

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 60

Regression Line Through Points = -----

Dimensions in mm

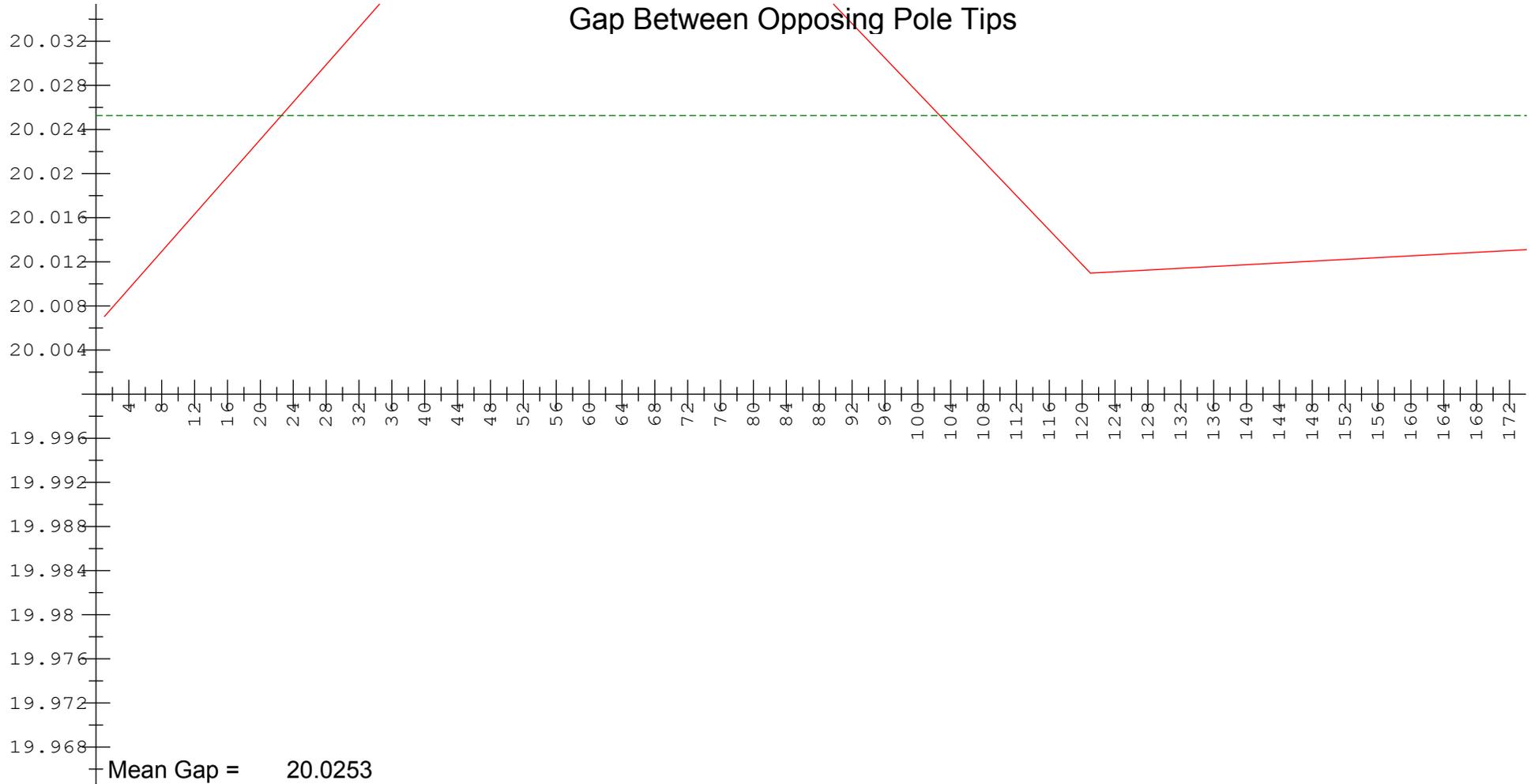


LCLS II - SXR Undulator

Nominal Gap = 20 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

30-JUL-2019
 S/N = 001
 D/S = 0007
 Run = 16

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 60

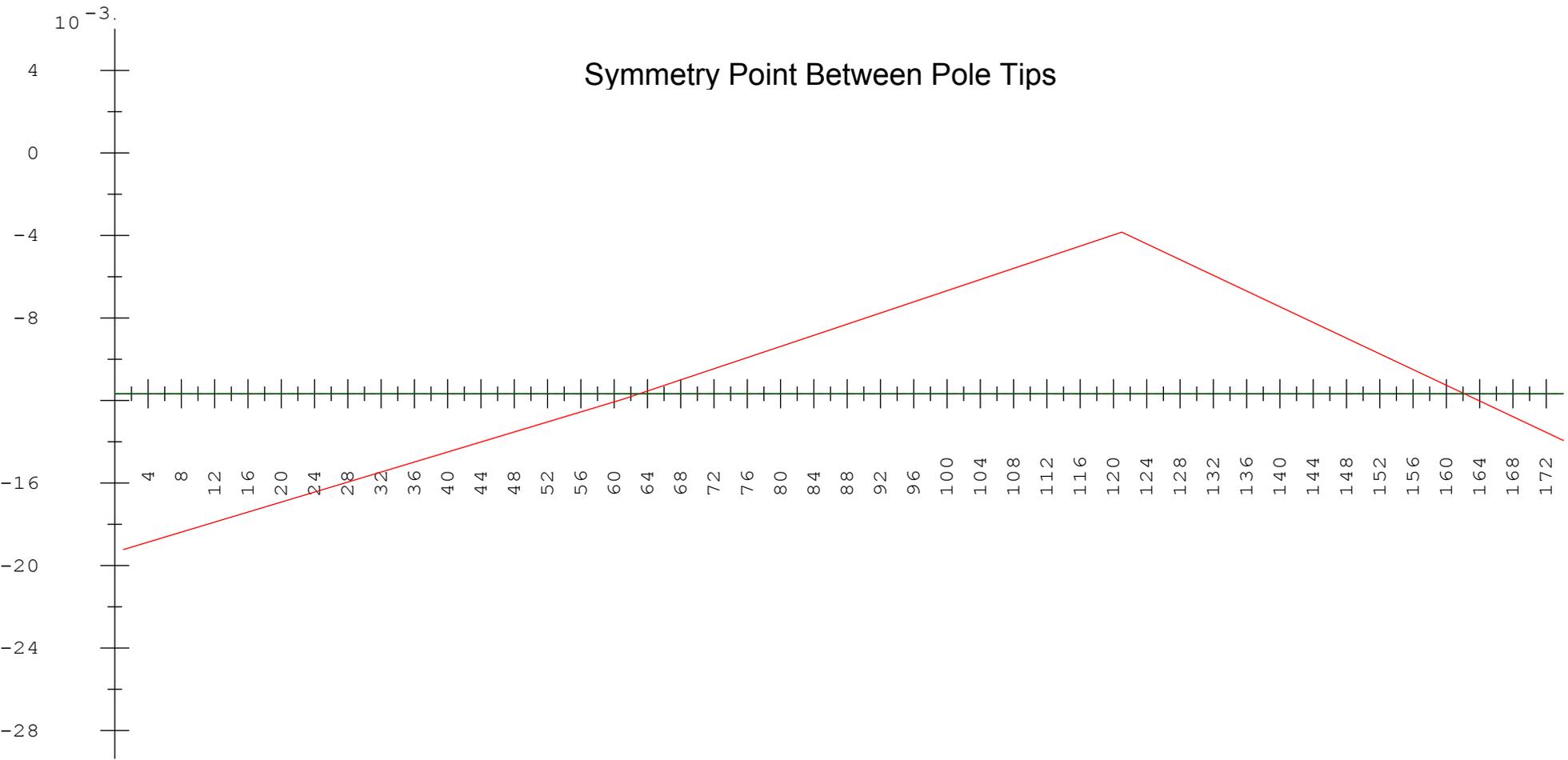
Dimensions in mm



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Mean Symmetry Value = -0.0117

Step Between Measured Pole Tips = 60

Dimensions in mm



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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	9.9971	9.9979	9.9998	10.0006
Bottom	-10.0293	-10.0267	-10.0203	-10.0176
Gap	20.0264			20.0182
Taper				-0.0082

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.0010	-10.0243	20.0253	-0.0117

Additional Calculated Values

Bottom Pole #1 Z Value	980.085
Top Jaw Pitch (mrad)	0.001
Bottom Jaw Pitch(mrad)	0.003
Minimum Effective Gap	19.994
Reference Block Gap	6.804

Dimensions in mm



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