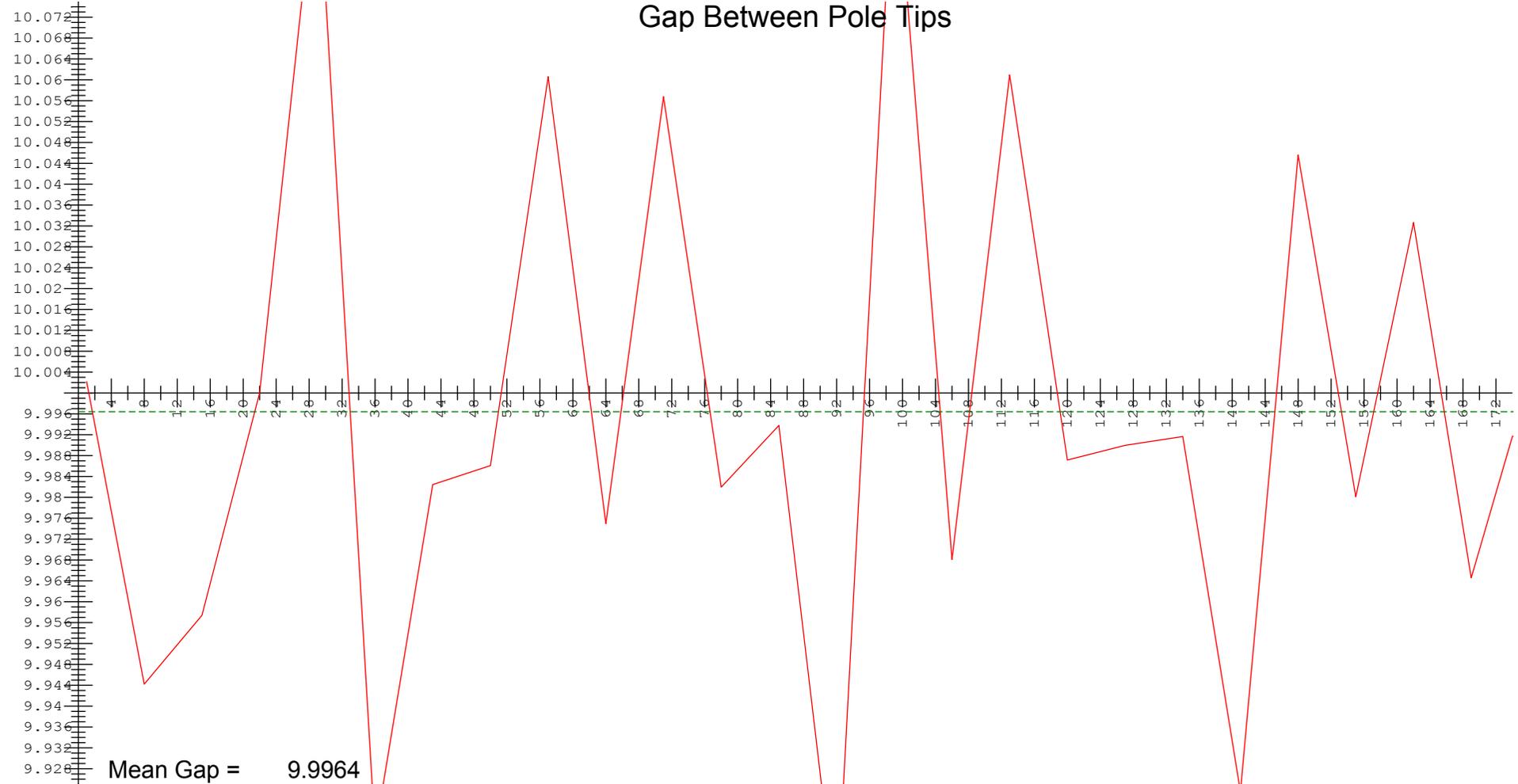


Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 7

Regression Line Through Points =
 Dimensions in mm

 NATIONAL ACCELERATOR LABORATORY METROLOGY	<h2 style="margin: 0;">LCLS II - SXR Undulator</h2> <p style="margin: 0;">Nominal Gap = 10</p> <p style="margin: 0;">Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000</p>	<p style="margin: 0;">16-NOV-2017</p> <p style="margin: 0;">S/N = 004</p> <p style="margin: 0;">D/S= 0001</p> <p style="margin: 0;">Run= 50</p>
---	---	---

Gap Between Pole Tips

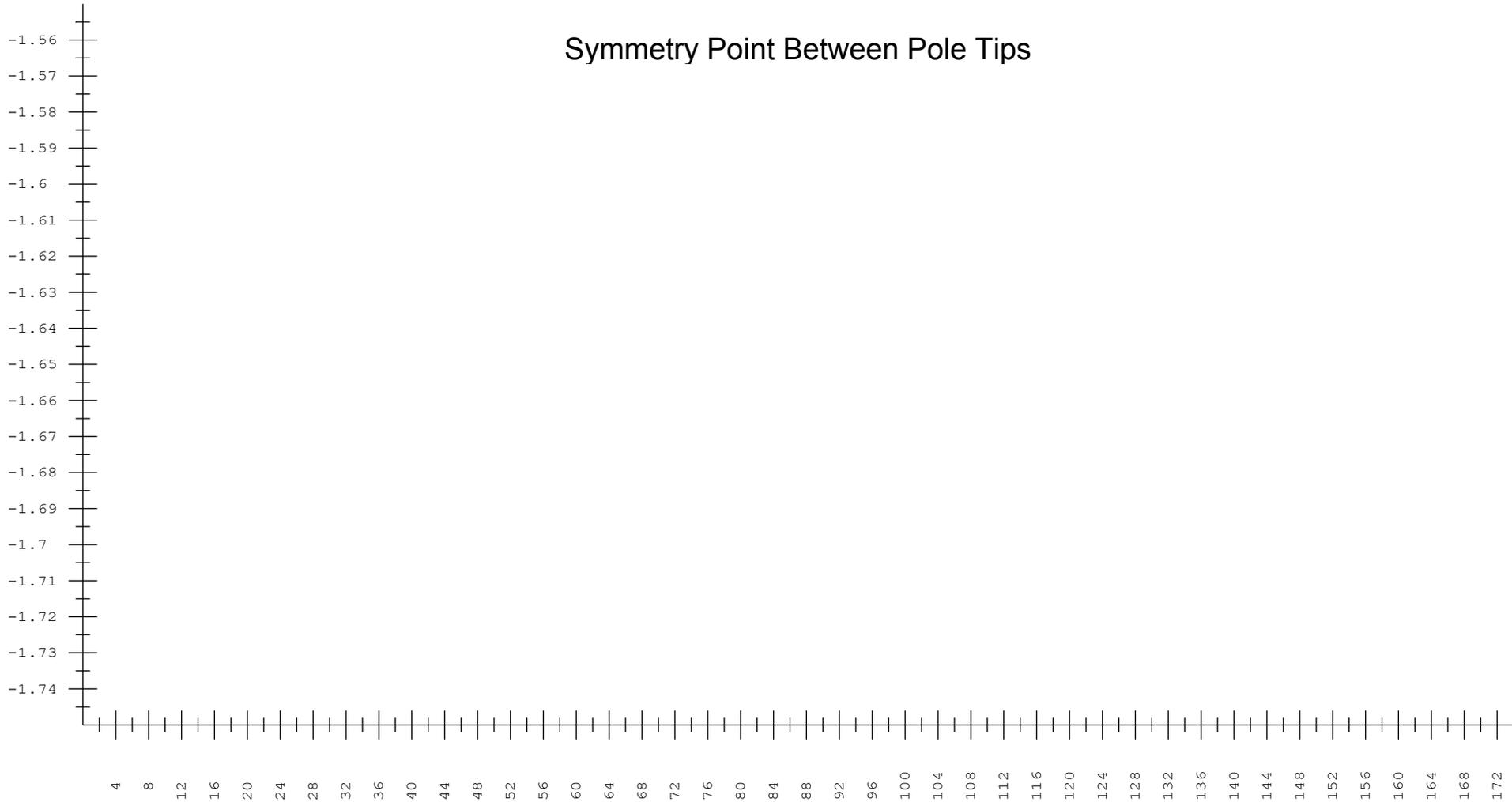


Step Between Measured Pole Tips = 7

Dimensions in mm

	<h2>LCLS II - SXR Undulator</h2> <p>Nominal Gap = 10</p> <p>Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000</p>	<p>16-NOV-2017 S/N = 004 D/S = 0001 Run = 50</p>
---	--	---

Symmetry Point Between Pole Tips



Mean Symmetry Value = -1.1008

Step Between Measured Pole Tips = 7

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

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

16-NOV-2017

S/N = 004

D/S= 0001

Run= 50

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	3.8590	3.8759	3.9186	3.9359
Bottom	-6.1351	-6.1192	-6.0788	-6.0624

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.8974	-6.0991	9.9964	-1.1008

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

16-NOV-2017
S/N = 004
D/S= 0001
Run= 50