

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm

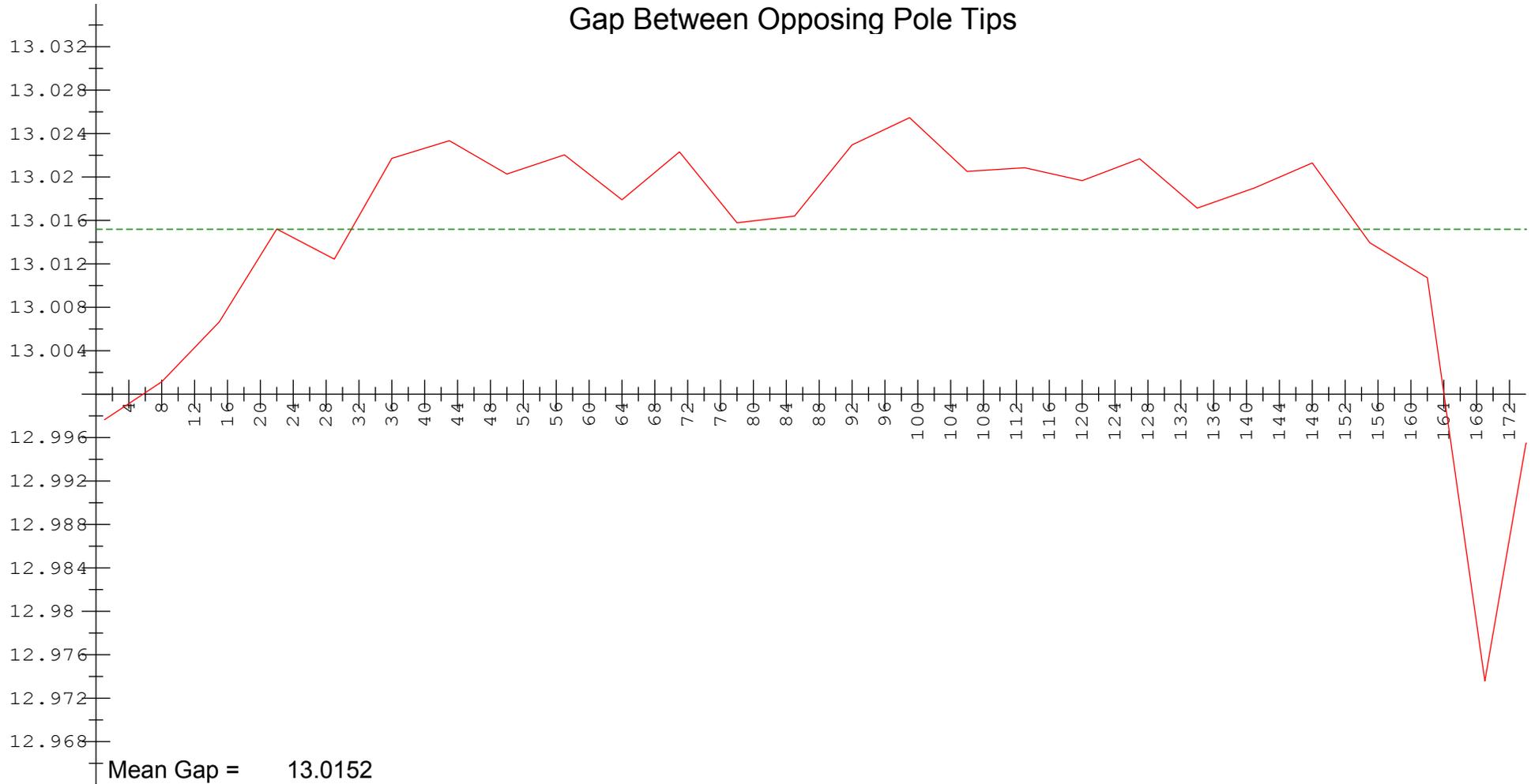


LCLS II - SXR Undulator

Nominal Gap = 13 Nominal Taper = 0.000
 Gap Reading = 13.0001 US Encoder = 13.0001 DS Encoder = 13.0001

19-JUL-2018
 S/N = 013
 D/S = 0001
 Run = 11

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

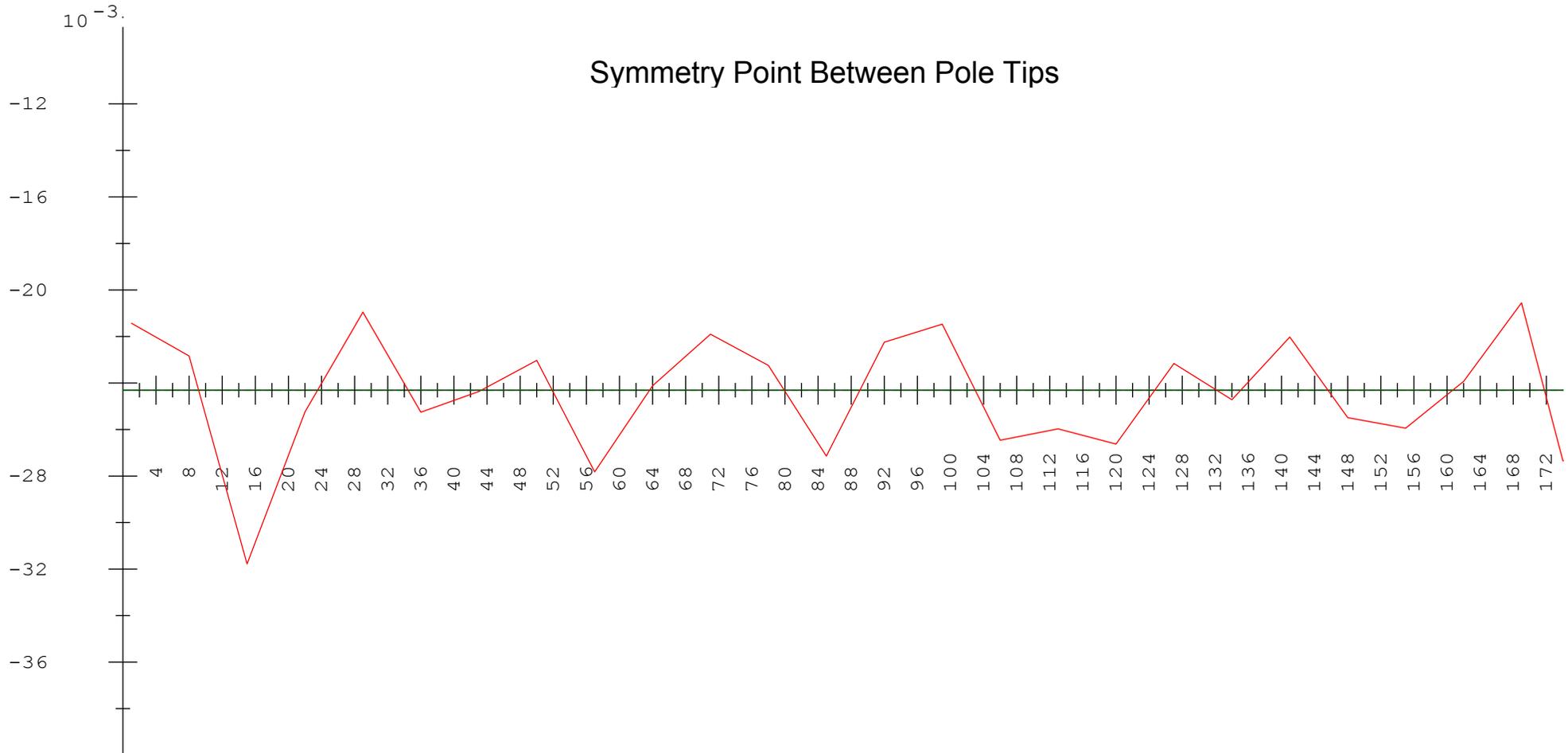


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0243

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	6.4839	6.4834	6.4822	6.4817
Bottom	-6.5328	-6.5323	-6.5310	-6.5305
Gap	13.0168			13.0121
Taper				-0.0046

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.4833	-6.5319	13.0152	-0.0243

Additional Calculated Values

Bottom Pole #1 Z Value	979.775
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	12.974
Reference Block Gap	6.806

Dimensions in mm



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