

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

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



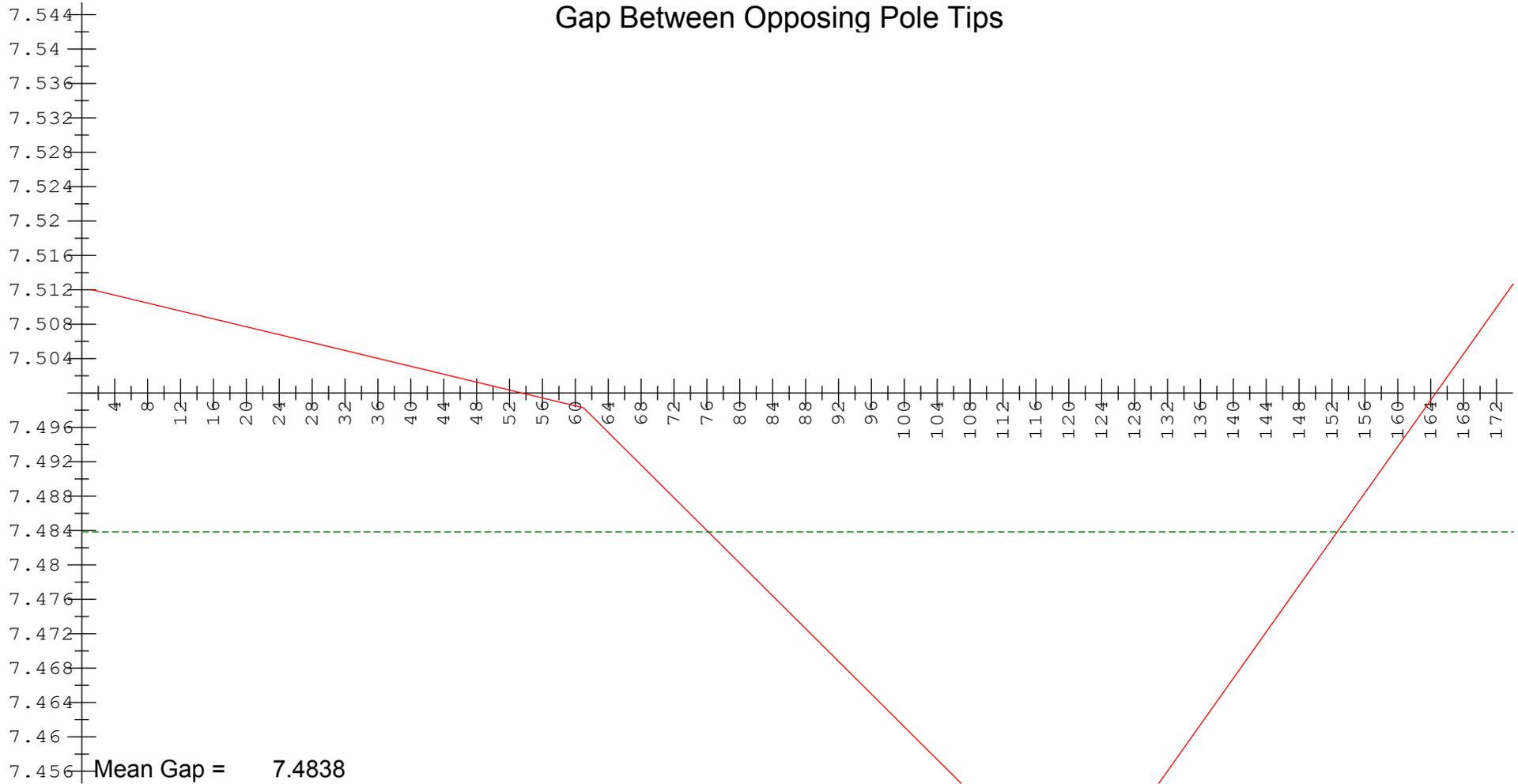
LCLS II - SXR Undulator

Nominal Gap = 7.5 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 = 12

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 60

Dimensions in mm

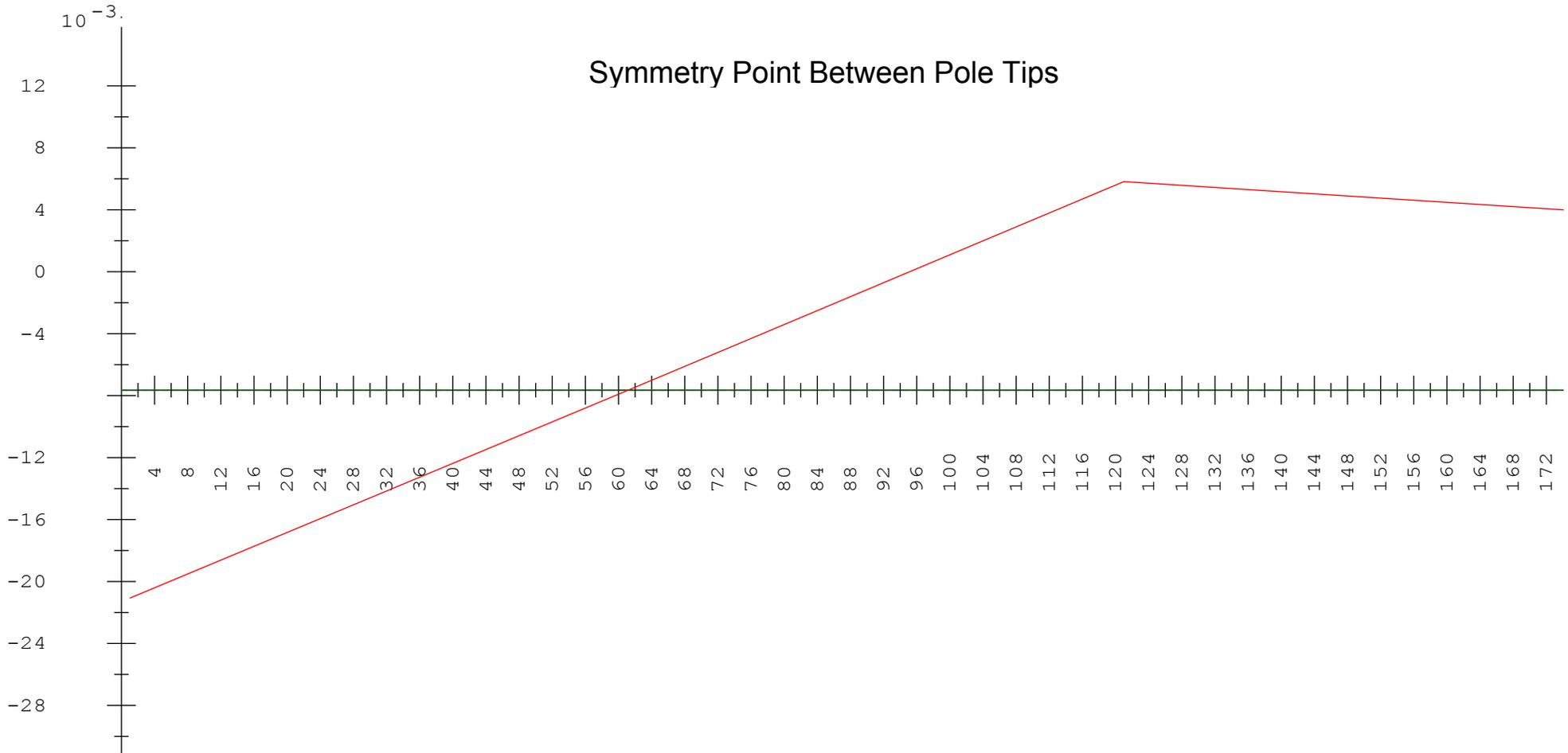


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0076

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	3.7319	3.7357	3.7454	3.7494
Bottom	-3.7687	-3.7608	-3.7407	-3.7325
Gap	7.5006			7.4819
Taper				-0.0187

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
3.7343	-3.7496	7.4838	-0.0076

Additional Calculated Values

Bottom Pole #1 Z Value	980.085
Top Jaw Pitch (mrad)	0.005
Bottom Jaw Pitch(mrad)	0.011
Minimum Effective Gap	7.441
Reference Block Gap	6.804

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