

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points =

Dimensions in mm

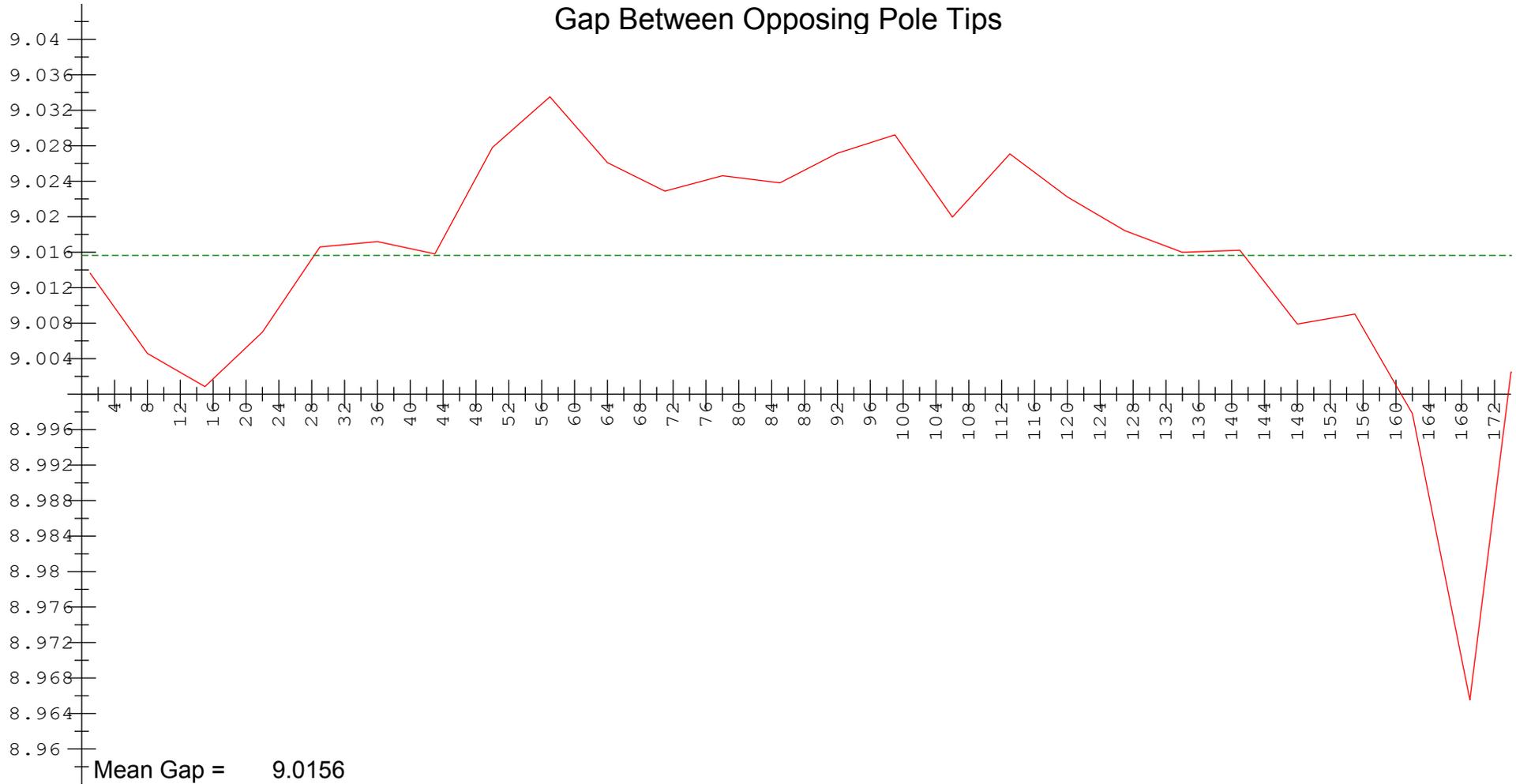


LCLS II - SXR Undulator

Nominal Gap = 9 Nominal Taper = 0.000
 Gap Reading = 9.0000 US Encoder = 9.0000 DS Encoder = 9.0000

15-MAR-2019
 S/N = 022
 D/S = 0001
 Run = 4

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

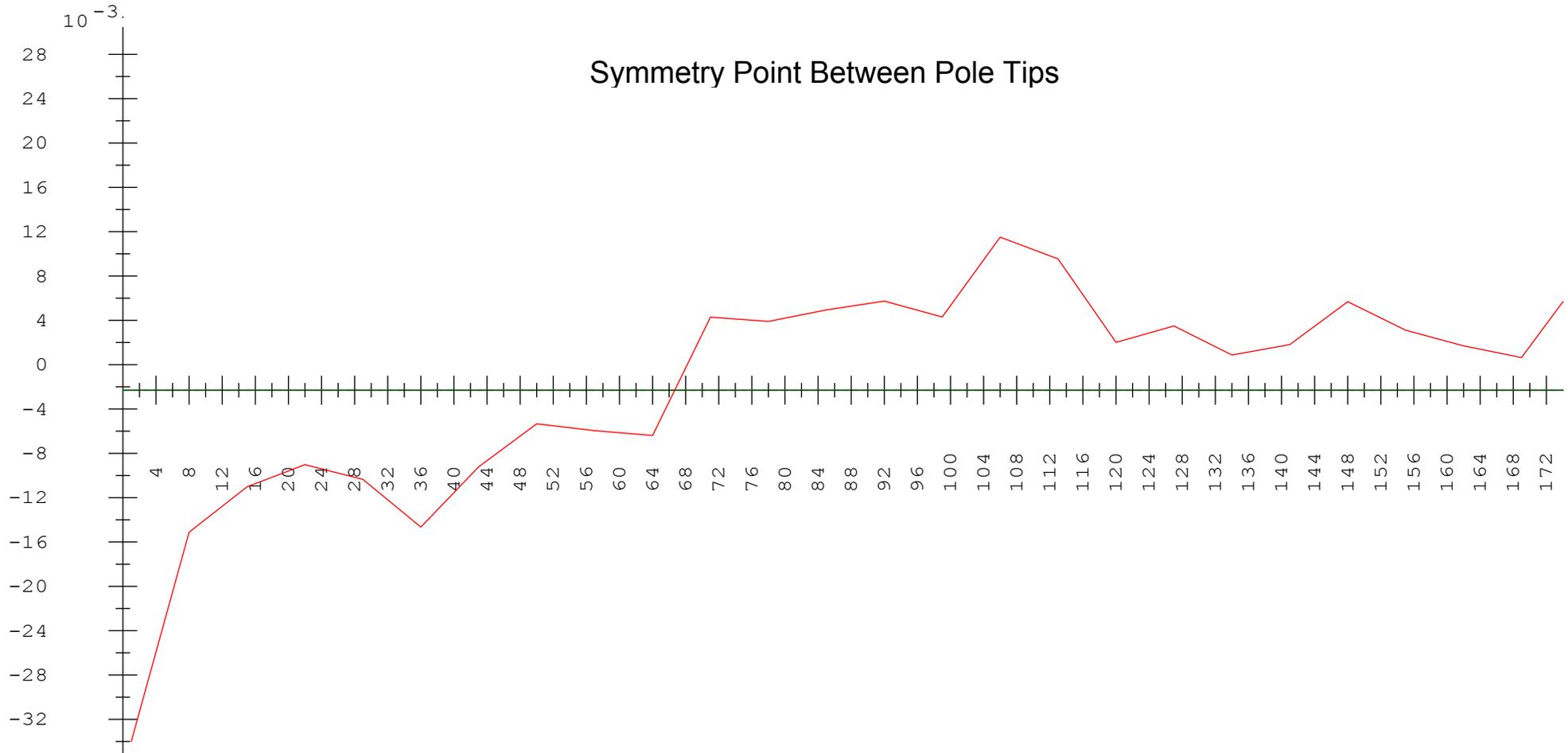


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0023

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	4.4968	4.5006	4.5102	4.5141
Bottom	-4.5250	-4.5183	-4.5013	-4.4945
Gap	9.0218			9.0086
Taper				-0.0132

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.5055	-4.5101	9.0156	-0.0023

Additional Calculated Values

Bottom Pole #1 Z Value	980.569
Top Jaw Pitch (mrad)	0.005
Bottom Jaw Pitch(mrad)	0.009
Minimum Effective Gap	8.955
Reference Block Gap	6.809

Dimensions in mm



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