

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 = 0.000

Gap Reading = 10.0000

US Encoder = 10.0000

DS Encoder = 10.0000

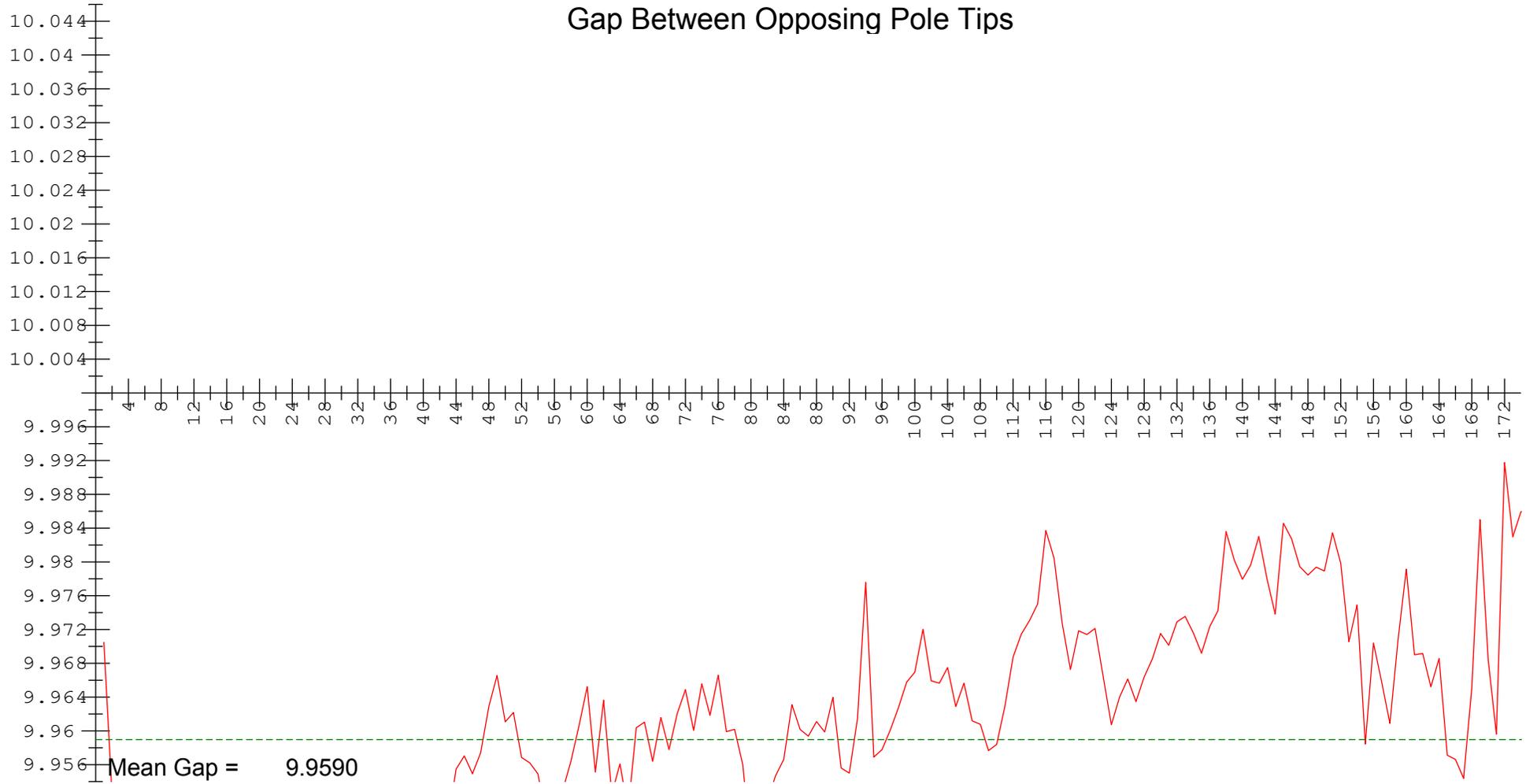
06-JUN-2018

S/N = 011

D/S = 0001

Run = 1

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm

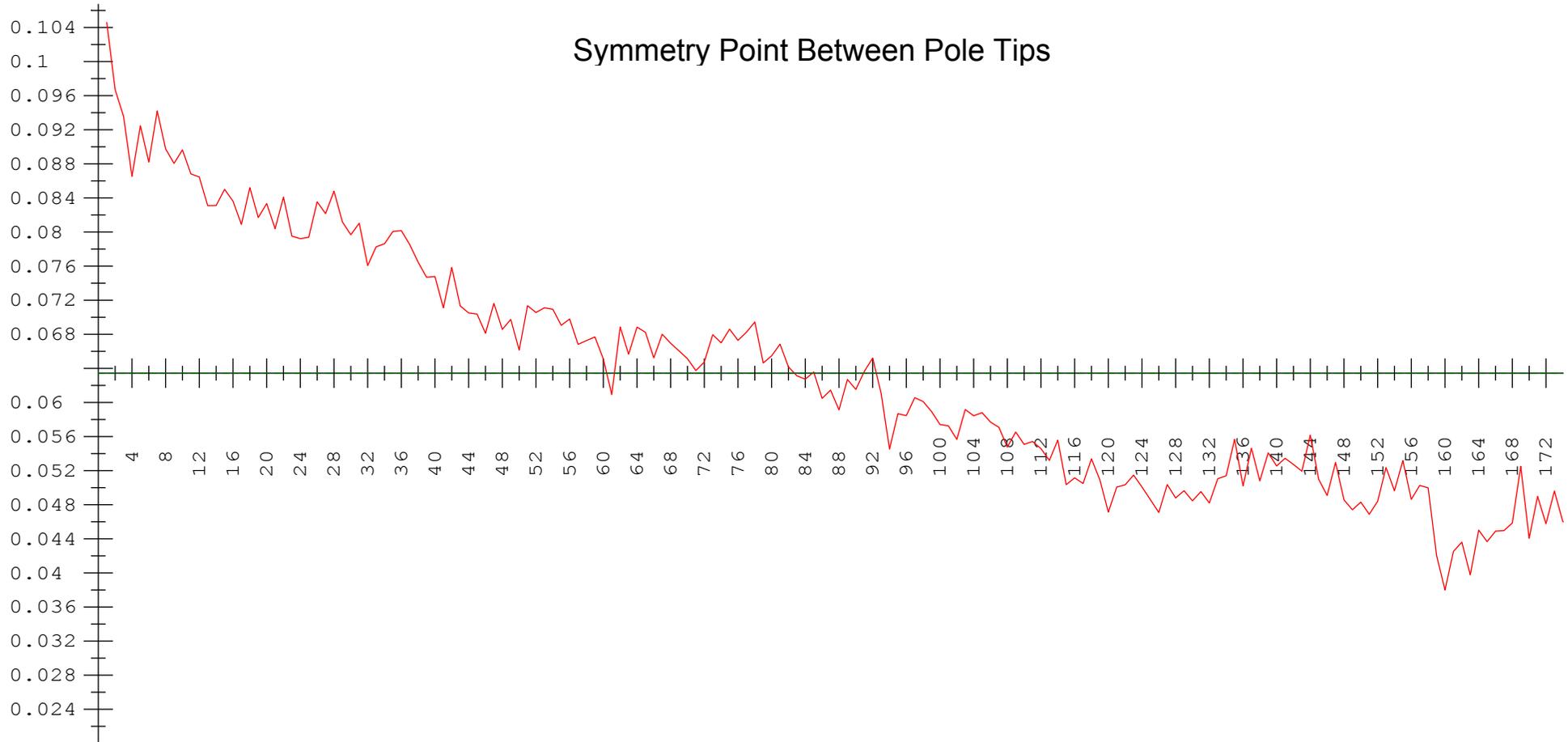


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

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 Run = 1

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0634

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	5.0550	5.0497	5.0363	5.0308
Bottom	-4.8823	-4.8971	-4.9346	-4.9498
Gap	9.9373			9.9806
Taper				0.0433

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.0429	-4.9160	9.9590	0.0634

Additional Calculated Values

Bottom Pole #1 Z Value	979.744
Top Jaw Pitch (mrad)	-0.007
Bottom Jaw Pitch(mrad)	-0.020
Minimum Effective Gap	9.893
Reference Block Gap	6.806

Dimensions in mm



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