

General

Device PN _____

Lot / Datecode _____

Board Rev _____

Setup ID _____

Mounting pose verified

Isolation / glue applied

Temperature Drift Calibration (-40 ~ 125 °C)

Temp points (check & record):

-40 °C

-20 °C

0 °C

25 °C

60 °C

85 °C

105 °C

125 °C

Allan variance duration (min) _____

Result ID / Screenshot _____

Residual target (°/s) _____

Model: Linear

2nd order

Piecewise

NVM write & verify

Bias Stability / In-run Bias

Warmup time (min) _____

Bias @ 25 °C (°/s) _____

Drift @ 1 h (°/h) _____

Noise Density / Bandwidth

ODR (sps) _____

BW (Hz) _____

Target noise density \leq (°/s/ $\sqrt{\text{Hz}}$) _____

Latency & Loss

End-to-end latency (ms) target _____

Measured _____

Frame loss < 1e-5/h (Pass)

Diagnostics

Power-on BIST

Periodic self-test

CRC / Frame counter active

HIL / Road Validation

Test IDs _____

Dry / Wet / Split / Gravel

Roll-over rig

Sign-off

Engineer _____

QA _____

Date _____