

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points = -----

Dimensions in mm

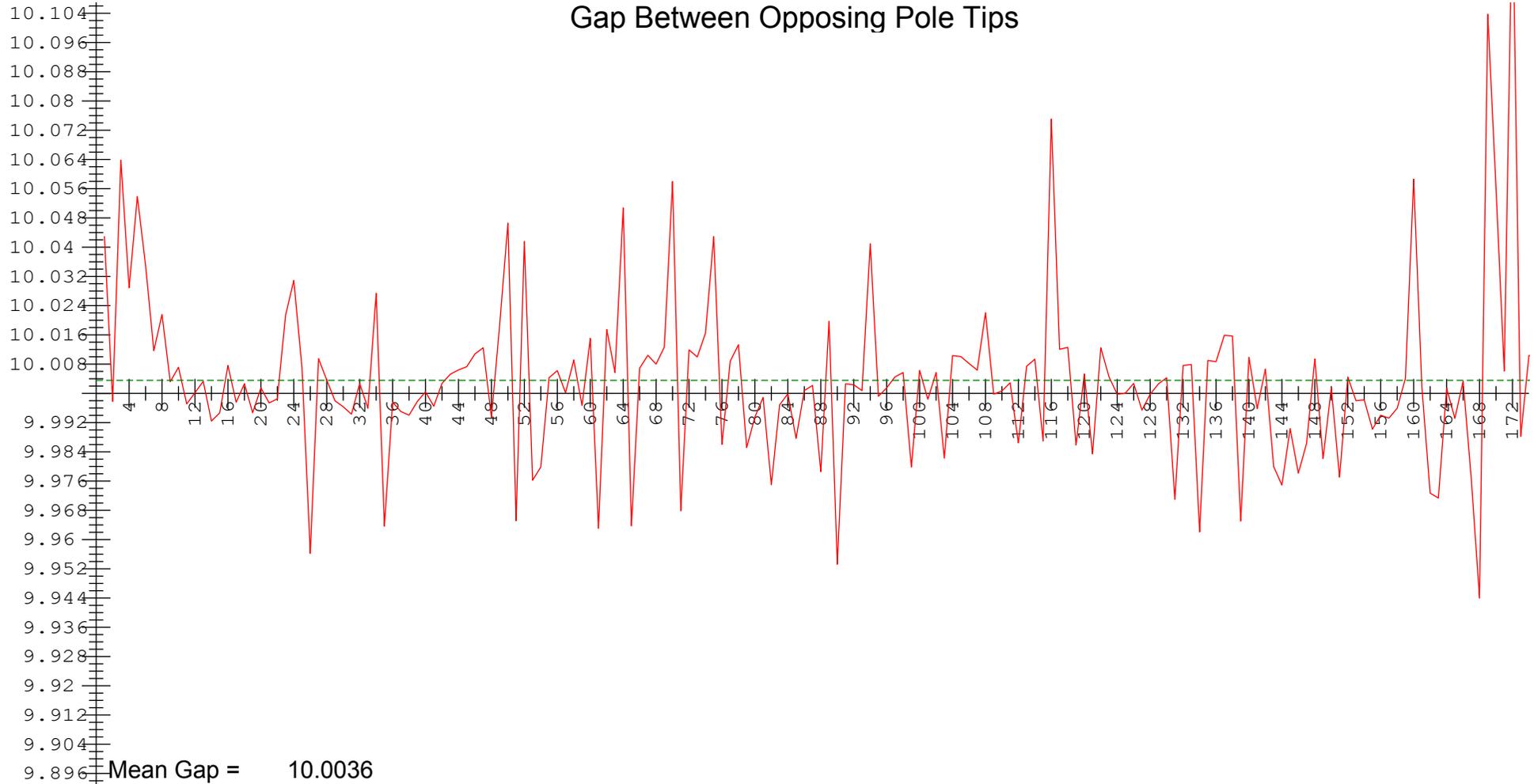


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 10.0000 US Encoder = 10.0000 DS Encoder = 10.0001

16-AUG-2018
 S/N = 011
 D/S = 0002
 Run = 4

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 1

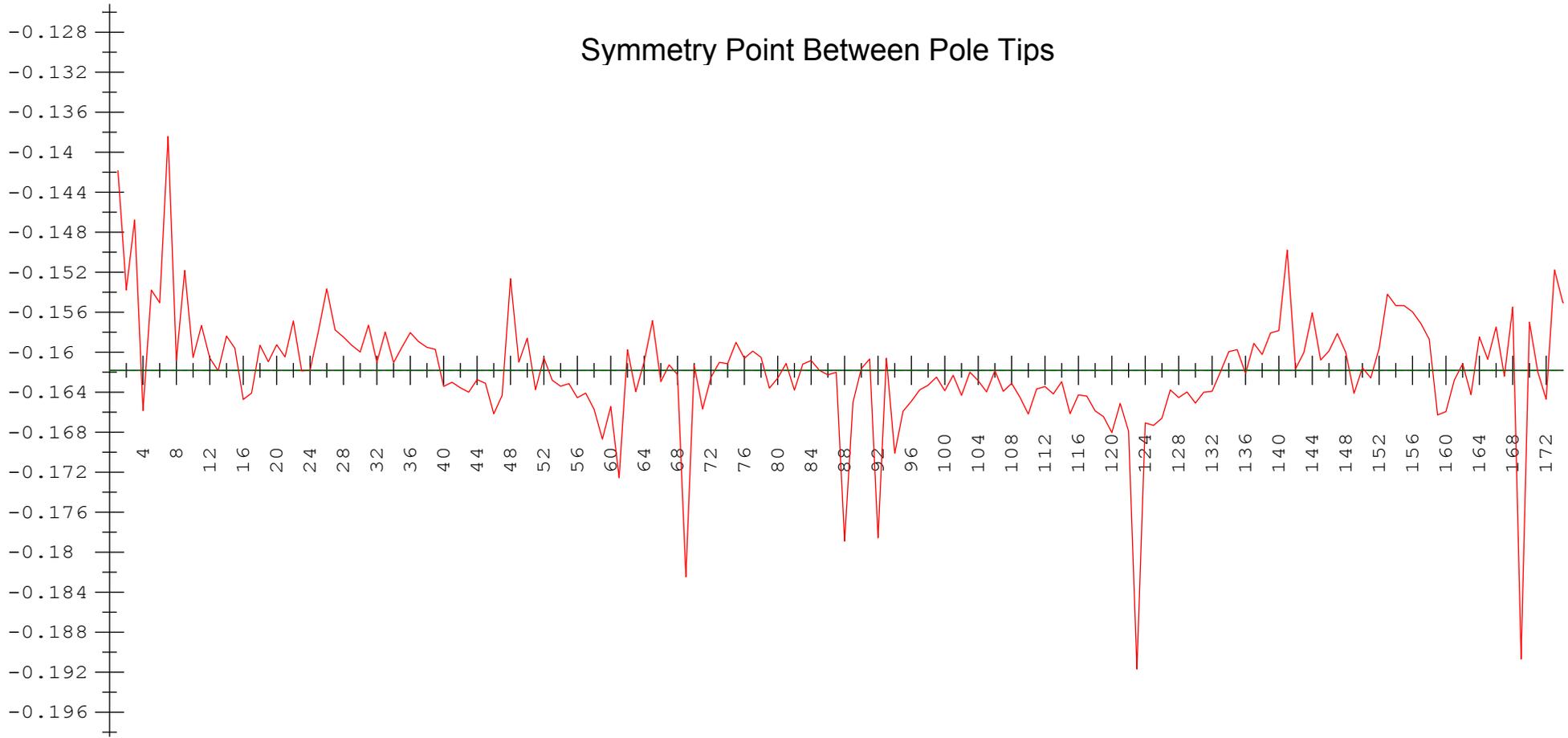
Dimensions in mm



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Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.1618

Step Between Measured Pole Tips = 1

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	4.8433	4.8418	4.8382	4.8367
Bottom	-5.1630	-5.1633	-5.1639	-5.1642
Gap	10.0063			10.0008
Taper				-0.0055

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.8400	-5.1636	10.0036	-0.1618

Additional Calculated Values

Bottom Pole #1 Z Value	979.809
Top Jaw Pitch (mrad)	-0.002
Bottom Jaw Pitch(mrad)	0.000
Minimum Effective Gap	9.936
Reference Block Gap	6.804

Dimensions in mm



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