

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 7

Regression Line Through Points = -----

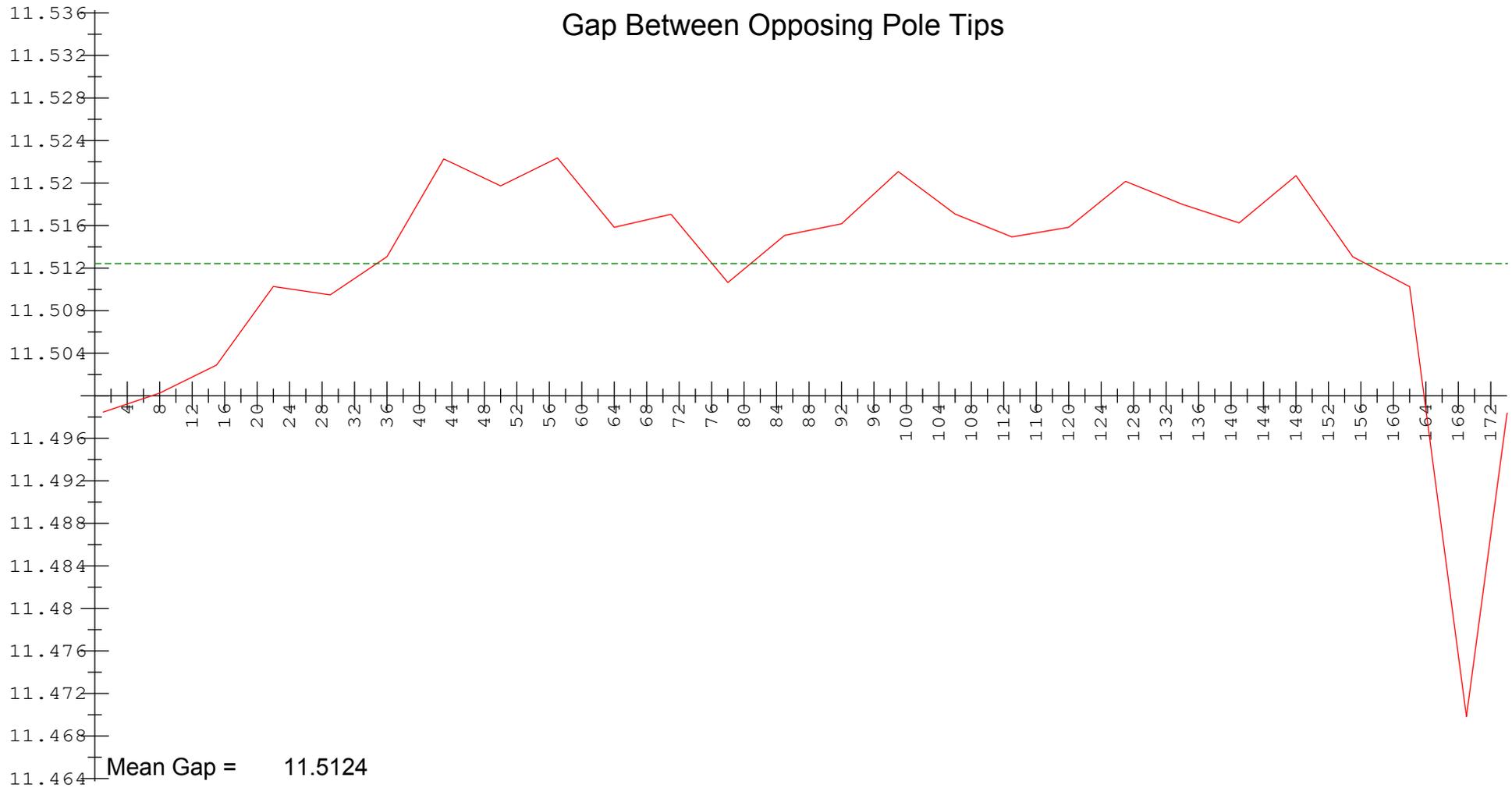
Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 11.5 Nominal Taper = 0.000
 Gap Reading = 11.5000 US Encoder = 11.5000 DS Encoder = 11.5000

19-JUL-2018
 S/N = 013
 D/S = 0001
 Run = 9



Step Between Measured Pole Tips = 7

Dimensions in mm

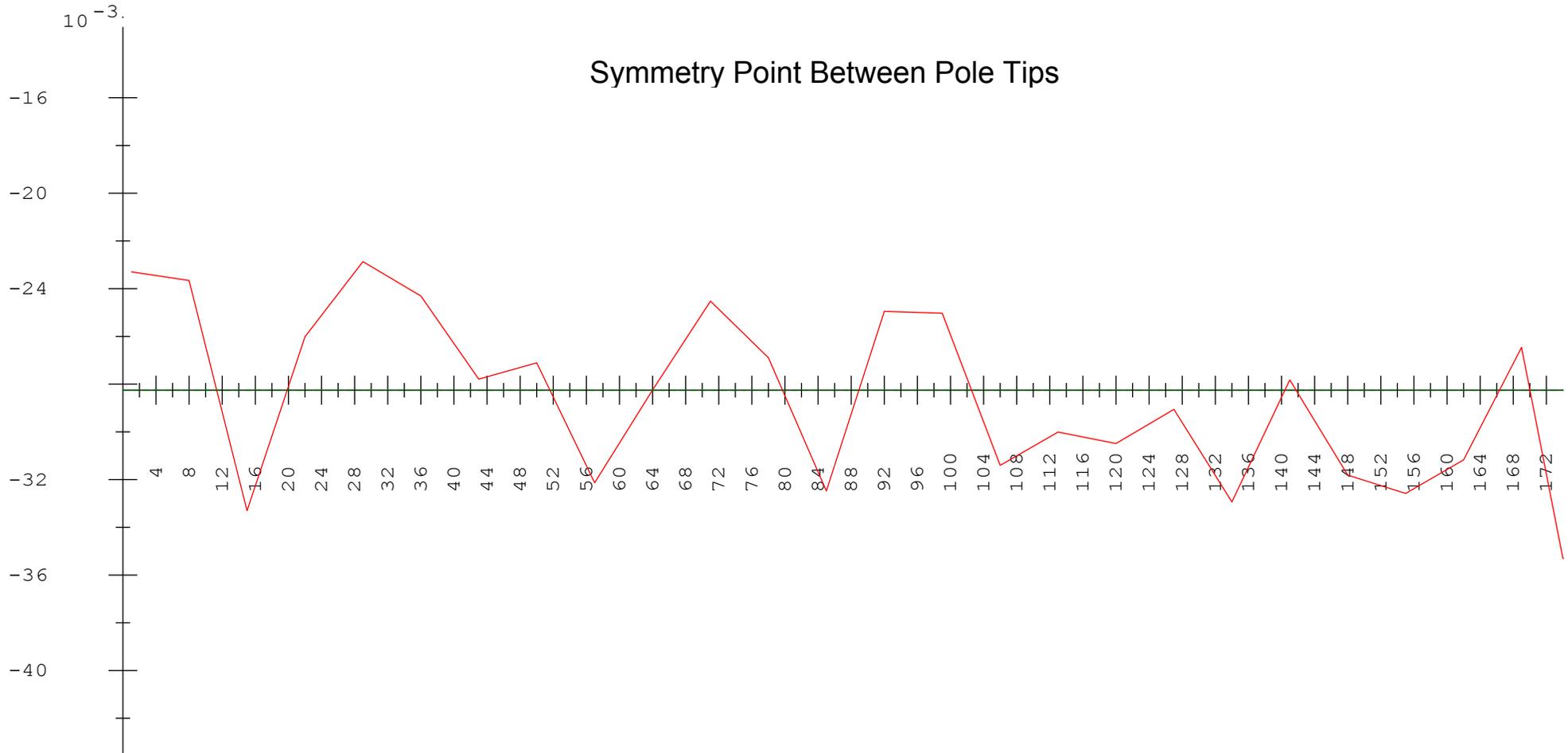


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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.0283

Step Between Measured Pole Tips = 7

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	5.7314	5.7296	5.7253	5.7236
Bottom	-5.7820	-5.7830	-5.7858	-5.7869
Gap	11.5133			11.5105
Taper				-0.0028

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.7280	-5.7845	11.5124	-0.0283

Additional Calculated Values

Bottom Pole #1 Z Value	979.775
Top Jaw Pitch (mrad)	-0.002
Bottom Jaw Pitch(mrad)	-0.001
Minimum Effective Gap	11.470
Reference Block Gap	6.806

Dimensions in mm



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