

Minimum Effective Gap = 20.002

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 11

Regression Line Through Points =

Dimensions in mm



LCLS II - SXR Undulator

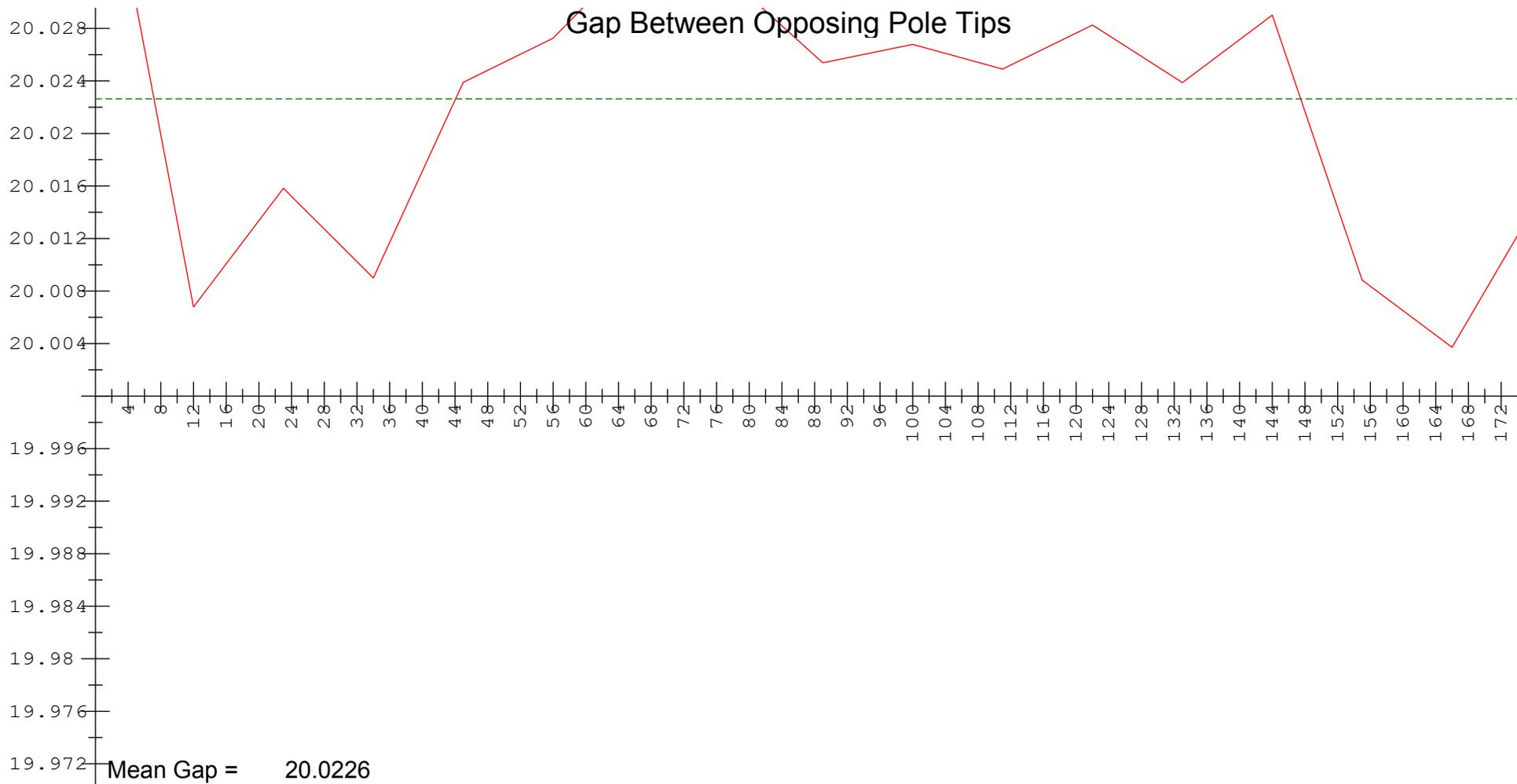
Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0000 US Encoder = 20.0000 DS Encoder = 20.0000

07-JUN-2018

S/N = 011

D/S = 0001

Run = 12



Step Between Measured Pole Tips = 11

Dimensions in mm

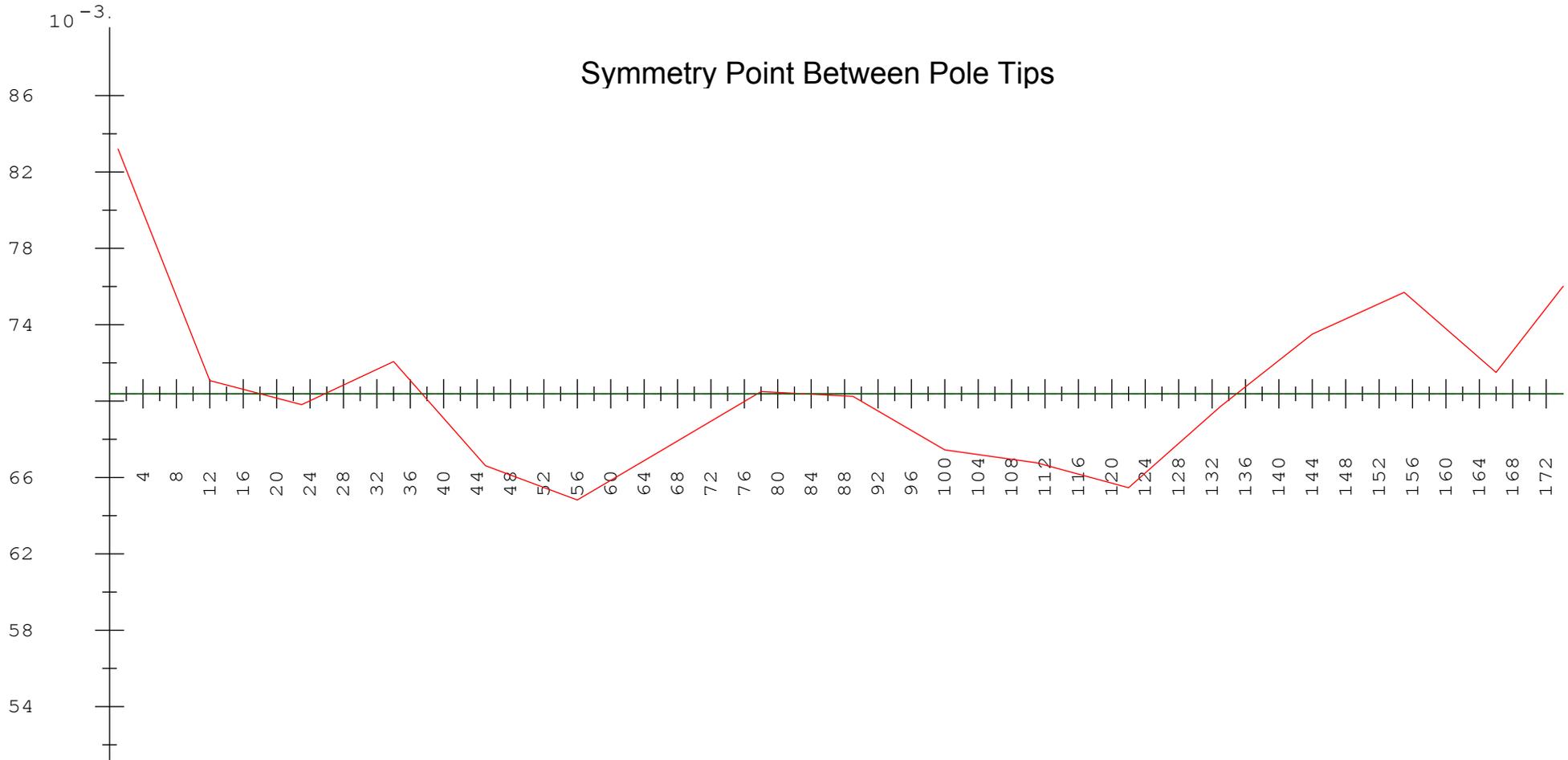


LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0000 US Encoder = 20.0000 DS Encoder = 20.0000

07-JUN-2018
 S/N = 011
 D/S = 0001
 Run = 12

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0704

Step Between Measured Pole Tips = 11

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0000 US Encoder = 20.0000 DS Encoder = 20.0000

07-JUN-2018
 S/N = 011
 D/S = 0001
 Run = 12

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	10.0840	10.0830	10.0805	10.0795
Bottom	-9.9425	-9.9415	-9.9392	-9.9382
Gap	20.0265			20.0177
Taper				-0.0088

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.0817	-9.9409	20.0226	0.0704

Additional Calculated Values

Bottom Pole #1 Z Value	979.744
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	20.002
Reference Block Gap	6.806

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 20.0000 US Encoder = 20.0000 DS Encoder = 20.0000

07-JUN-2018
 S/N = 011
 D/S= 0001
 Run= 12