DS Encoder = 10.3000

07-SEP-2018

S/N = 014

D/S = 0001

Run = 17



Step Between Measured Pole Tips = 1

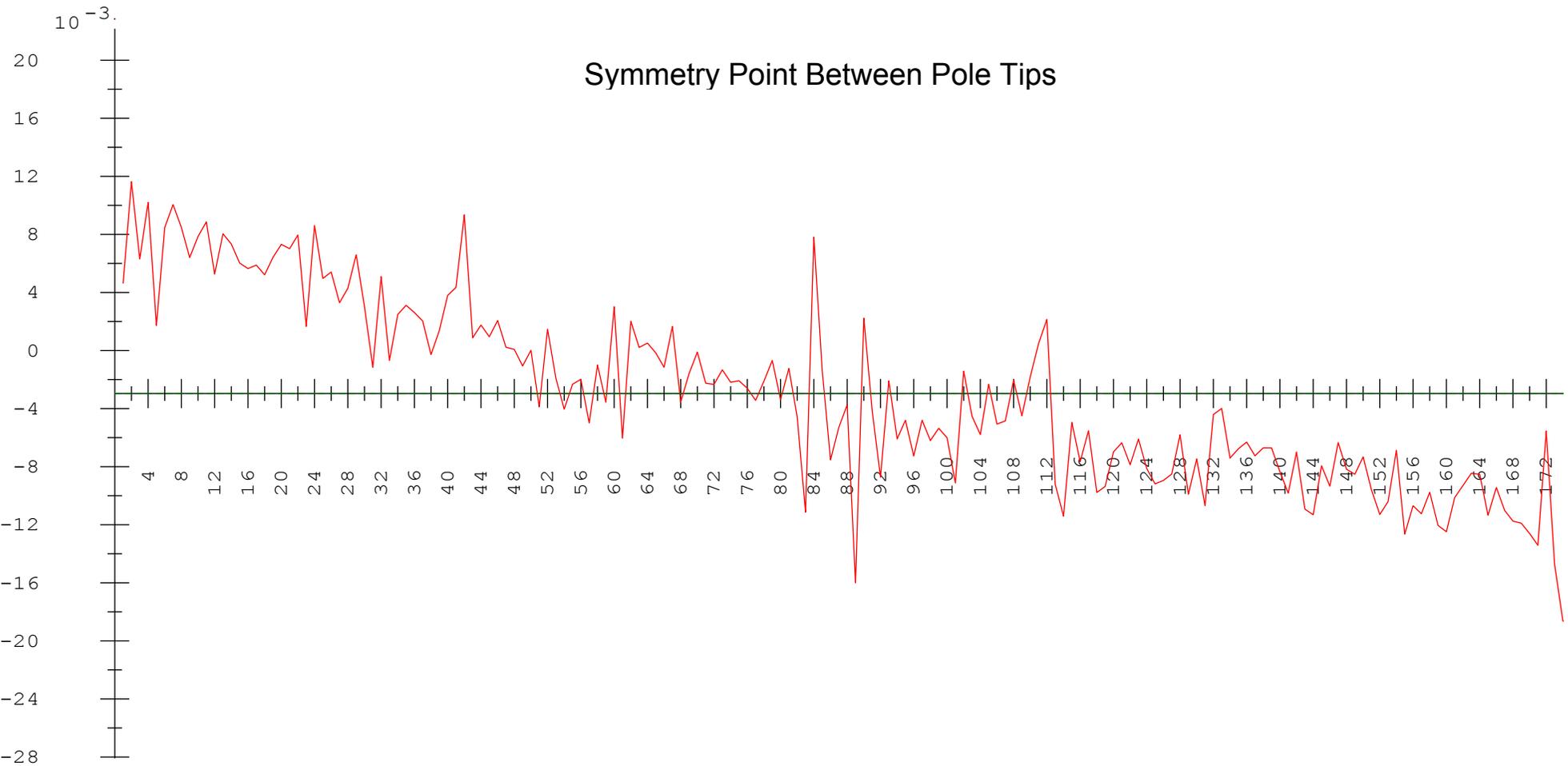
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0001 DS Encoder = 10.3000

07-SEP-2018
 S/N = 014
 D/S = 0001
 Run = 17



Mean Symmetry Value = -0.0030

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0001 DS Encoder = 10.3000

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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	5.0056	5.0338	5.1051	5.1341
Bottom	-4.9921	-5.0289	-5.1216	-5.1593
Gap	9.9977			10.2934
Taper				0.2957

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0698	-5.0757	10.1455	-0.0030

Additional Calculated Values

Bottom Pole #1 Z Value	979.953
Top Jaw Pitch (mrad)	0.038
Bottom Jaw Pitch(mrad)	-0.050
Minimum Effective Gap	9.969
Reference Block Gap	6.807

Dimensions in mm



LCLS II - SXR Undulator

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