

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 1

Regression Line Through Points =

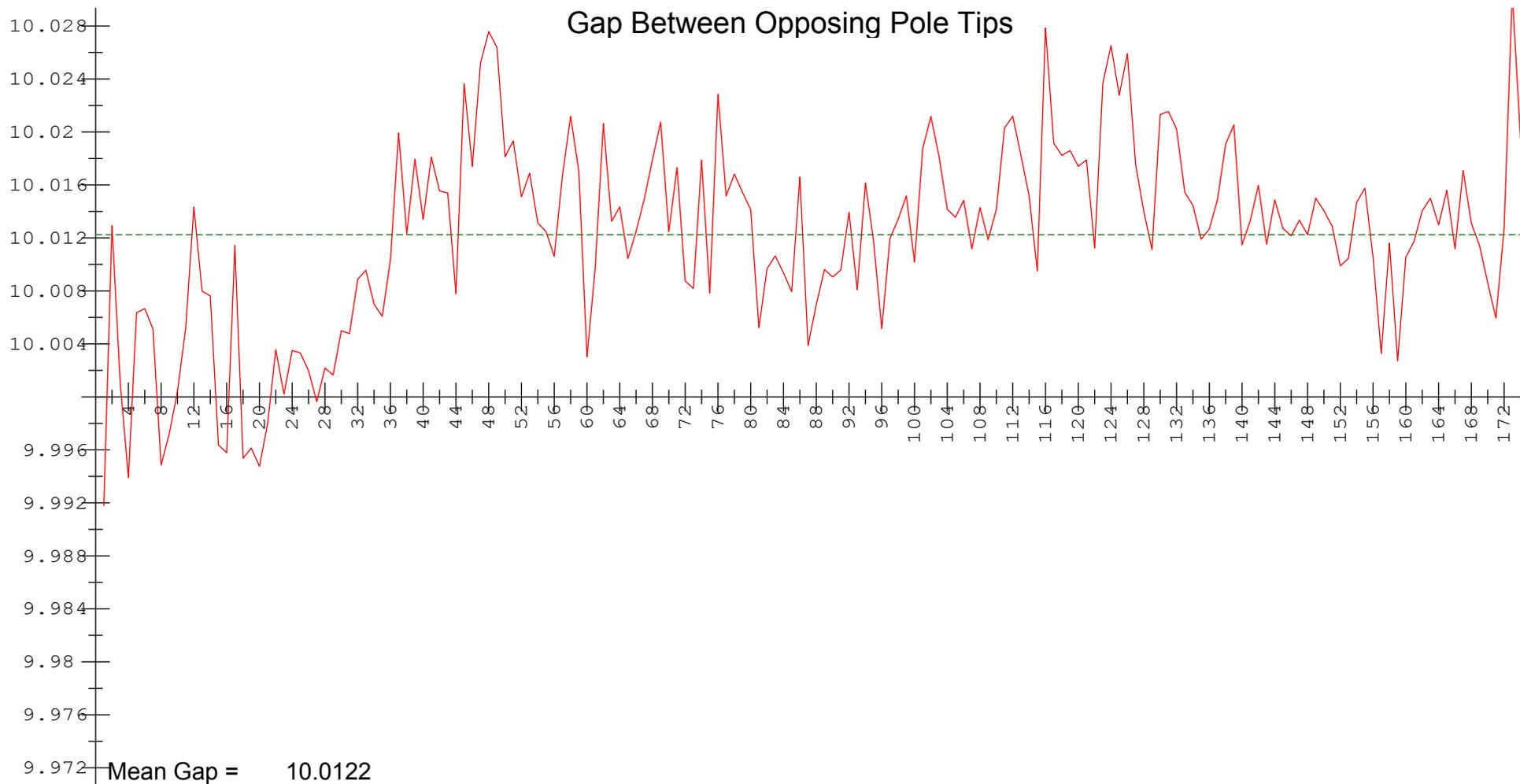
Dimensions in mm



LCLS II - SXR Undulator

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

19-DEC-2018
S/N = 018
D/S = 0001
Run = 14



Step Between Measured Pole Tips = 1

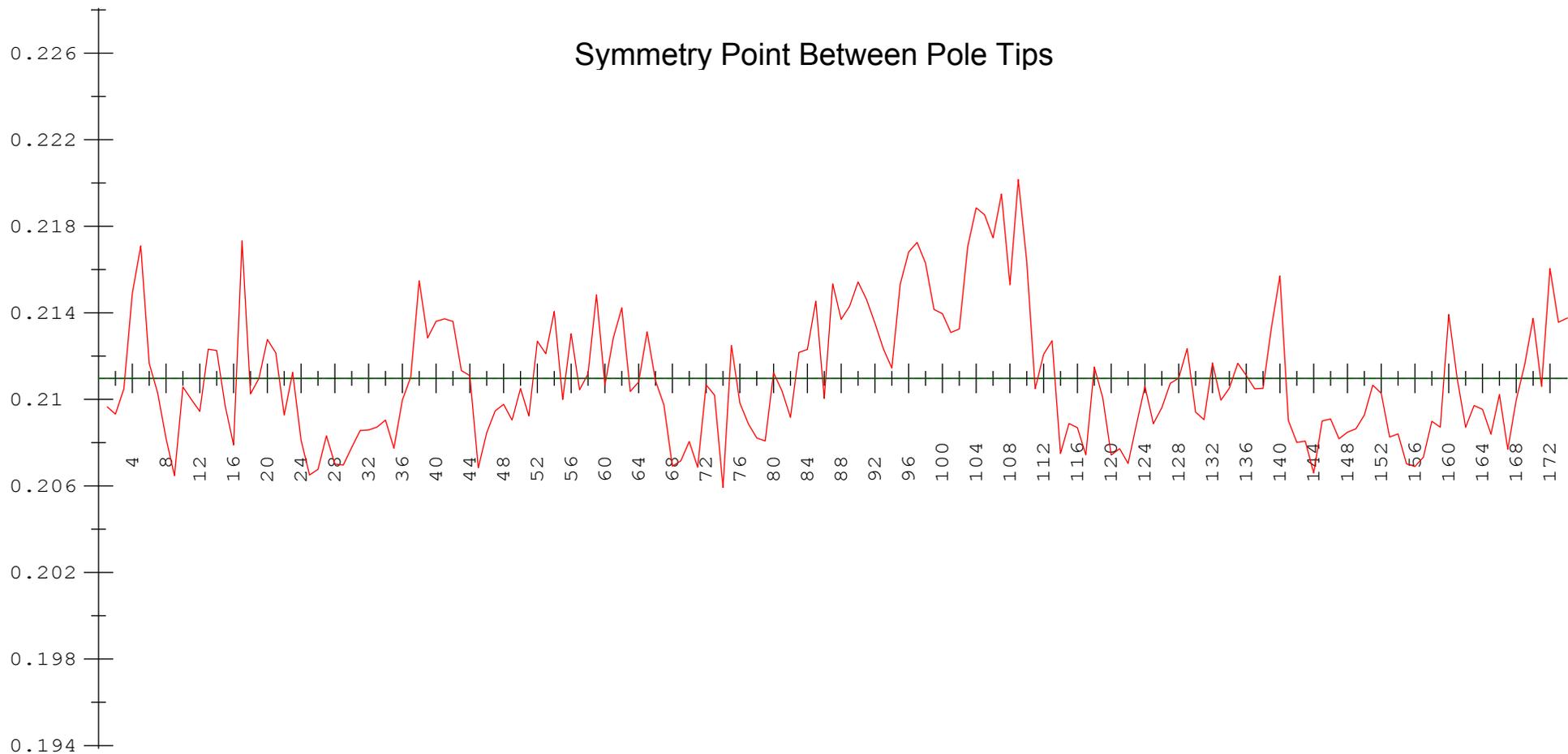
Dimensions in mm



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Mean Symmetry Value = 0.2110

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 | 5.2144 | 5.2156 | 5.2186 | 5.2198 |
| Bottom | -4.7925 | -4.7937 | -4.7966 | -4.7978 |
| Gap | 10.0069 | | | 10.0176 |
| Taper | | | | 0.0107 |

Summary of Mean Values

| Top Jaw Poles | Btm. Jaw Poles | Gap Values | Sym. Pt. Values |
|---------------|----------------|------------|-----------------|
| 5.2171 | -4.7951 | 10.0122 | 0.2110 |

Additional Calculated Values

| | |
|-------------------------------|----------------|
| Bottom Pole #1 Z Value | 980.178 |
| Top Jaw Pitch (mrad) | 0.002 |
| Bottom Jaw Pitch(mrad) | -0.002 |
| Minimum Effective Gap | 9.987 |
| Reference Block Gap | 6.806 |

Dimensions in mm



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