

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



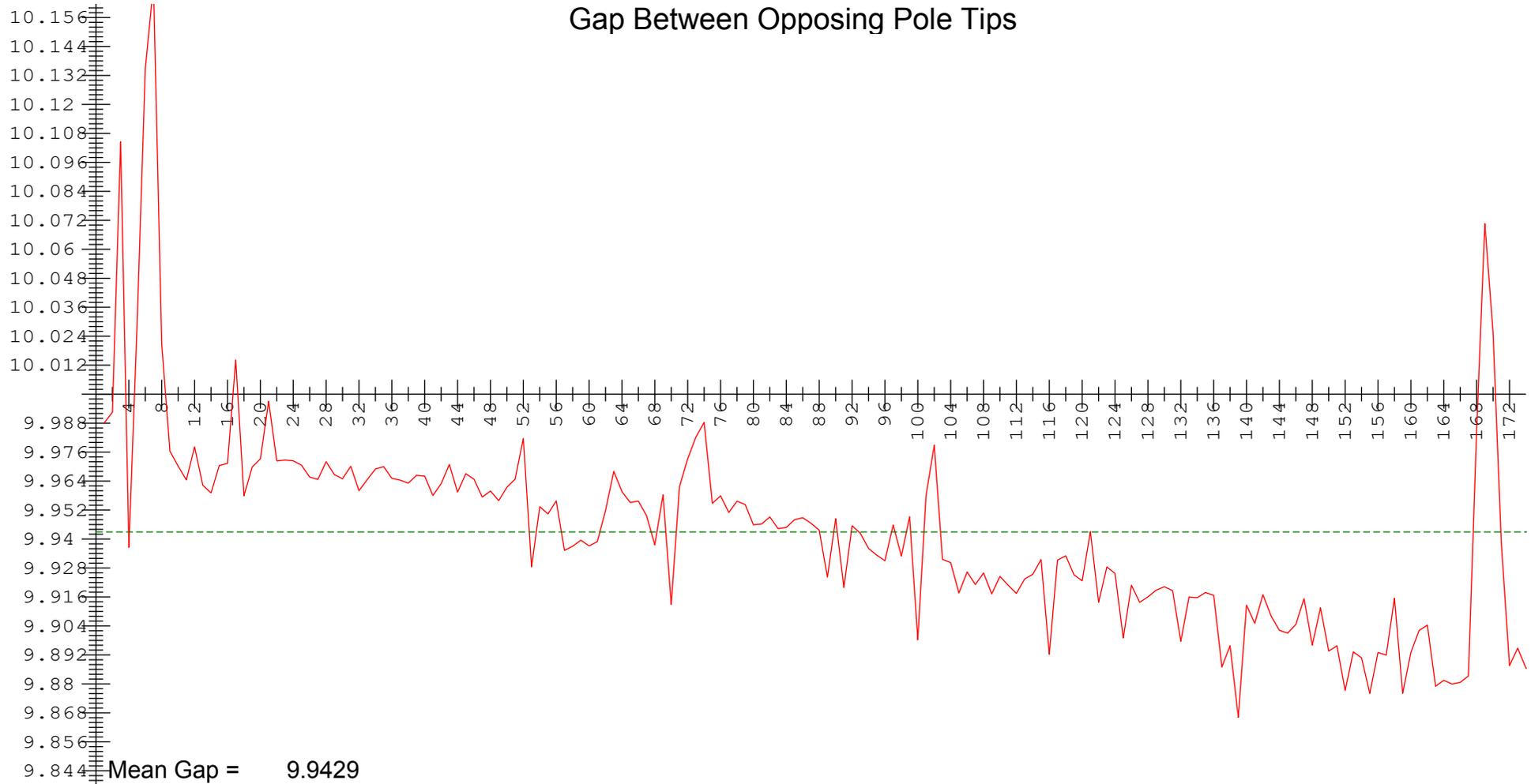
LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = -0.100
 Gap Reading = 9.9500 US Encoder = 10.0000 DS Encoder = 9.9000

07-NOV-2018

S/N = 016
 D/S = 0001
 Run = 15

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

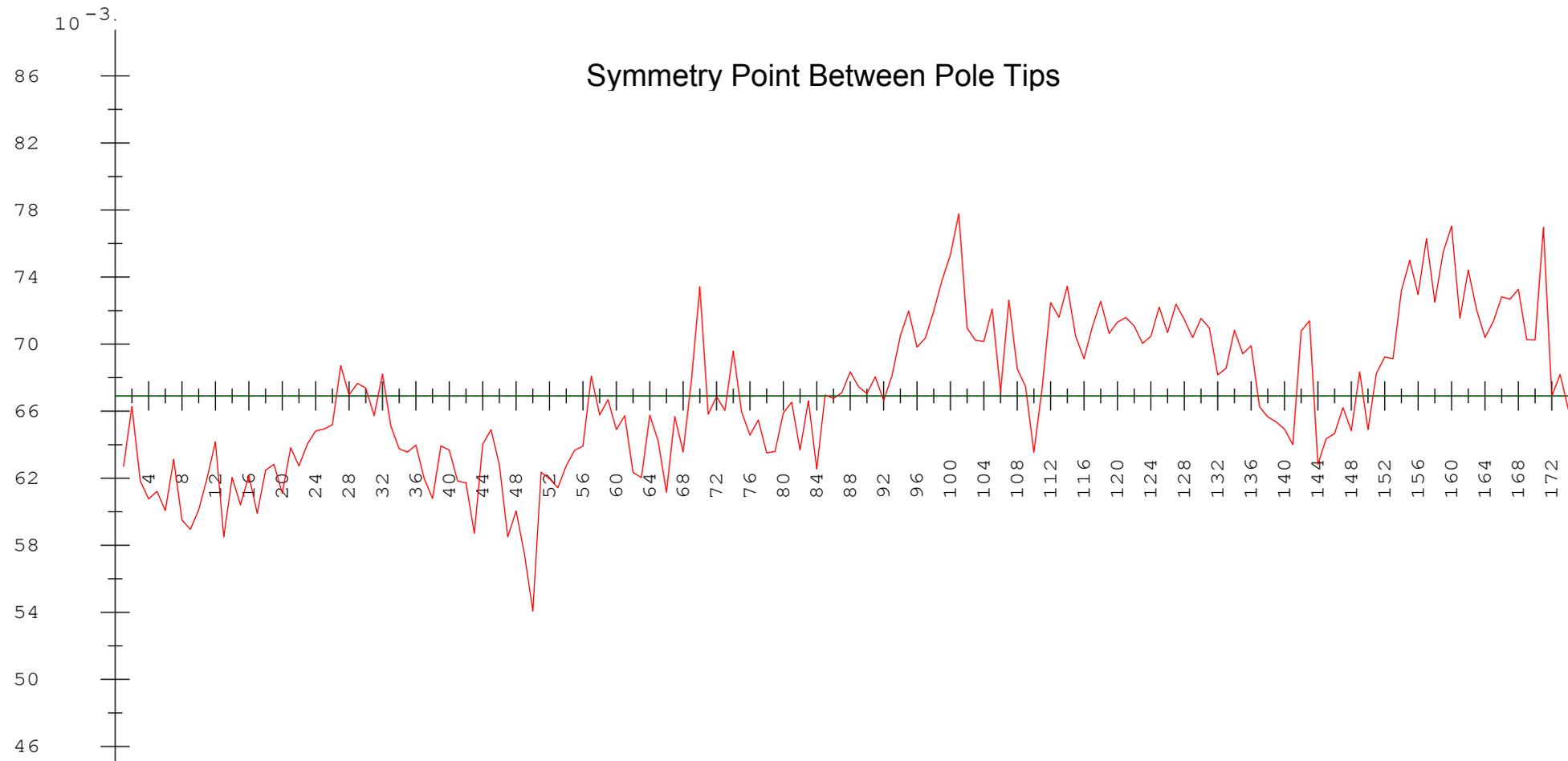
Dimensions in mm



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Mean Symmetry Value = 0.0669

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	5.0582	5.0495	5.0275	5.0186
Bottom	-4.9351	-4.9217	-4.8878	-4.8740
Gap	9.9933			9.8926
Taper				-0.1007

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0384	-4.9045	9.9429	0.0669

Additional Calculated Values

Bottom Pole #1 Z Value	979.728
Top Jaw Pitch (mrad)	-0.012
Bottom Jaw Pitch(mrad)	0.018
Minimum Effective Gap	9.861
Reference Block Gap	6.804

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