

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm

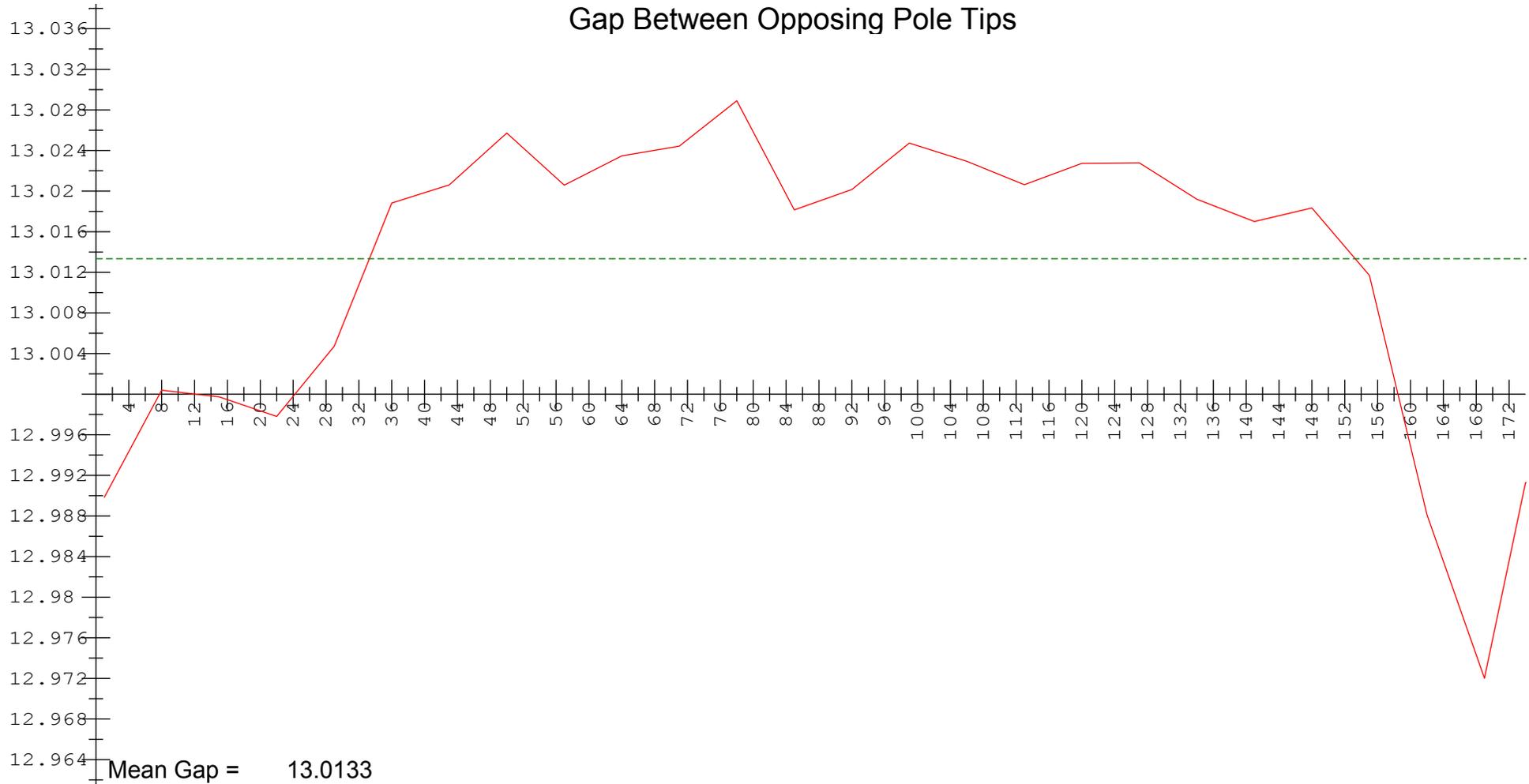


LCLS II - SXR Undulator

Nominal Gap = 13 Nominal Taper = 0.000
 Gap Reading = 13.0000 US Encoder = 13.0000 DS Encoder = 13.0000

18-DEC-2018
 S/N = 018
 D/S = 0001
 Run = 8

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

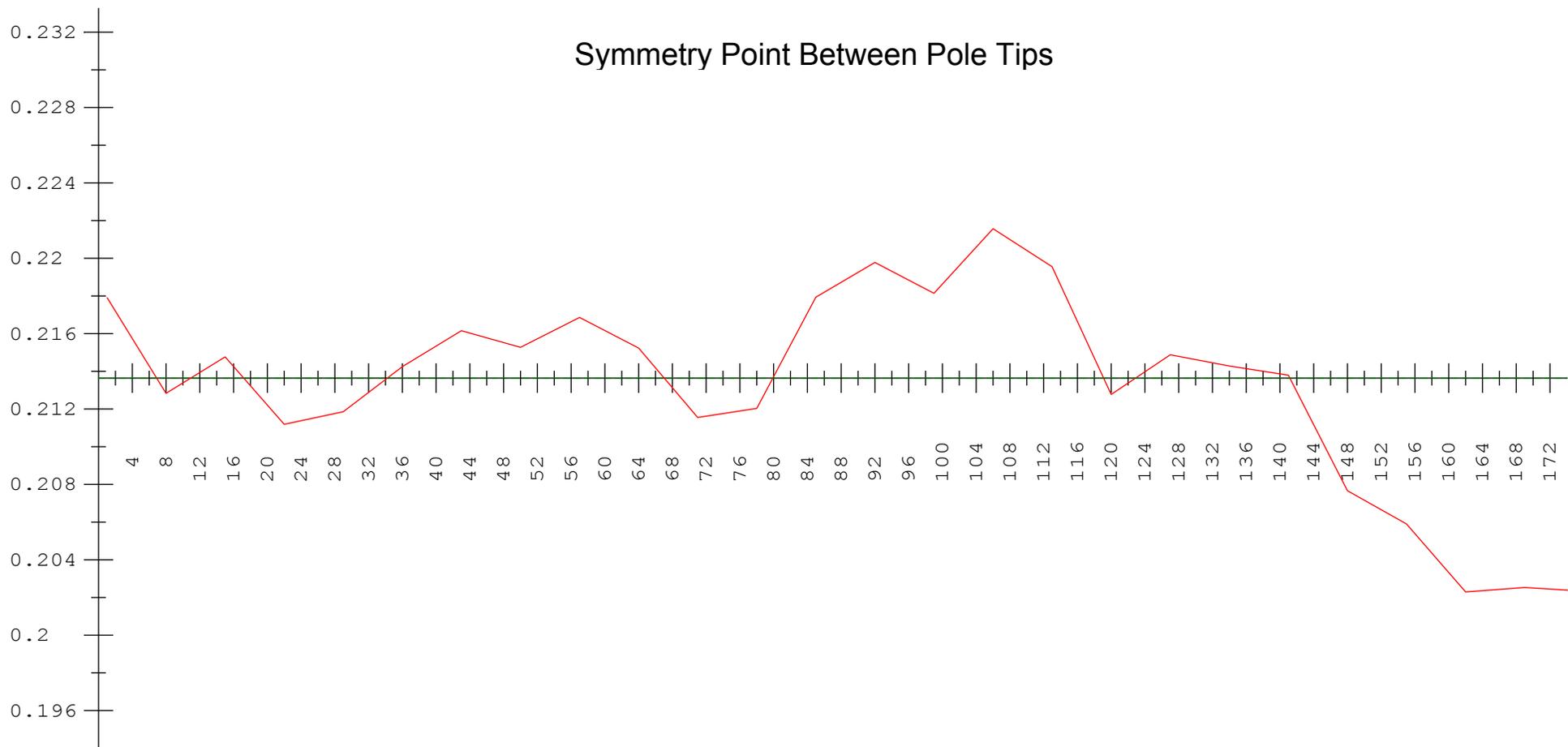
Dimensions in mm



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Mean Symmetry Value = 0.2136

Step Between Measured Pole Tips = 7

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	6.7248	6.7225	6.7166	6.7142
Bottom	-6.2896	-6.2911	-6.2949	-6.2964
Gap	13.0144			13.0106
Taper				-0.0038

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.7203	-6.2930	13.0133	0.2136

Additional Calculated Values

Bottom Pole #1 Z Value	980.178
Top Jaw Pitch (mrad)	-0.003
Bottom Jaw Pitch(mrad)	-0.002
Minimum Effective Gap	12.966
Reference Block Gap	6.806

Dimensions in mm



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