

Minimum Effective Gap = 10.033

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

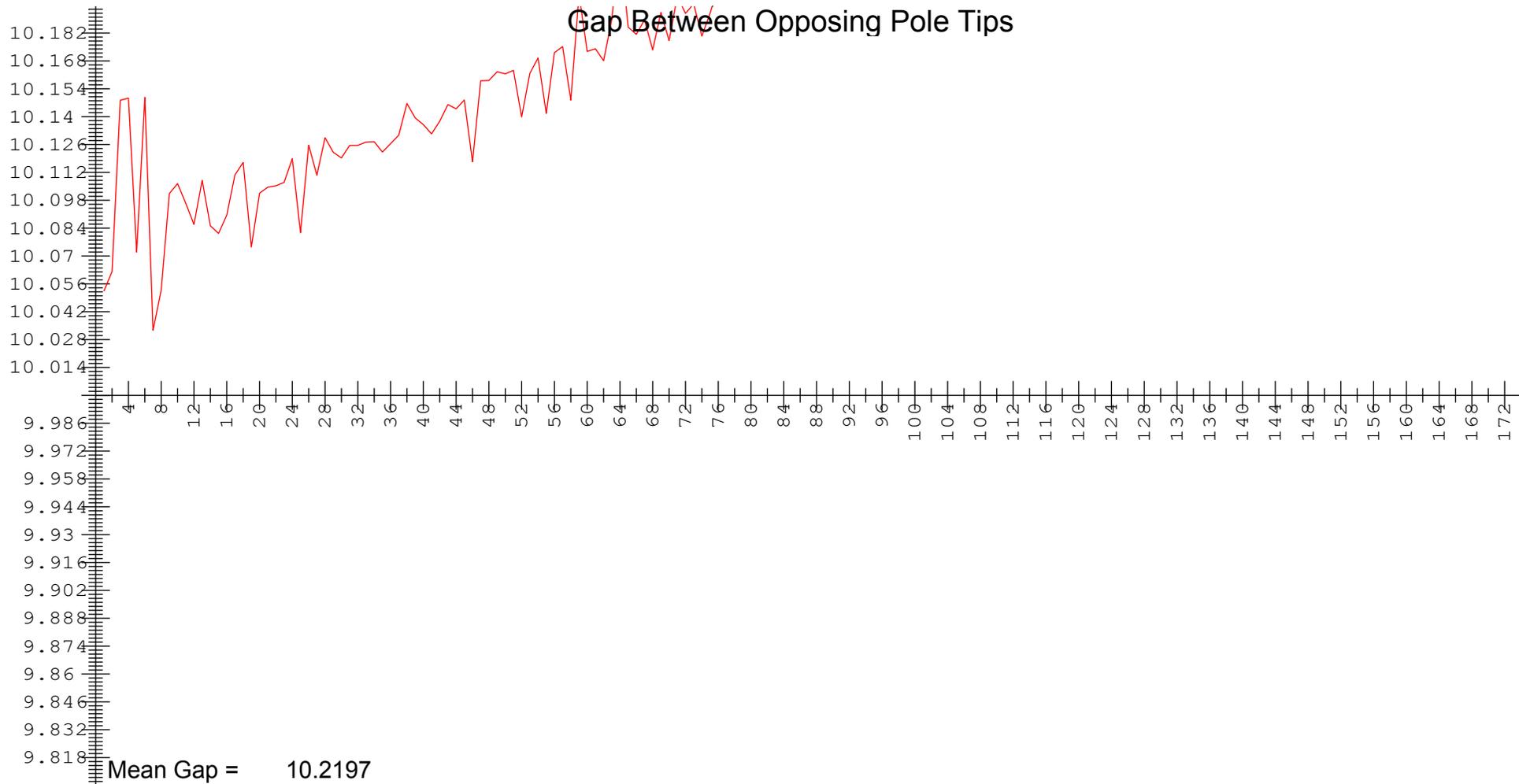
Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0001 DS Encoder = 10.3000

17-APR-2019

S/N = 002

D/S = 0001

Run = 11



Step Between Measured Pole Tips = 1

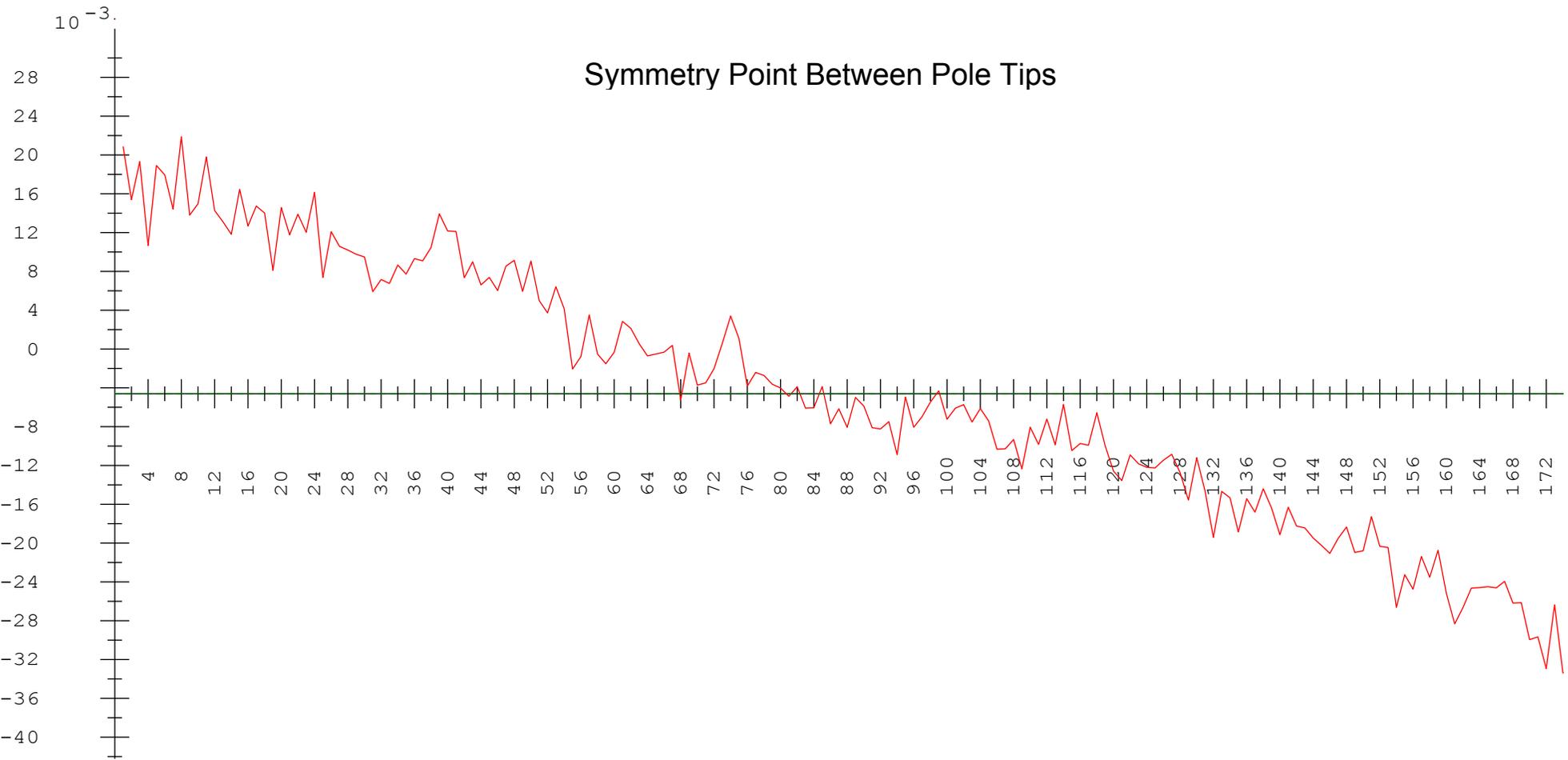
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0001 DS Encoder = 10.3000

17-APR-2019
 S/N = 002
 D/S = 0001
 Run = 11



Mean Symmetry Value = -0.0046

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0001 DS Encoder = 10.3000

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 Run = 11

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	5.0551	5.0771	5.1328	5.1554
Bottom	-5.0195	-5.0612	-5.1666	-5.2094
Gap	10.0746			10.3648
Taper				0.2902

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1052	-5.1145	10.2197	-0.0046

Additional Calculated Values

Bottom Pole #1 Z Value	980.301
Top Jaw Pitch (mrad)	0.030
Bottom Jaw Pitch(mrad)	-0.056
Minimum Effective Gap	10.033
Reference Block Gap	6.810

Dimensions in mm



LCLS II - SXR Undulator

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