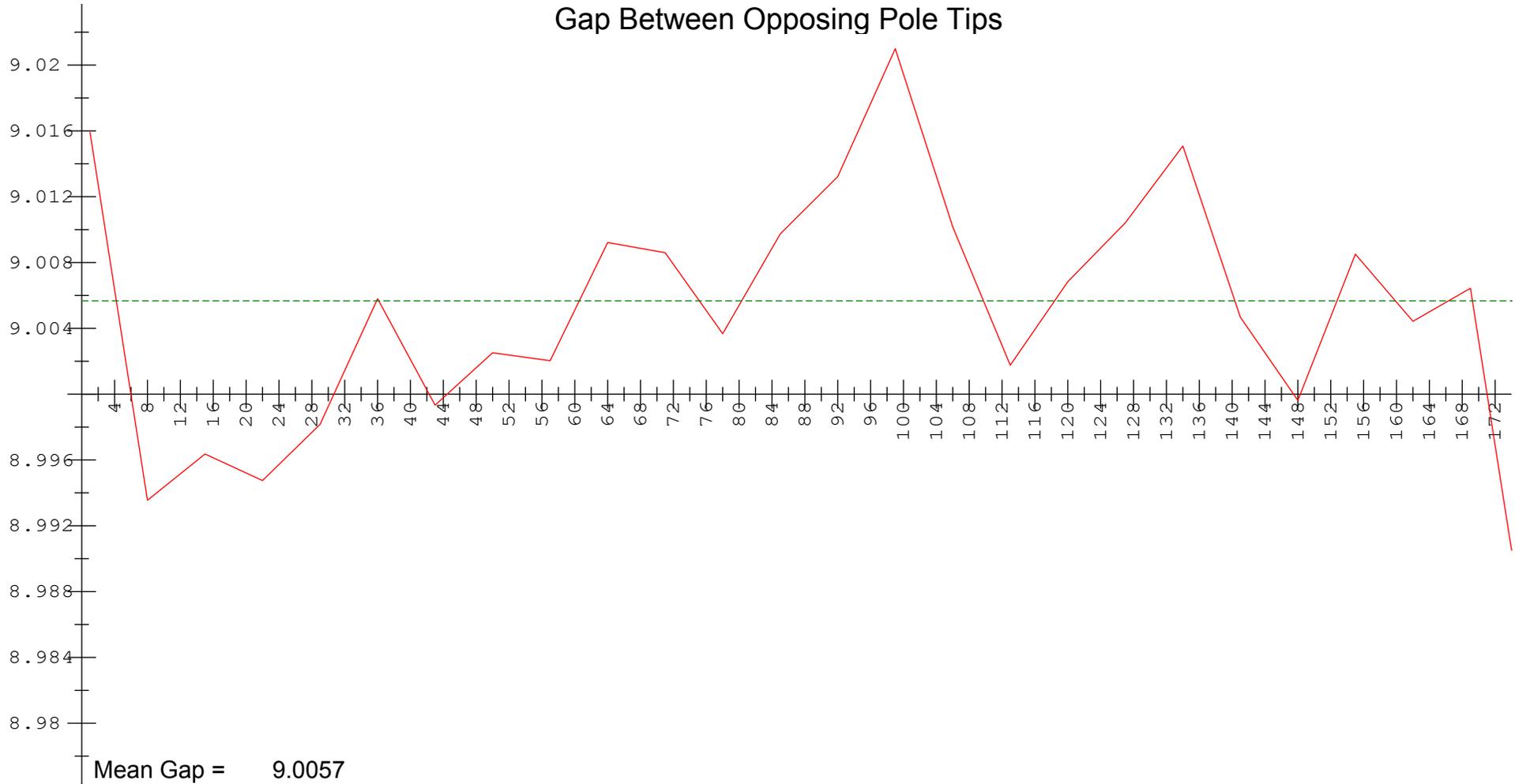


Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 7

Regression Line Through Points = -----
 Dimensions in mm

	LCLS II - SXR Undulator		22-JUN-2018
	Nominal Gap = 9		S/N = 012
	Nominal Taper = 0.000		D/S = 0001
Gap Reading = 9.0000		US Encoder = 9.0000	Run = 6
DS Encoder = 9.0000			

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

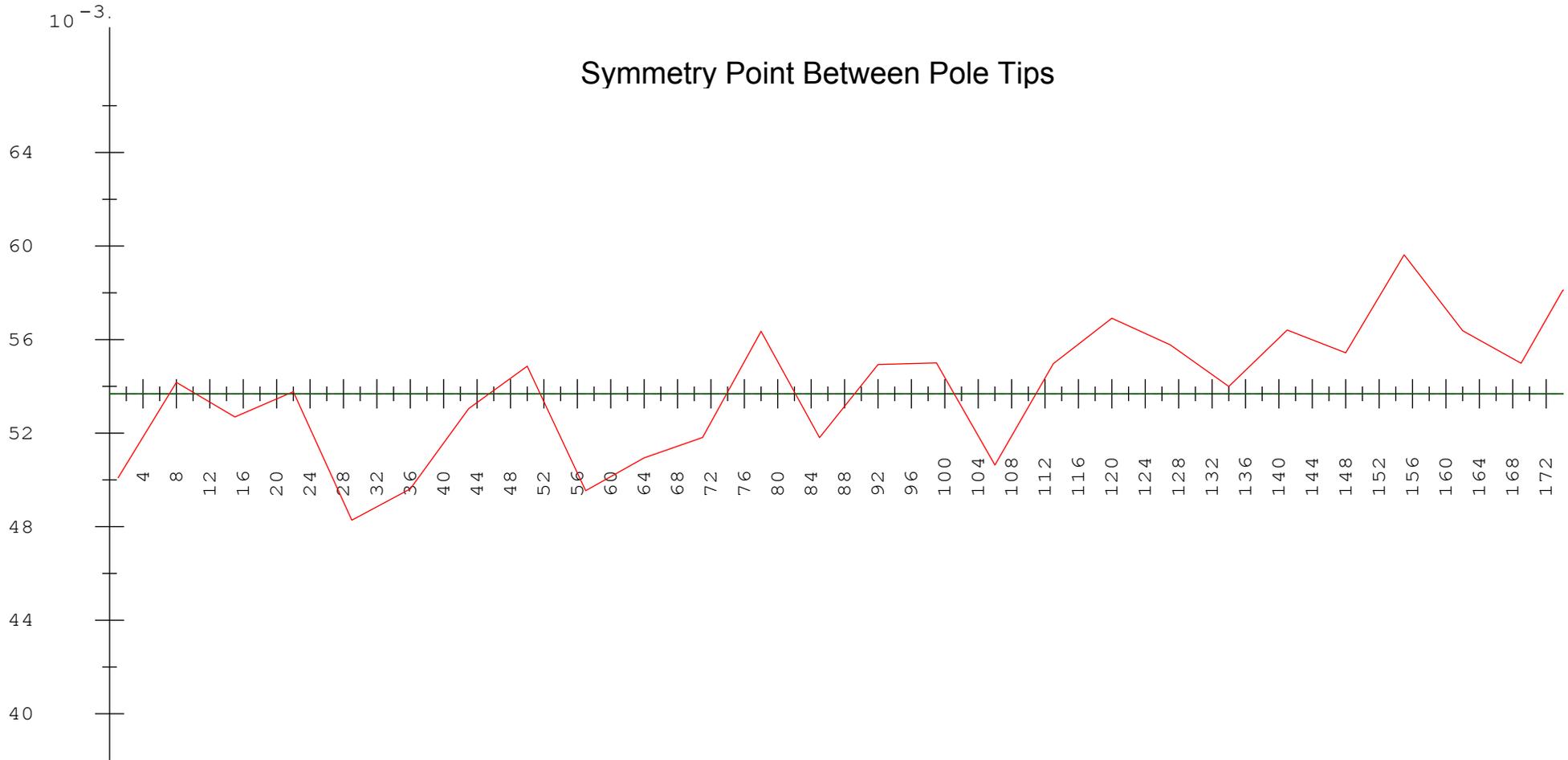


LCLS II - SXR Undulator

Nominal Gap = 9 Nominal Taper = 0.000
 Gap Reading = 9.0000 US Encoder = 9.0000 DS Encoder = 9.0000

22-JUN-2018
 S/N = 012
 D/S = 0001
 Run = 6

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0537

Step Between Measured Pole Tips = 7

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 9 Nominal Taper = 0.000
 Gap Reading = 9.0000 US Encoder = 9.0000 DS Encoder = 9.0000

22-JUN-2018
 S/N = 012
 D/S = 0001
 Run = 6

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	4.5522	4.5541	4.5586	4.5605
Bottom	-4.4509	-4.4499	-4.4475	-4.4465
Gap	9.0031			9.0070
Taper				0.0039

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.5565	-4.4492	9.0057	0.0537

Additional Calculated Values

Bottom Pole #1 Z Value	979.792
Top Jaw Pitch (mrad)	0.002
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	8.985
Reference Block Gap	6.808

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 9 Nominal Taper = 0.000
 Gap Reading = 9.0000 US Encoder = 9.0000 DS Encoder = 9.0000

22-JUN-2018
 S/N = 012
 D/S = 0001
 Run = 6