

Minimum Effective Gap = 19.996

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

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

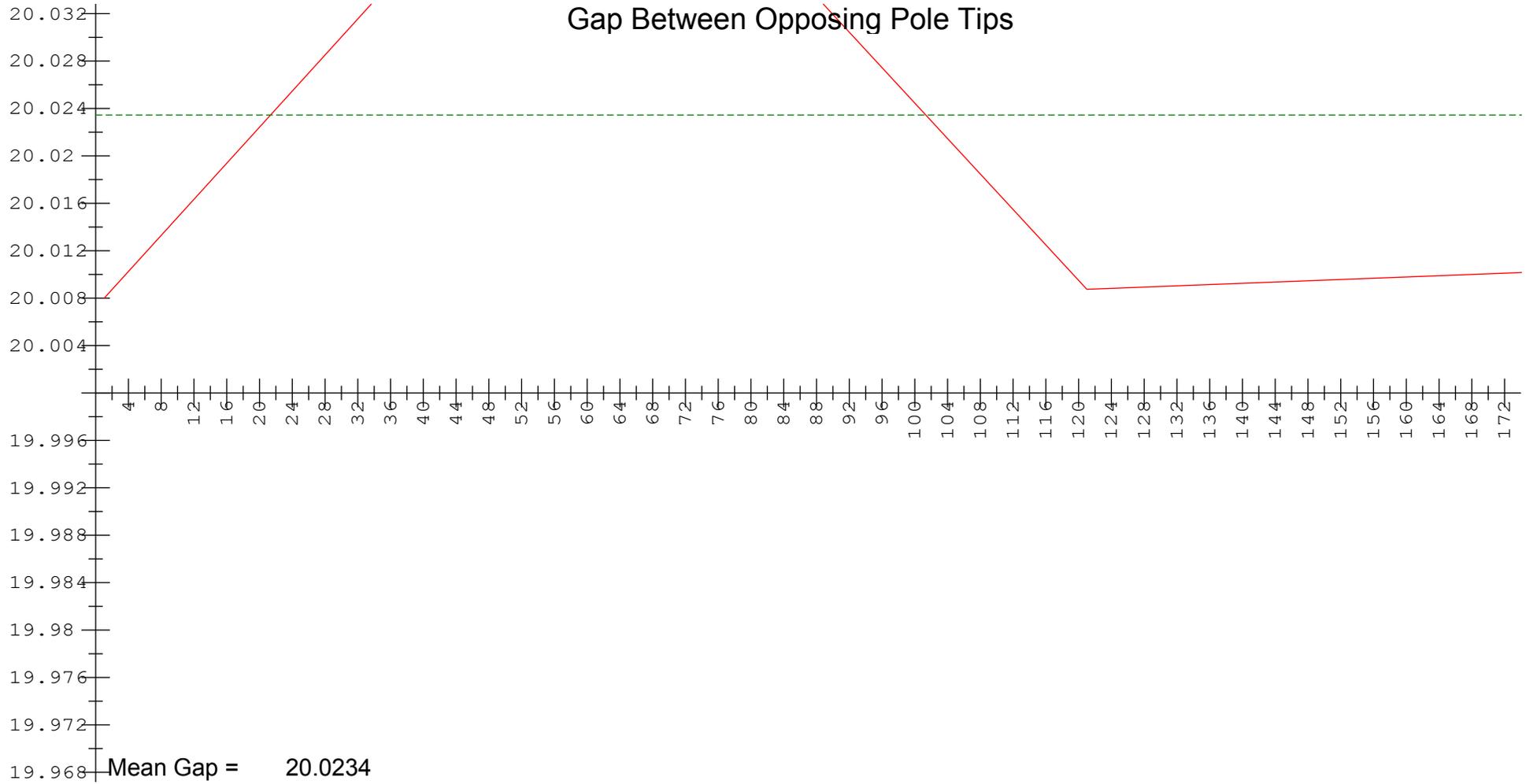


LCLS II - SXR Undulator

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 = 11

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 60

Dimensions in mm

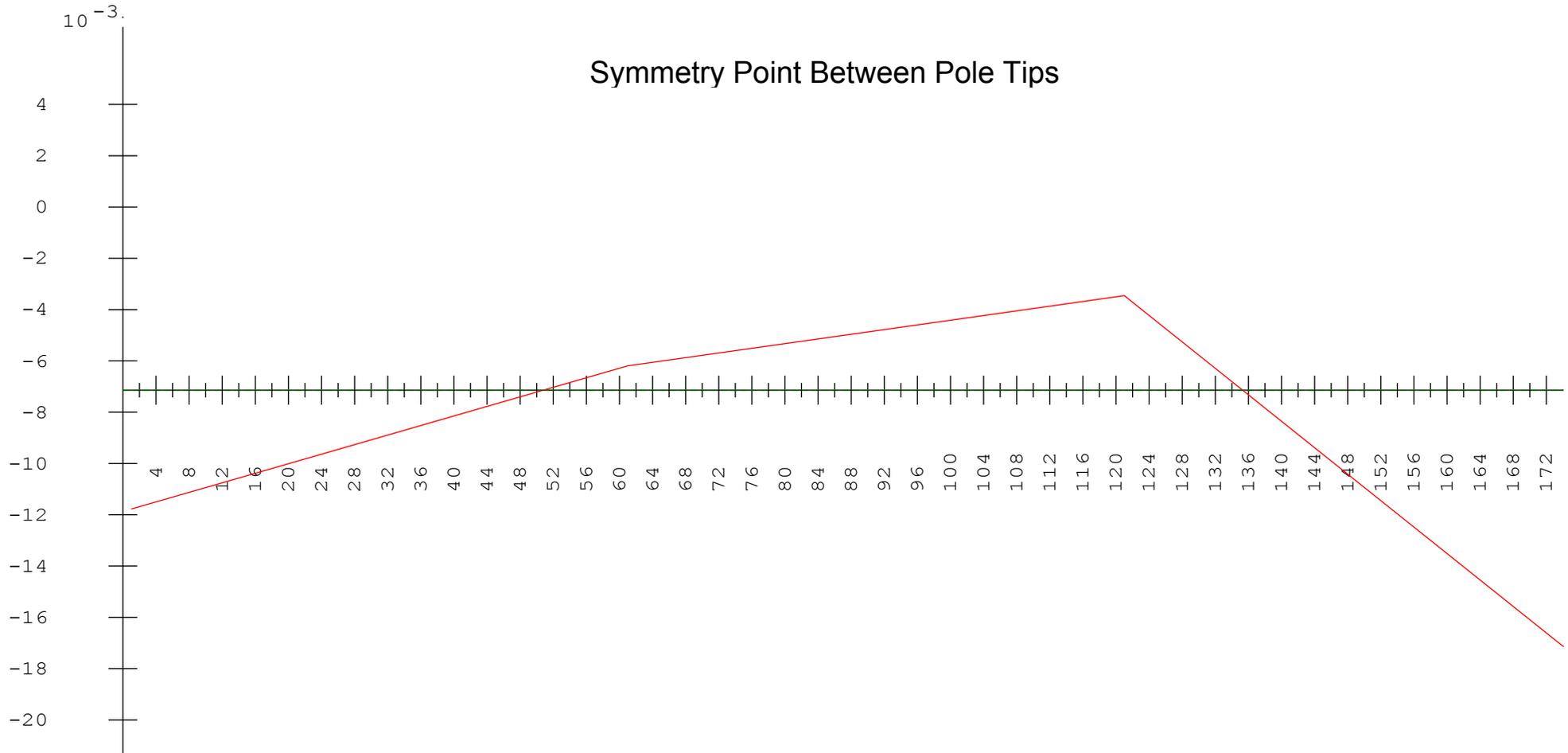


LCLS II - SXR Undulator

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

30-JUL-2019
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 Run = 11

Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0071

Step Between Measured Pole Tips = 60

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

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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	10.0051	10.0031	9.9980	9.9959
Bottom	-10.0207	-10.0203	-10.0192	-10.0187
Gap	20.0258			20.0147
Taper				-0.0111

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
10.0046	-10.0189	20.0234	-0.0071

Additional Calculated Values

Bottom Pole #1 Z Value	980.085
Top Jaw Pitch (mrad)	-0.003
Bottom Jaw Pitch(mrad)	0.001
Minimum Effective Gap	19.996
Reference Block Gap	6.804

Dimensions in mm



LCLS II - SXR Undulator

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