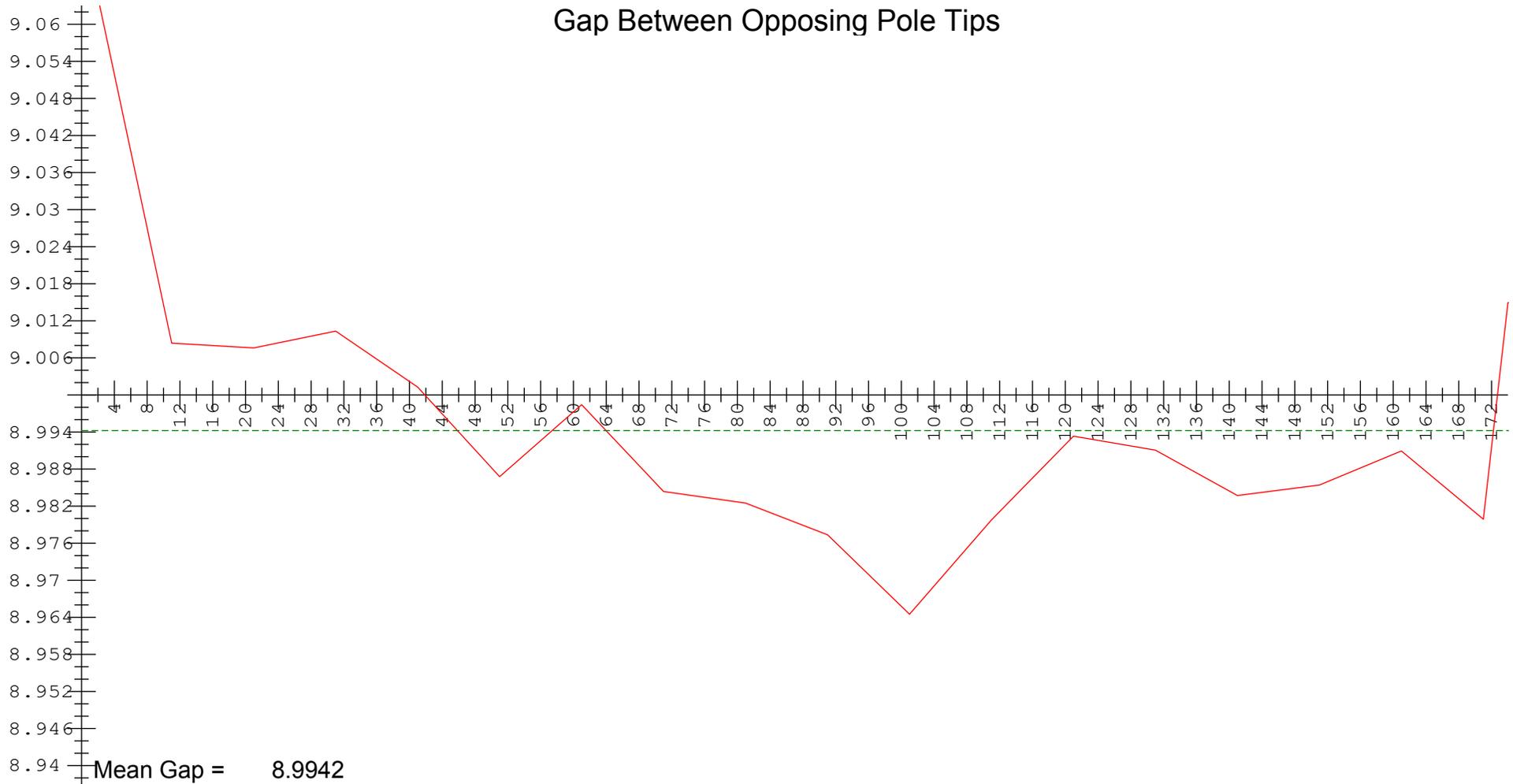


Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 10

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

	LCLS II - SXR Undulator		29-MAR-2018
	Nominal Gap = 9		S/N = 008
	Nominal Taper = 0		D/S = 0001
Gap Reading = 10.0000		US Encoder = 10.0000	Run = 9
DS Encoder = 10.0000			

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 9

Nominal Taper = 0

Gap Reading = 10.0000

US Encoder = 10.0000

DS Encoder = 10.0000

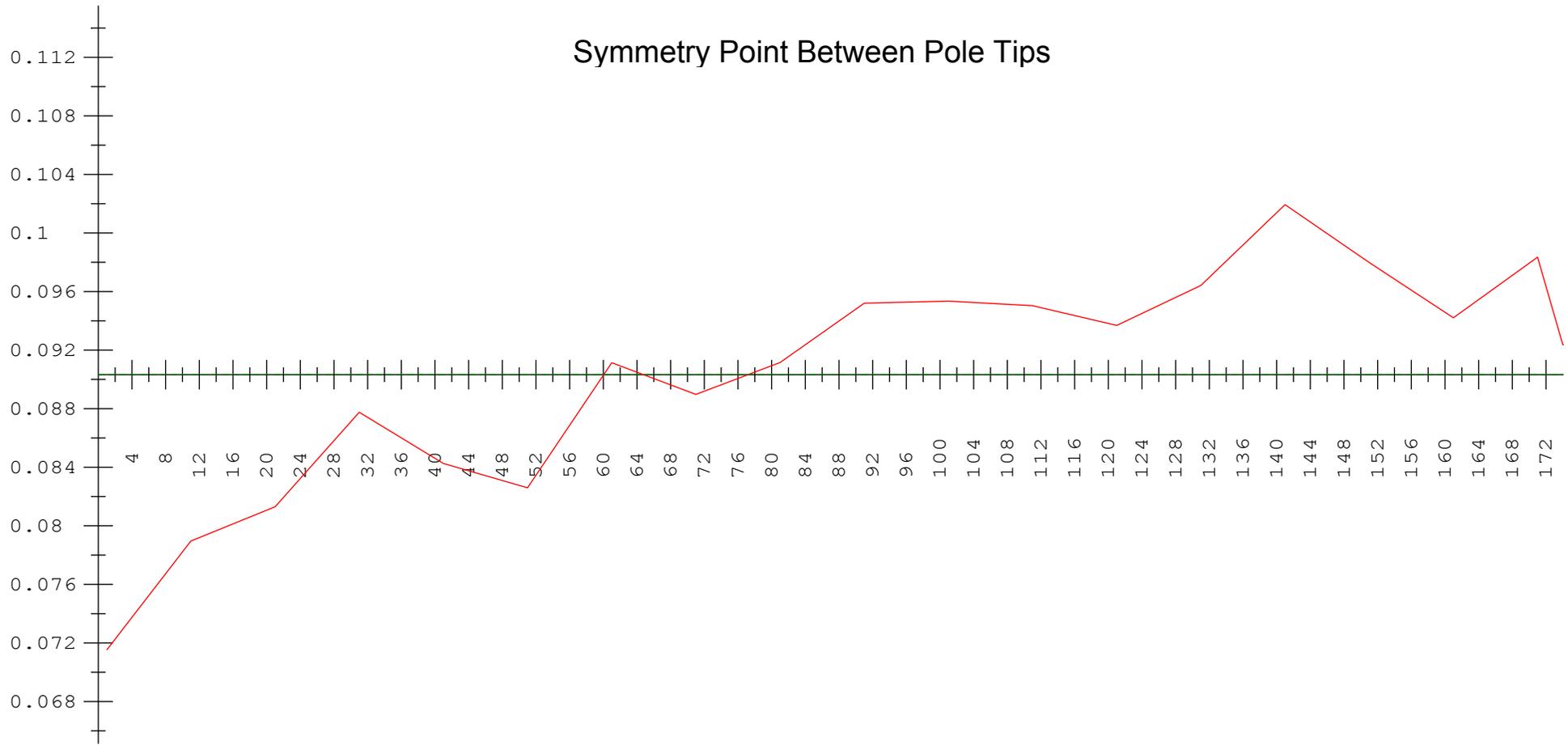
29-MAR-2018

S/N = 008

D/S = 0001

Run = 9

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0903

Step Between Measured Pole Tips = 10

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 9

Nominal Taper = 0

Gap Reading = 10.0000

US Encoder = 10.0000

DS Encoder = 10.0000

29-MAR-2018

S/N = 008

D/S = 0001

Run = 9

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	4.5865	4.5872	4.5889	4.5896
Bottom	-4.4269	-4.4185	-4.3975	-4.3890
Gap	9.0133			8.9786
Taper				-0.0348

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.5874	-4.4068	8.9942	0.0903

Additional Calculated Values

Bottom Pole #1 Z Value	979.390
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.011
Minimum Effective Gap	8.963
Reference Block Gap	6.803

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 9 Nominal Taper = 0
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

29-MAR-2018
 S/N = 008
 D/S= 0001
 Run= 9