

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

Gap Reading = 0.00000

US Encoder = 10.00000

DS Encoder = 0.00000

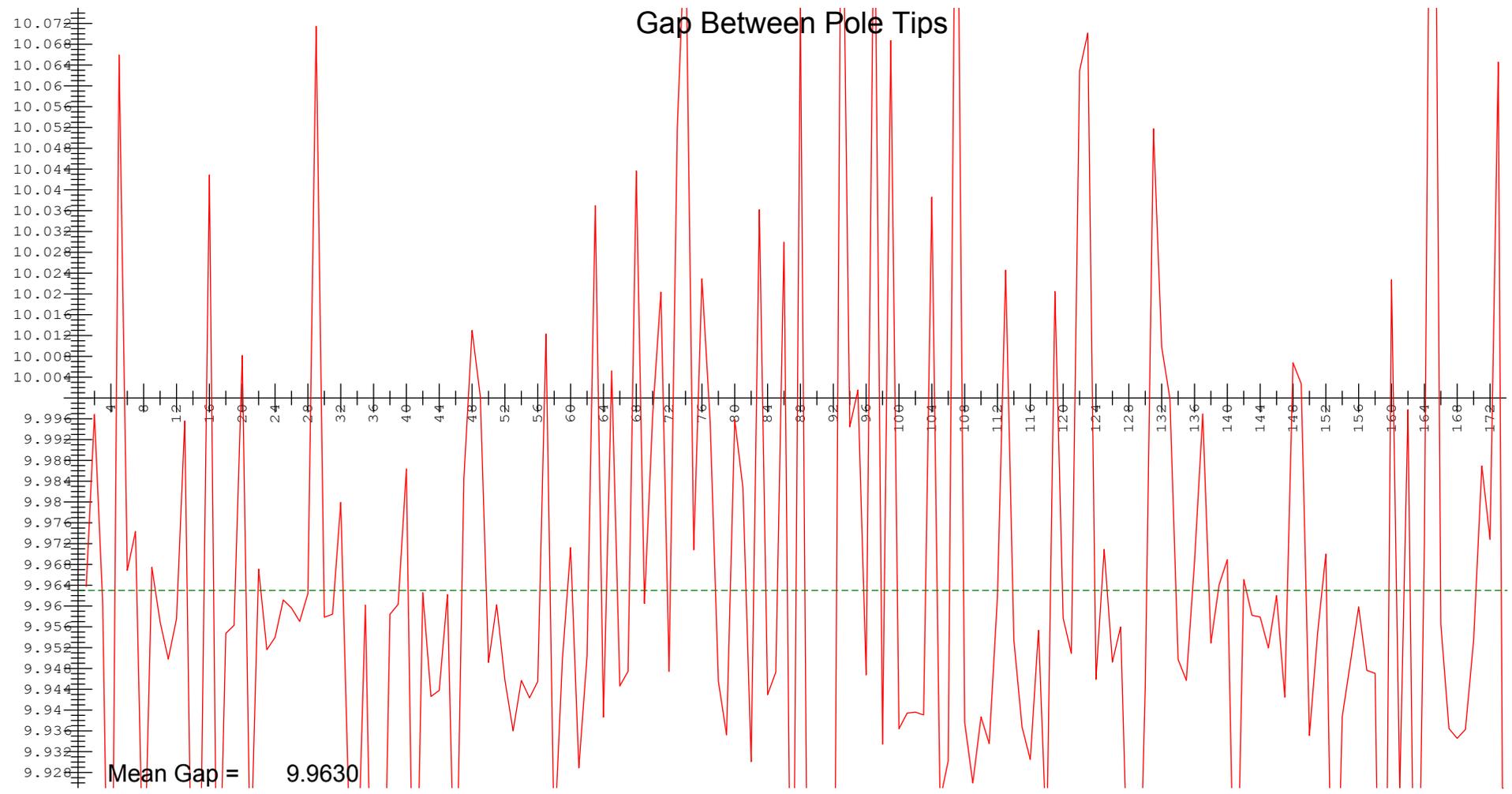
15-NOV-2017

S/N = 004

D/S = 0001

Run = 48

Gap Between Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000

15-NOV-2017
 S/N = 004
 D/S = 0001
 Run = 48

Symmetry Point Between Pole Tips



Mean Symmetry Value = -1.0854

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000

15-NOV-2017
S/N = 004
D/S= 0001
Run= 48

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	3.8576	3.8745	3.9172	3.9346
Bottom	-6.1038	-6.0876	-6.0467	-6.0300

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.8961	-6.0669	9.9630	-1.0854

Outside Pole Ends to Ref. Block on Kugler Bench Points Measured with Gap at 10mm during Datuming Procedure

Jaw	Pole #1	Pole #174	Average
Top			
Bottom			
Ave. of Jaws			

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000

15-NOV-2017
S/N = 004
D/S= 0001
Run= 48