

10. Input Noise

This test measures the lock-in input noise.

Setup

Connect a 50 Ω termination to the A input. This grounds the input so the lock-in's own noise is measured.

Procedure

- 1) {PRESET} (Turn the lock-in off and on with the [Setup] key pressed)
- 2) Press the keys in the following sequence:
 - [Sensitivity Down]
Set the sensitivity to 100 nV.
 - [Channel 1 Display]
Set the Channel 1 display to X Noise.
- 3) Wait until the reading of Channel 1 stabilizes. Record the value of Channel 1.
- 4) This completes the noise test. Enter the results of this test in the test record at the end of this section.