

Minimum Effective Gap = 13.973

Y Value Scales Centered on Mean Values
Step Between Measured Pole Tips = 5

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

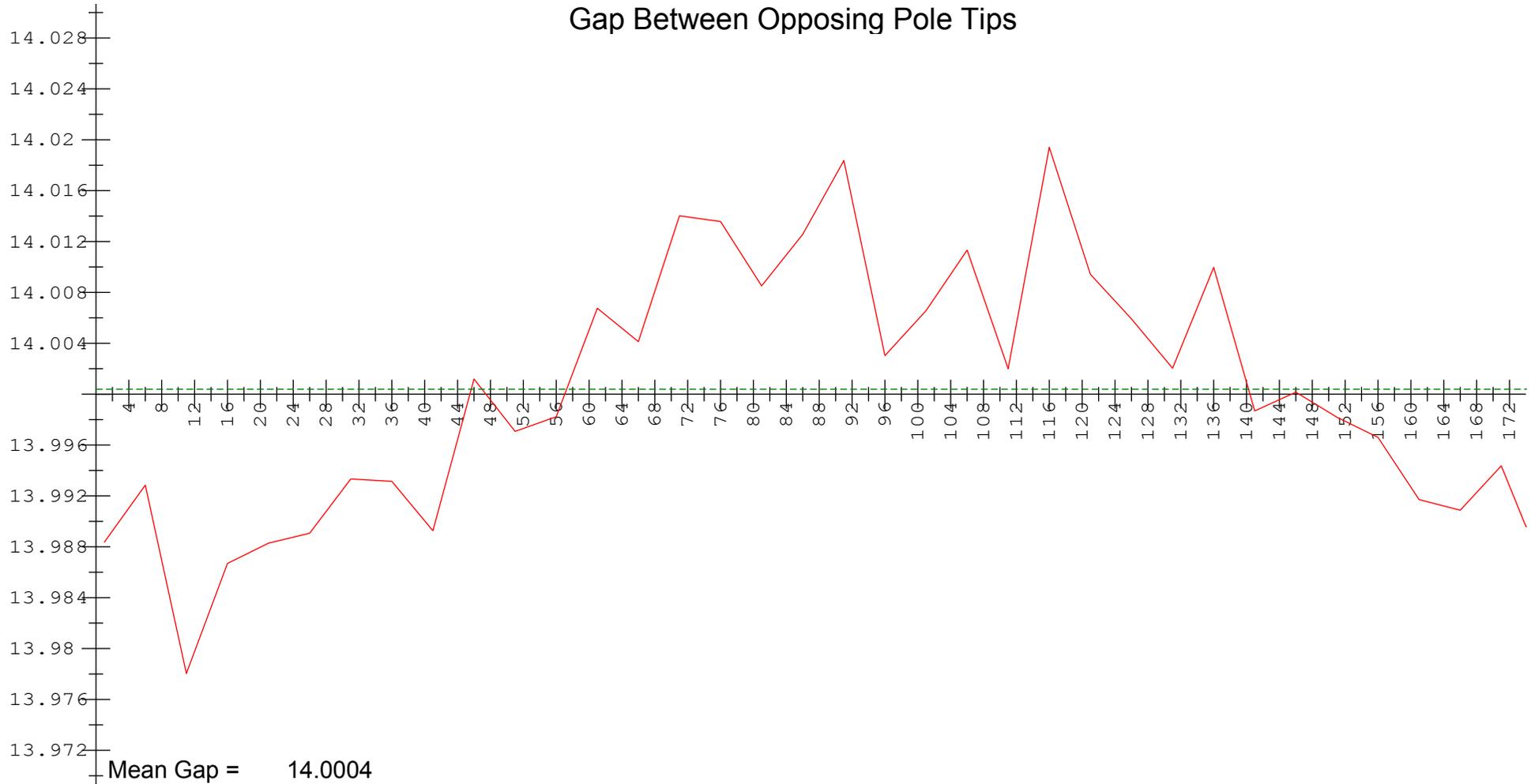


LCLS II - SXR Undulator

Nominal Gap = 14 Nominal Taper = 0.000
Gap Reading = 14.0000 US Encoder = 14.0000 DS Encoder = 14.0001

24-OCT-2018
S/N = 016
D/S = 0001
Run = 11

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

Dimensions in mm

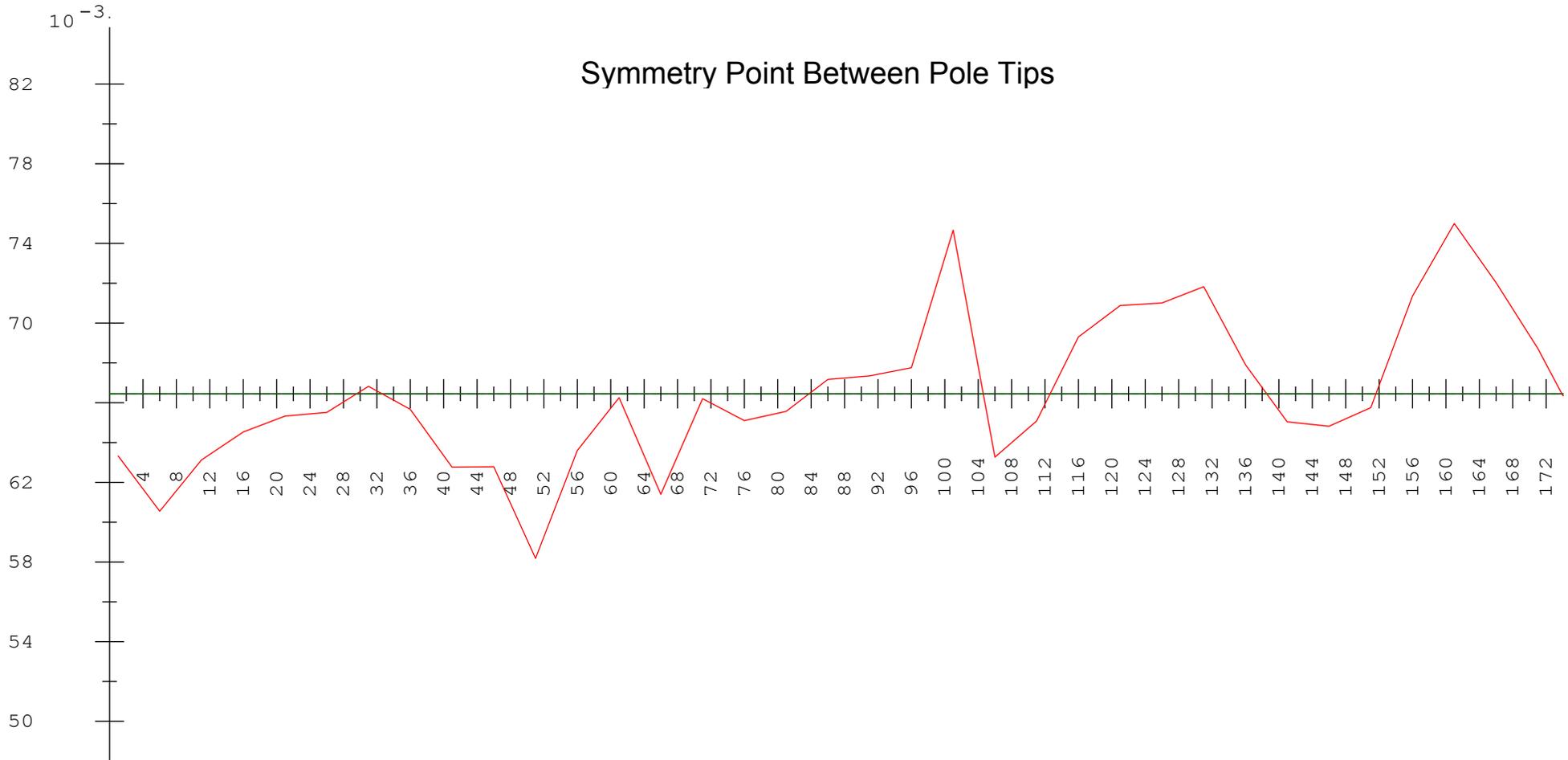


LCLS II - SXR Undulator

Nominal Gap = 14 Nominal Taper = 0.000
 Gap Reading = 14.0000 US Encoder = 14.0000 DS Encoder = 14.0001

24-OCT-2018
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 Run = 11

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0664

Step Between Measured Pole Tips = 5

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 14 Nominal Taper = 0.000
 Gap Reading = 14.0000 US Encoder = 14.0000 DS Encoder = 14.0001

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 Run = 11

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	7.0603	7.0630	7.0698	7.0726
Bottom	-6.9351	-6.9344	-6.9328	-6.9322
Gap	13.9953			14.0048
Taper				0.0094

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.0666	-6.9337	14.0004	0.0664

Additional Calculated Values

Bottom Pole #1 Z Value	979.935
Top Jaw Pitch (mrad)	0.004
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	13.973
Reference Block Gap	6.809

Dimensions in mm



LCLS II - SXR Undulator

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