

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

Gap Reading = 10.0000

US Encoder = 10.0000

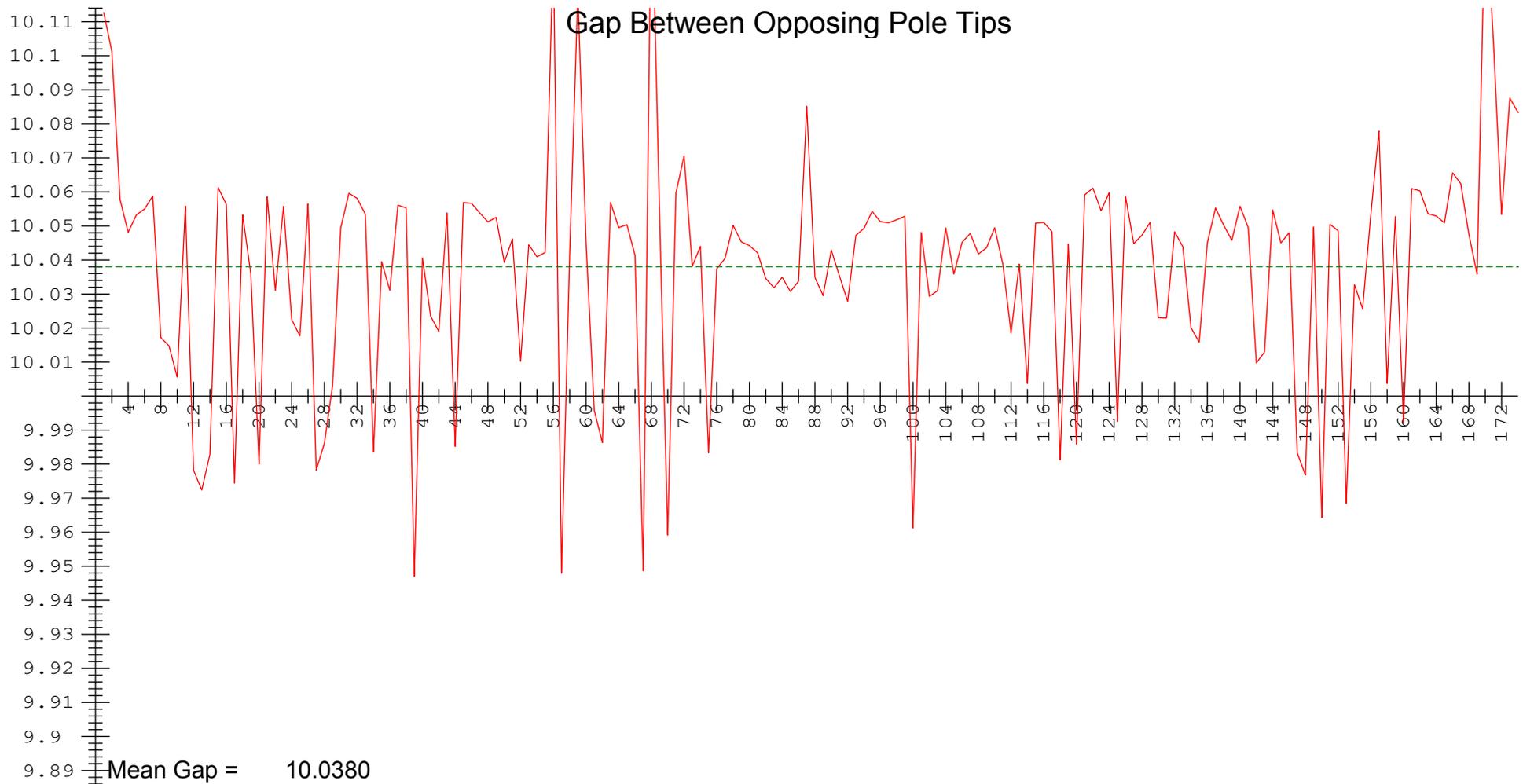
DS Encoder = 10.0000

12-APR-2018

S/N = 008

D/S = 0001

Run = 4



Step Between Measured Pole Tips = 1

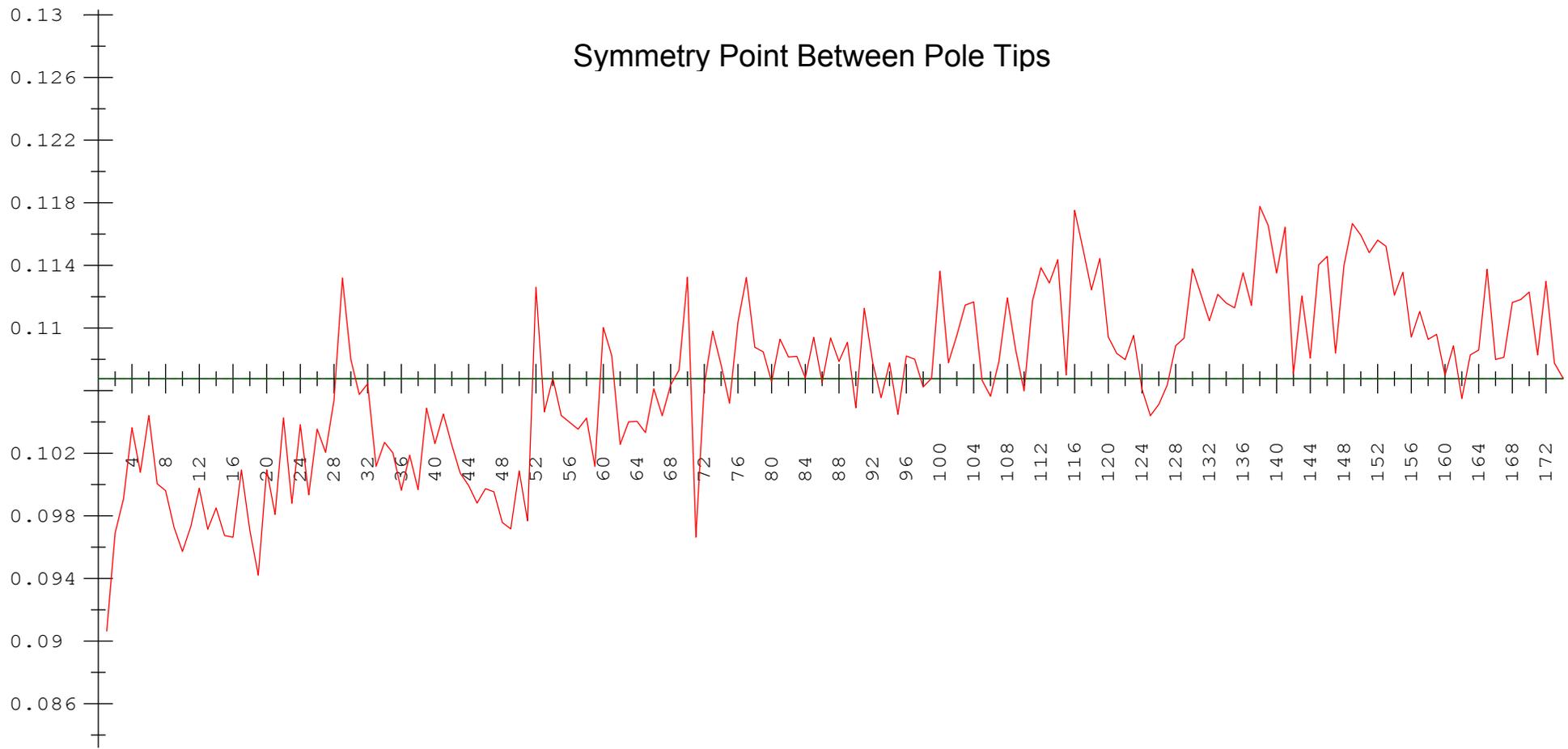
Dimensions in mm



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Mean Symmetry Value = 0.1068

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	5.1155	5.1200	5.1314	5.1361
Bottom	-4.9162	-4.9145	-4.9101	-4.9083
Gap	10.0317			10.0444
Taper				0.0127

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1258	-4.9123	10.0380	0.1068

Additional Calculated Values

Bottom Pole #1 Z Value	979.404
Top Jaw Pitch (mrad)	0.006
Bottom Jaw Pitch(mrad)	0.002
Minimum Effective Gap	9.944
Reference Block Gap	6.807

Dimensions in mm



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