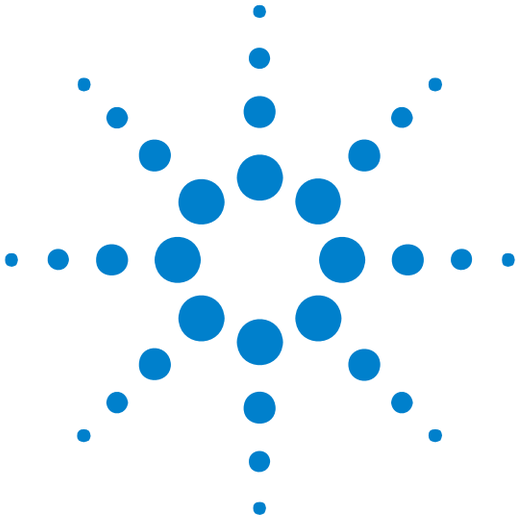

Agilent N9340B
Handheld Spectrum Analyzer

Quick Start Tutorial

Agilent Technologies

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No. 116 Tuo Xin West 1st Street

Hi-Tech Industrial Zone (South)

Chengdu 610041, China

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N9340B at a Glance

Power on your N9340B for the first time

Easy two steps:

1. Install the battery

2. Press the power switch to power on the analyzer

Tip: Fully charge the battery when you use it for the first time. Charge the battery only when it is installed in the analyzer with the AC-DC adapter in the shipment.

Adjusting screen display

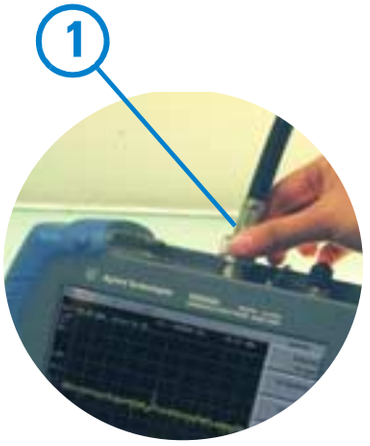
Press **[SYS]** > **{Brightness}** and rotate the knob to adjust the brightness of the screen.

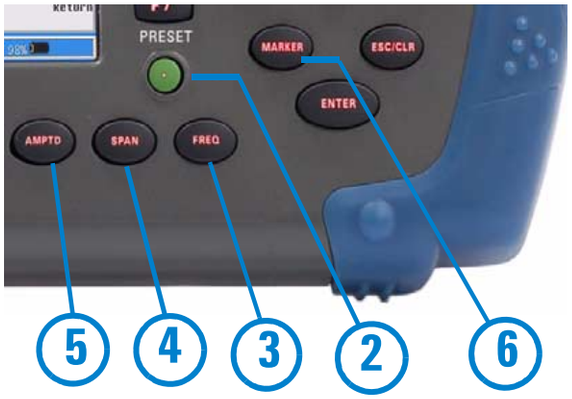
Using soft carrying case

Making a basic measurement

Assume you are going to measure a signal of a frequency of 1 GHz and an amplitude of –10 dBm, refer to the following steps::

1. Connect the cable to the **RF IN** connector.
2. Press **[Preset]** to set the analyzer to its factory default settings.
3. Press **[FREQ] > [1] > {GHz}** to set the center frequency to 1 GHz.
4. Press **[SPAN] > [500] > {MHz}** to set the frequency span to 500 MHz.
5. Press **[AMPTD] > [0] > {dBm}** to set the reference level to 0 dBm.
6. Press **[Marker] > {Peak search}** to place a marker (labeled 1) at the highest peak on the display.





Learn more about making measurements and using power suite from *N9340B User's Guide*.

Saving/Loading a trace

Before saving a trace, you need to identify whether to save the trace into the locale memory of the analyzer or an external USB memory stick by pressing **[SYS] > {File} > {File Setup} > {Save Path}**.

Quick saving a trace

Press **[ESC/CLR] > [SAVE]** to quick save the current trace into the designated memory **(Local/USB)**, with a given file name HYTRACE. DAT. The subsequent saved trace will be automatically assigned with associated file name, such as HYTRACE_1.DAT, HYTRACE_2.DAT.

Loading a trace

1. Press **[SYS] > {File} > {View}** to identify a memory where a trace will be recalled.
2. Press **[SYS] > {File} > {File Setup} > {File Type}** to select the Trace file.
3. Rotate the knob to select a trace (*.DAT), then press **{Load Now}** to load the trace immediately.

Refer to *N9340B User's Guide* for more information about the managing the file types, such as:

- Trace (*.DAT)
- Screen (*.JPG)
- State (*.STA)
- Limit Pattern (*.PTN)
- Spectrum Mask (*.MSK)
- System Setup (*.SET)

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