

Keysight Technologies

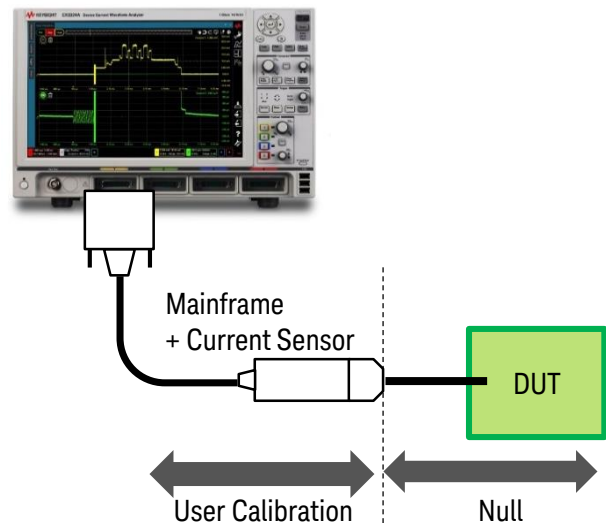
CX3300 Current Waveform Analyzer

Quick Operation Guide

How to minimize the offset current



1. Perform “User Calibration”. The offset current of the current sensor will be minimized.
2. Perform a actual measurement and fix the connection and the CX3300 settings such as the current range.
3. Perform a “Null” measurement.

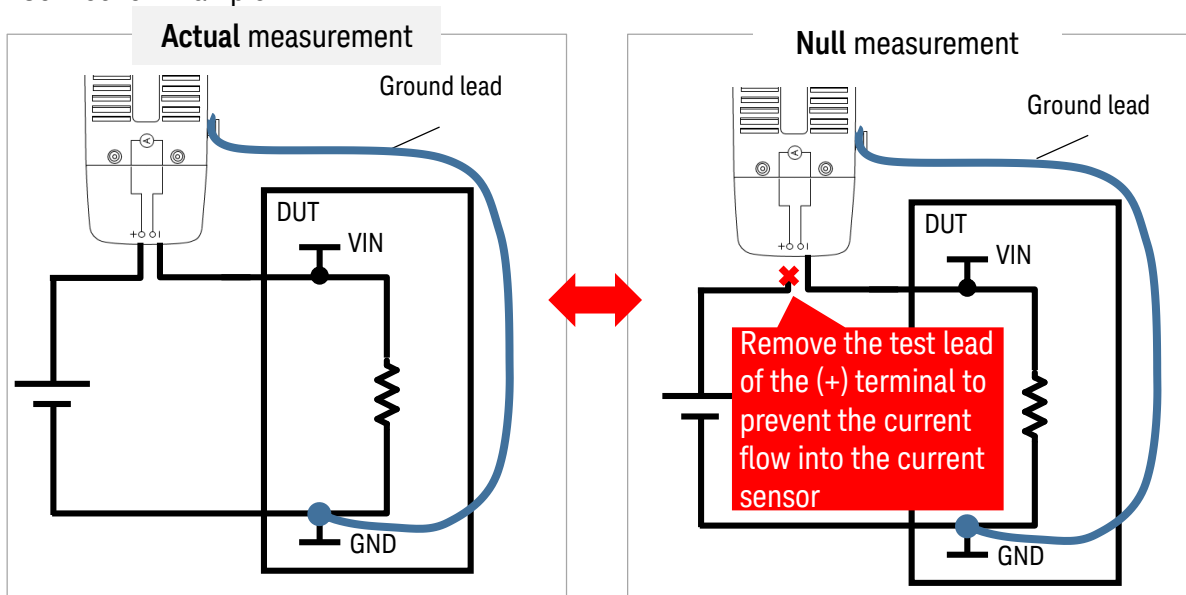


3-1. Make a connection to prevent the current flow into the current sensor.

Note for connection:

- Connect either the (+) or (-) terminal of the current sensor to the stable voltage on the DUT.
- Connect the ground lead to the circuit common of the DUT.

Connection Example



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3-2. Null measurement

1. Click on the Channel summary to open the Channel mini dialog box.
2. Turn "ON" the Null measurement.
3. Press "Measure".

The Null offset is automatically subtracted from the waveform

1 Click

2

3 Measure

The Null indicator turned on.

4. Restore the connection then make an actual measurement again.

Note:

The Null offset is set to zero when:

- The current sensor is disconnected
- The User Calibration is performed
- The CX3300 is closed or turned off.