

Minimum Effective Gap = 9.998

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 Nominal Taper = 0.300

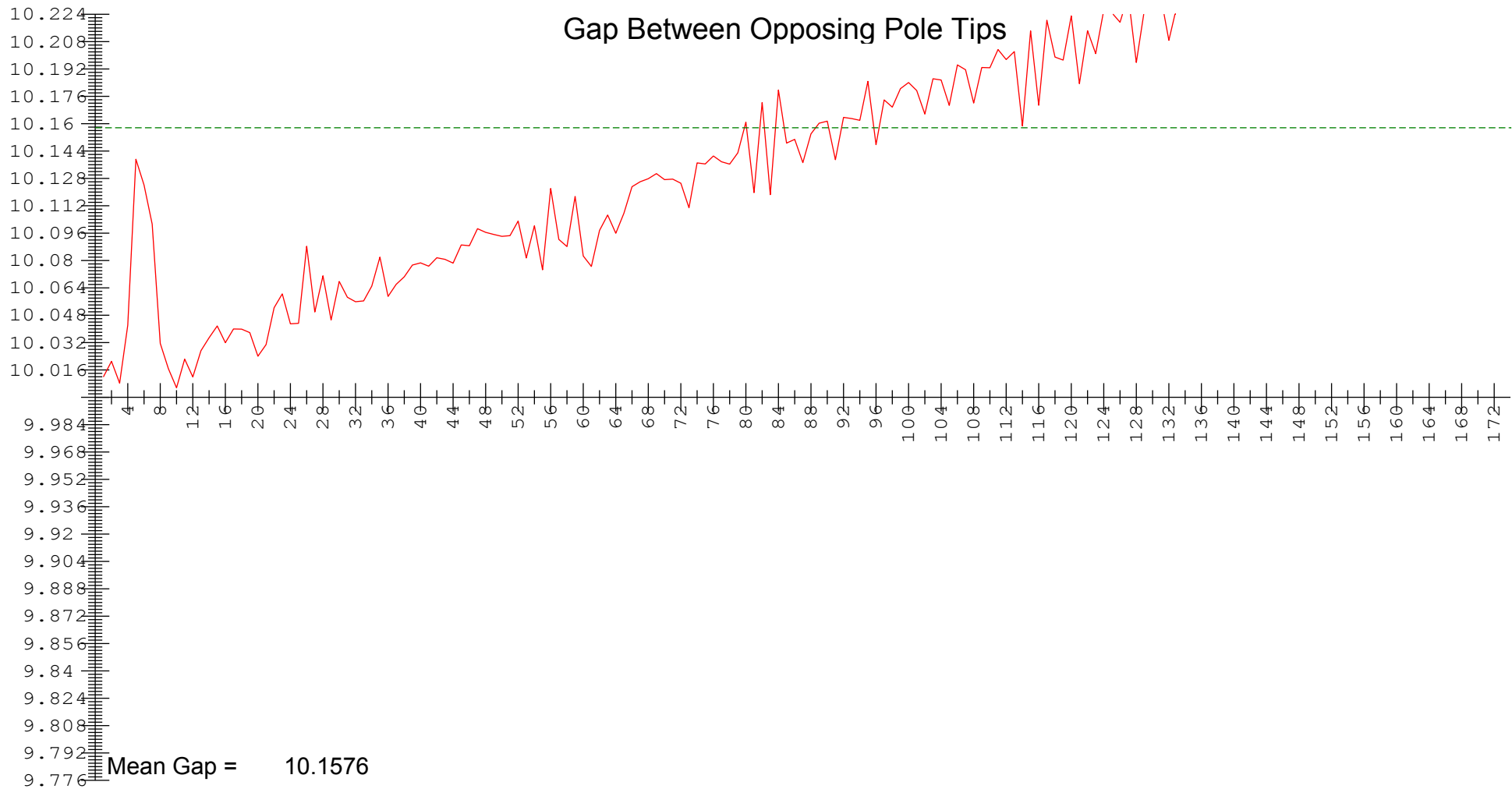
Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

19-OCT-2018

S/N = 015

D/S = 0001

Run = 11



Step Between Measured Pole Tips = 1

Dimensions in mm

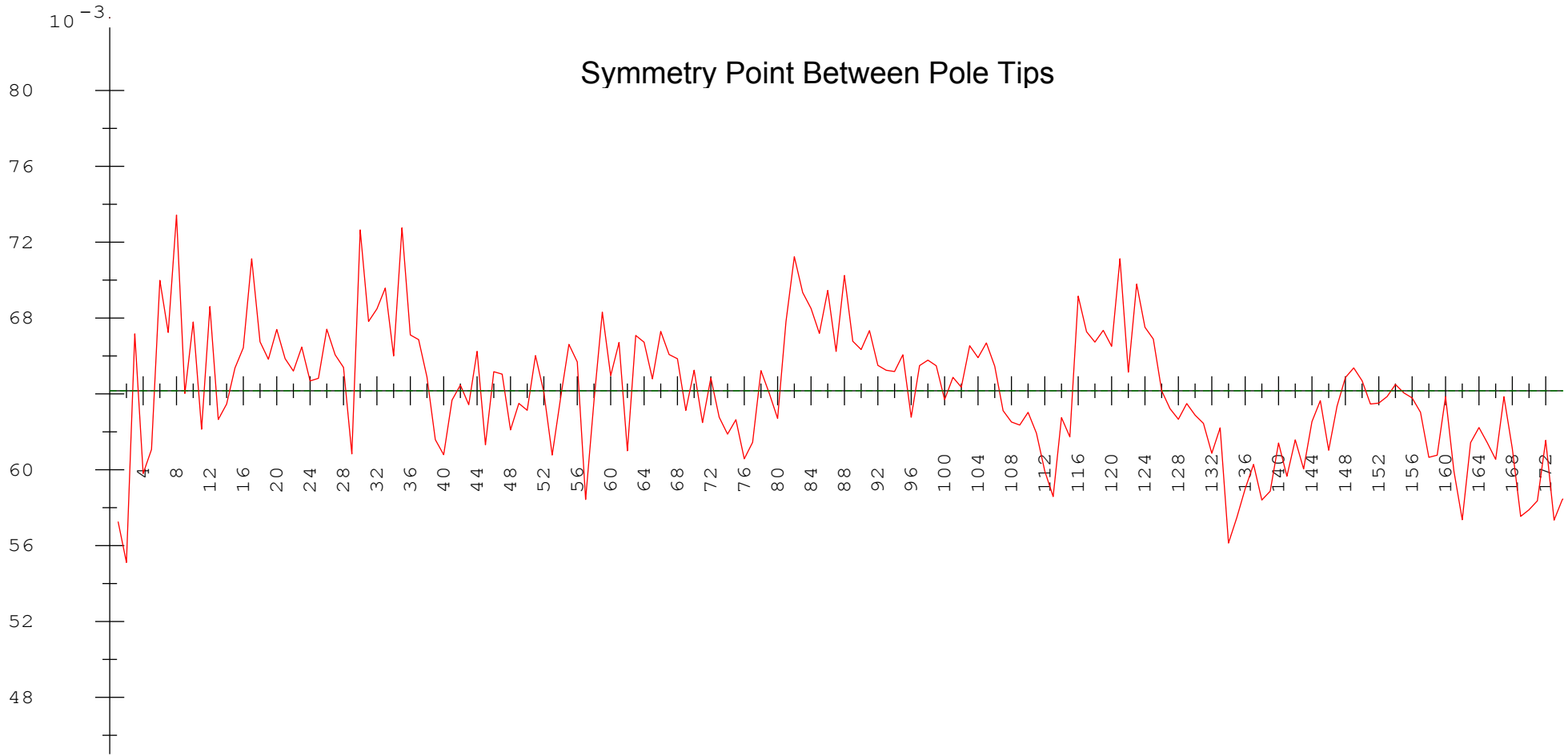


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

19-OCT-2018
 S/N = 015
 D/S = 0001
 Run = 11

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0642

Step Between Measured Pole Tips = 1

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.300
 Gap Reading = 10.1500 US Encoder = 10.0000 DS Encoder = 10.3000

19-OCT-2018
 S/N = 015
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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	5.0728	5.1036	5.1815	5.2132
Bottom	-4.9399	-4.9728	-5.0557	-5.0894
Gap	10.0127			10.3025
Taper				0.2898

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.1430	-5.0147	10.1576	0.0642

Additional Calculated Values

Bottom Pole #1 Z Value	980.397
Top Jaw Pitch (mrad)	0.042
Bottom Jaw Pitch(mrad)	-0.044
Minimum Effective Gap	9.998
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

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 Run= 11