

Minimum Effective Gap = 7.377

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

Dimensions in mm

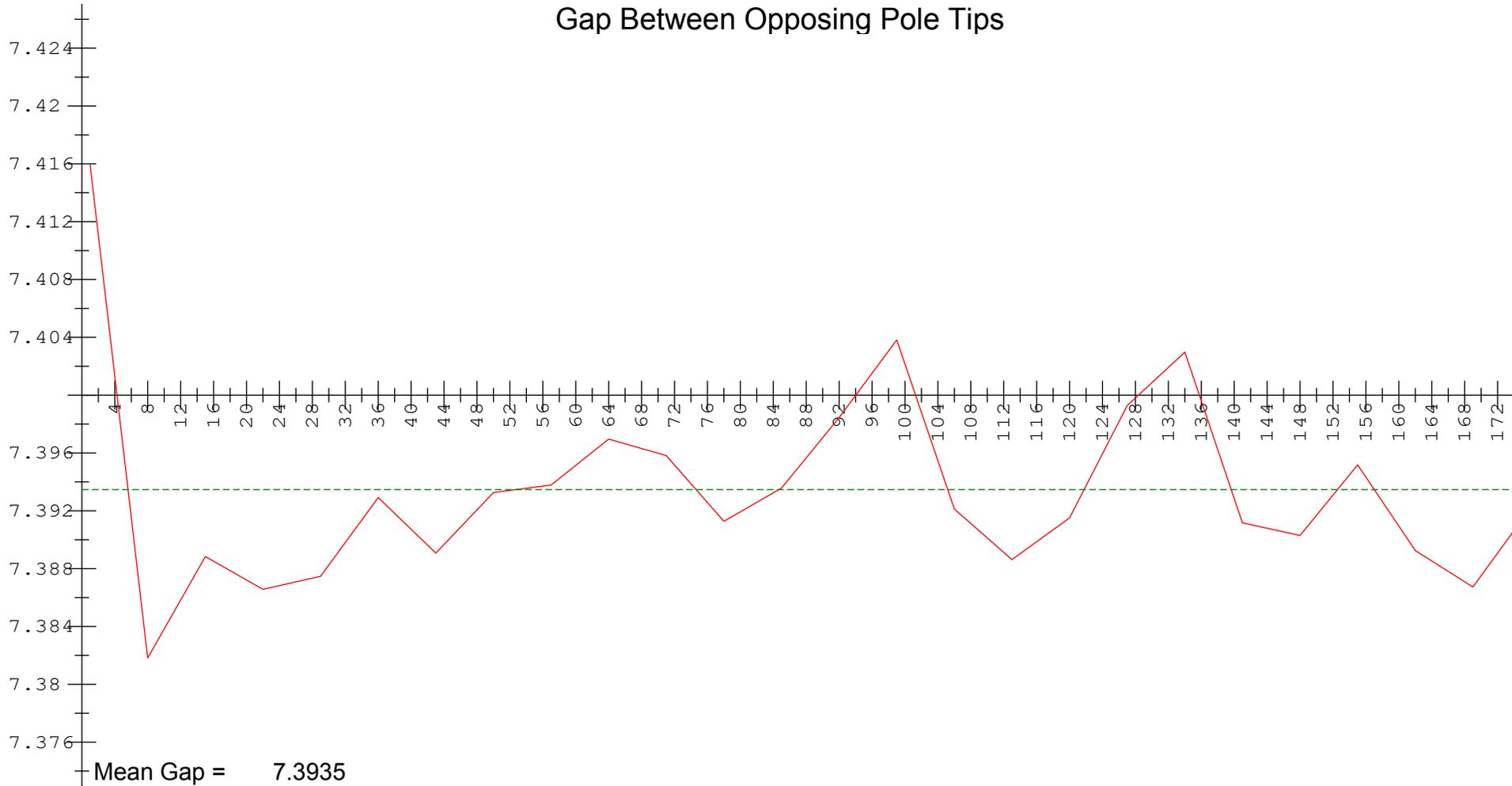


LCLS II - SXR Undulator

Nominal Gap = 7.4 Nominal Taper = 0.000
 Gap Reading = 7.4000 US Encoder = 7.4000 DS Encoder = 7.4000

22-JUN-2018
 S/N = 012
 D/S = 0001
 Run = 5

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 7

Dimensions in mm

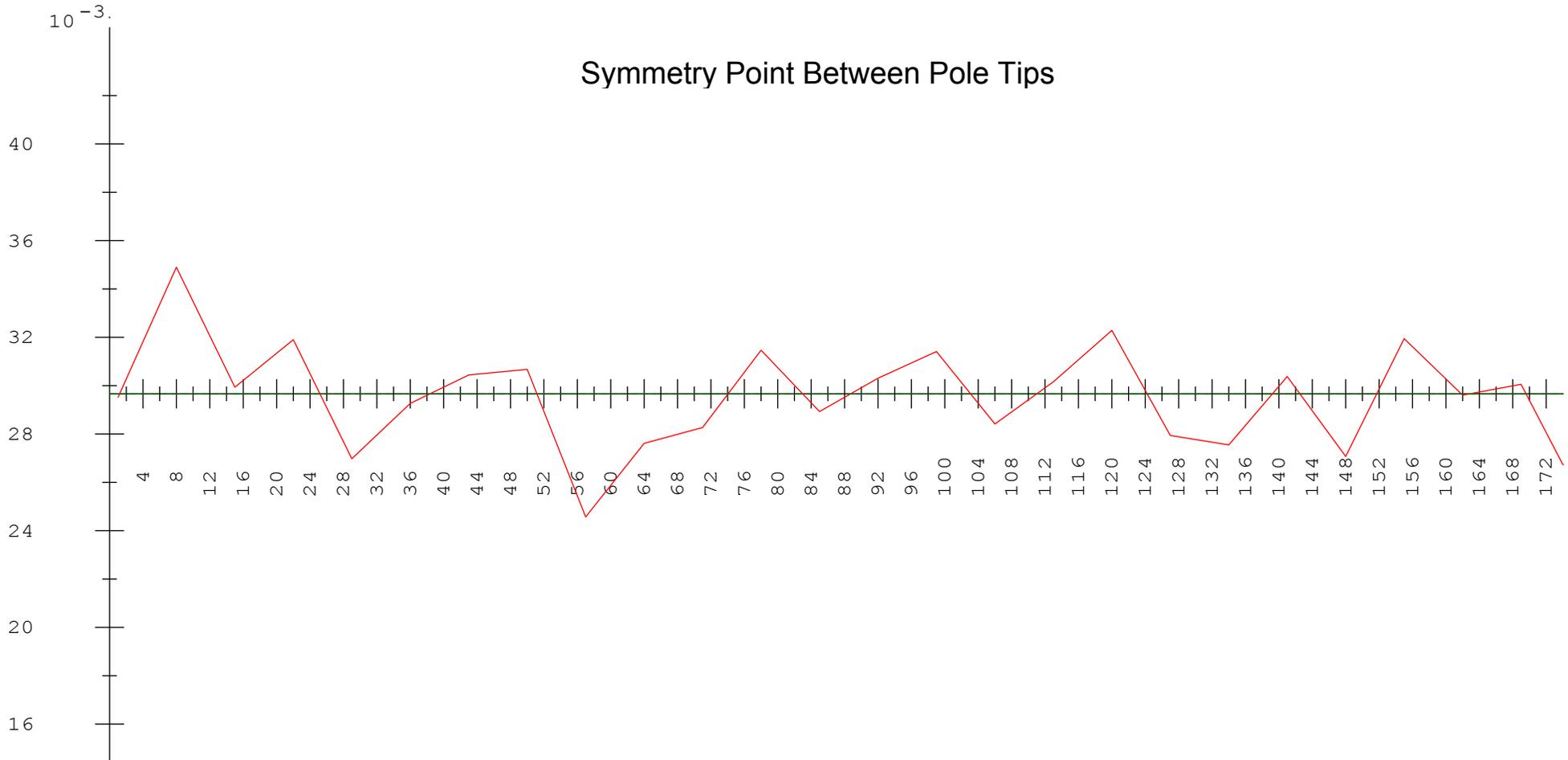


LCLS II - SXR Undulator

Nominal Gap = 7.4 Nominal Taper = 0.000
 Gap Reading = 7.4000 US Encoder = 7.4000 DS Encoder = 7.4000

22-JUN-2018
 S/N = 012
 D/S = 0001
 Run = 5

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.0297

Step Between Measured Pole Tips = 7

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 7.4 Nominal Taper = 0.000
 Gap Reading = 7.4000 US Encoder = 7.4000 DS Encoder = 7.4000

22-JUN-2018
 S/N = 012
 D/S = 0001
 Run = 5

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	3.7271	3.7267	3.7257	3.7253
Bottom	-3.6668	-3.6669	-3.6673	-3.6675
Gap	7.3939			7.3928
Taper				-0.0011

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.7264	-3.6671	7.3935	0.0297

Additional Calculated Values

Bottom Pole #1 Z Value	979.792
Top Jaw Pitch (mrad)	-0.001
Bottom Jaw Pitch(mrad)	0.000
Minimum Effective Gap	7.377
Reference Block Gap	6.808

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 7.4 Nominal Taper = 0.000
 Gap Reading = 7.4000 US Encoder = 7.4000 DS Encoder = 7.4000

22-JUN-2018
 S/N = 012
 D/S= 0001
 Run= 5