

Minimum Effective Gap = 10.492

Y Value Scales Centered on Mean Values
 Step Between Measured Pole Tips = 60

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

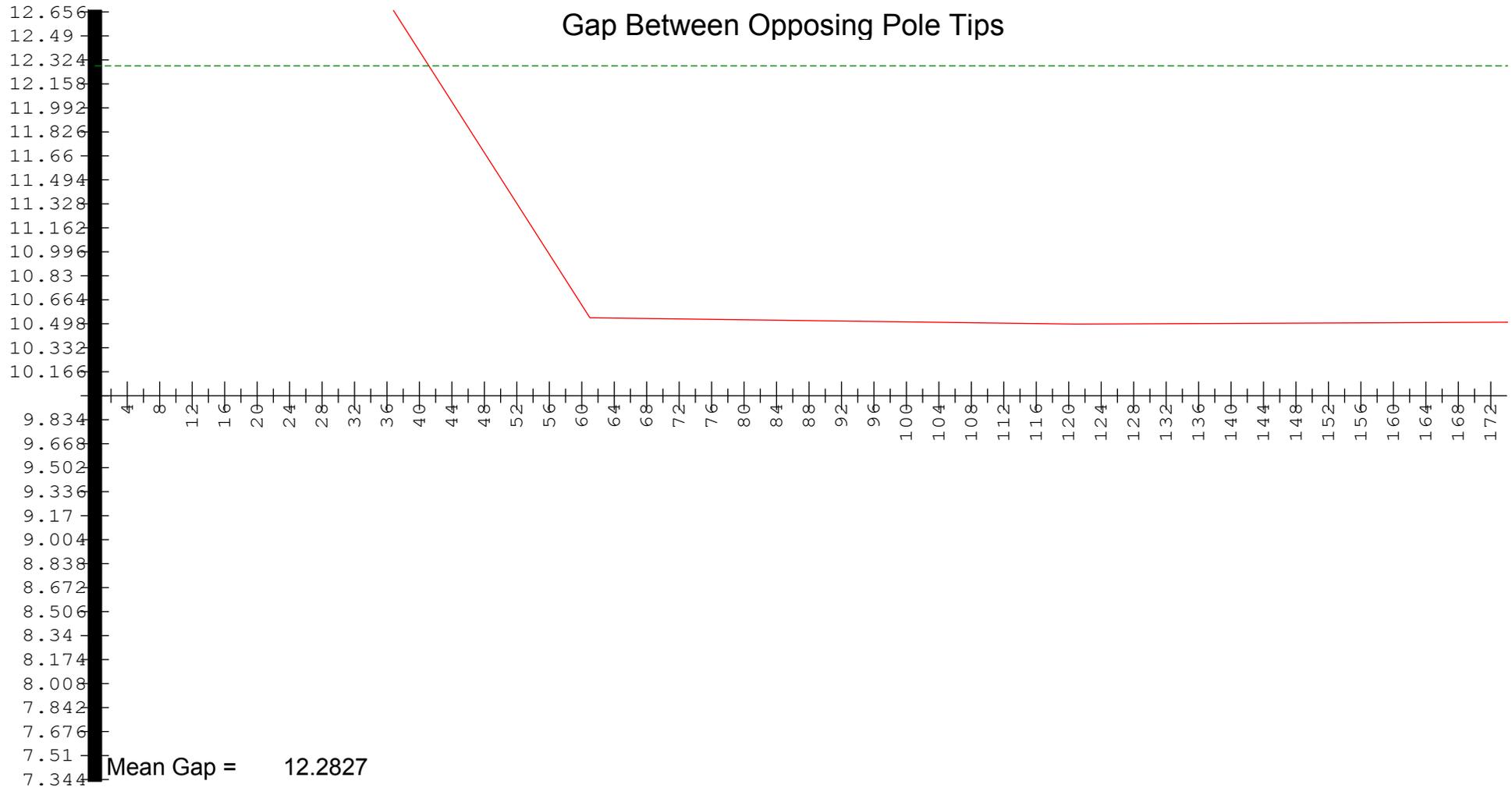


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000

Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
 S/N = 001
 D/S = 0007
 Run = 20



Step Between Measured Pole Tips = 60

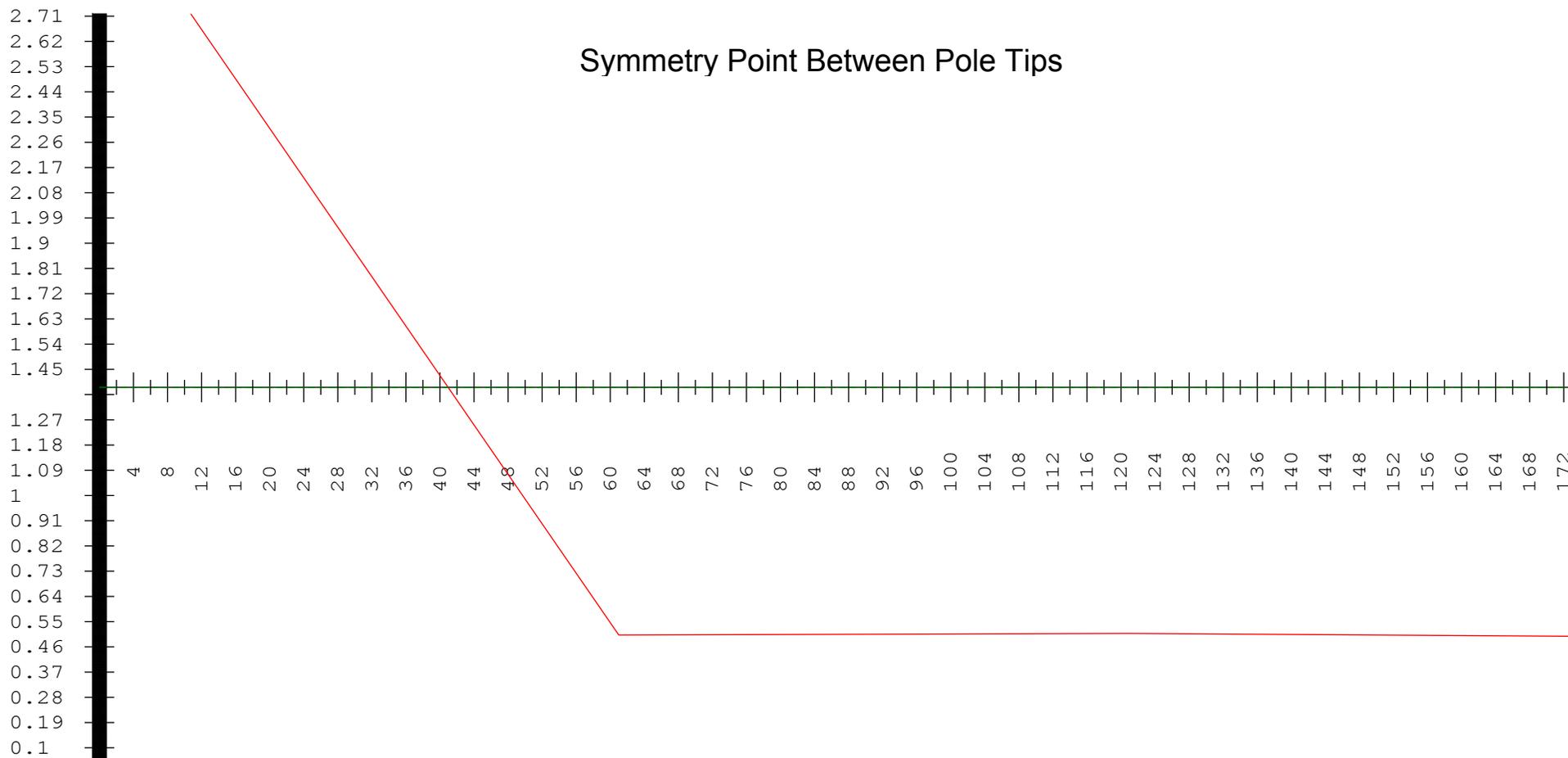
Dimensions in mm



LCLS II - SXR Undulator

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 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
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Mean Symmetry Value = 1.3859

Step Between Measured Pole Tips = 60

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

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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	9.5469	8.4868	5.8058	4.7177
Bottom	-4.7615	-4.7591	-4.7529	-4.7503
Gap	14.3084			9.4681
Taper				-4.8403

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.5272	-4.7555	12.2827	1.3859

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	-1.431
Bottom Jaw Pitch(mrad)	0.003
Minimum Effective Gap	10.492
Reference Block Gap	6.805

Dimensions in mm



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