

Minimum Effective Gap = 9.760

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			05-MAR-2018 S/N = 001 D/S = 0003 Run = 5
	Gap Reading = 10.0000	US Encoder = 10.0000	DS Encoder = 10.0000	

Gap Between Opposing Pole Tips



Mean Gap = 9.9191

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

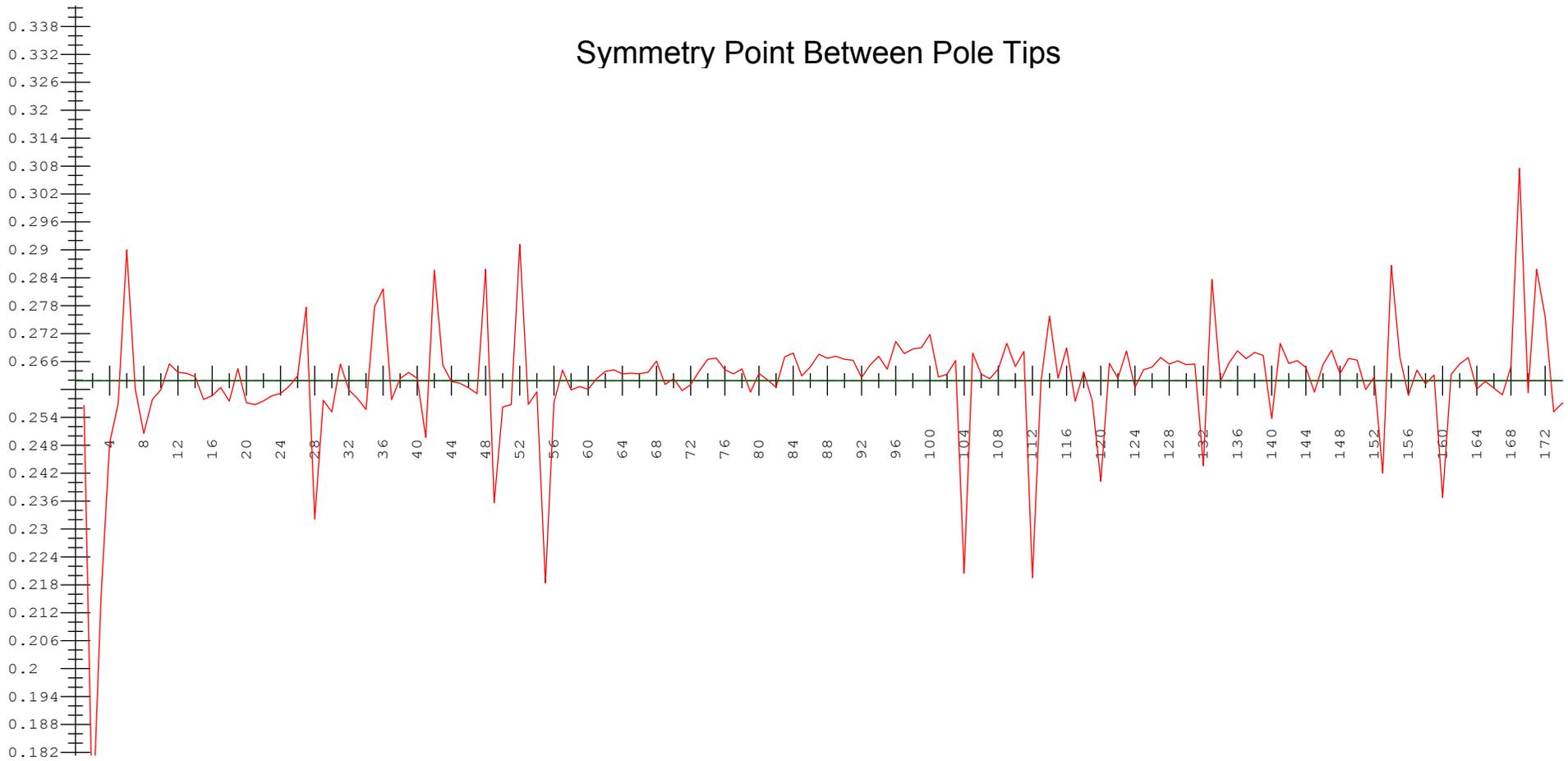
05-MAR-2018

S/N = 001

D/S = 0003

Run = 5

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.2619

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0000

05-MAR-2018

S/N = 001

D/S = 0003

Run = 5

Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	(Pole 39)	(Pole 135)	Last Pole (Pole 174)
Top	5.2207	5.2210	5.2218	5.2222
Bottom	-4.7063	-4.7025	-4.6929	-4.6890
Gap	9.9270			9.9112
Taper				-0.0159

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.2214	-4.6977	9.9191	0.2619

Additional Calculated Values

Bottom Pole #1 Z Value	979.221
Top Jaw Pitch (mrad)	0.000
Bottom Jaw Pitch(mrad)	0.005
Minimum Effective Gap	9.760
Reference Block Gap	6.808

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10

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05-MAR-2018
S/N = 001
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