Finally... Simpler, Lower-Cost Power Measurements

with the U2000 Series USB power sensors

- Measures power without a power meter
- Connects quickly and easily with USB 2.0
- Performs zeroing without disconnecting from device-under-test (DUT)
- Eases monitoring and troubleshooting with feature-packed software
- Performs accurate power measurements with other instruments

Now comes in five higher power models up to +44 dBm

Go light, go fast, go meter-less...   ...without sacrificing performance

Agilent U2000 Series USB power sensors

In any power measurement, you'd normally need a power sensor and a power meter. Not so with the U2000 Series of power sensors. These standalone USB power sensors enable simpler, more affordable yet high power measurements — without a power meter. The U2000 Series sensors make accurate average power measurements with 9 kHz to 24 GHz frequency measurement range and -60 dBm to +44 dBm power measurement range. Each sensor stands out as a lower-cost and more portable solution compared to a power meter or any other similar power-sensing solution. With its USB interface, power measurement set up is so much easier and faster. With these capabilities, the U2000 series is an ideal power measurement solution for basestations testing/maintenance and wireless components testing.

Small and lightweight build

LED indicator for PC communication

Secure locking mechanism

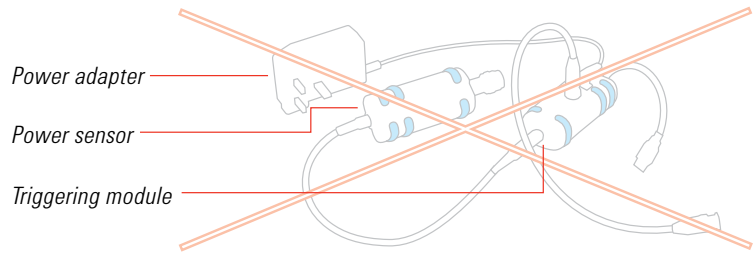*Built-in triggering port for synchronization with external instruments or events*

USB 2.0-compliant cable for connection to PC or other instruments

Measures power without a power meter

- Travel light carrying only a sensor
- Save space without a bulky power meter
- Be on-the-go without external power adapters or triggering modules

Power adapter

Power sensor

Triggering module

Complicated setup of other solutions

Connects quickly and easily with USB 2.0

Start making measurements sooner with the fast, easy set up of USB

Performs zeroing without disconnecting from device-under-test (DUT)

Now, with the sensor's internal zeroing capability, you don't need to power-off the DUT or disconnect your sensor when calibrating.

- Reduce test time
- Get more accurate calibration
- Reduce wear-and-tear of sensor

Conventional power sensor calibration

Eases monitoring and troubleshooting with feature-packed software

N1918A Power Analysis Manager consists of the basic version (Power Panel) and advanced version (Power Analyzer) to expand the functionality of USB power sensor (U2000-series), P-Series power meters (N1911/12A) and P-Series modular power meter (N8262A). The combination of this software and the USB power sensors provides easy-to-use graphical user interface for the following features:

- Time-gated capability for RF burst signal measurement
- View numerical, analog and multi-list displays
- View multiple channels operation in one screen (>20 channels)
- Set limits and alerts for multiple channels monitoring
- Record and store data for easy troubleshooting

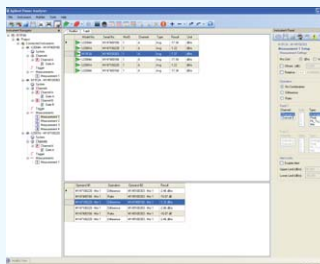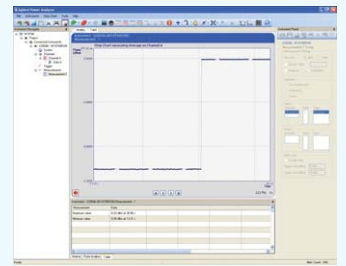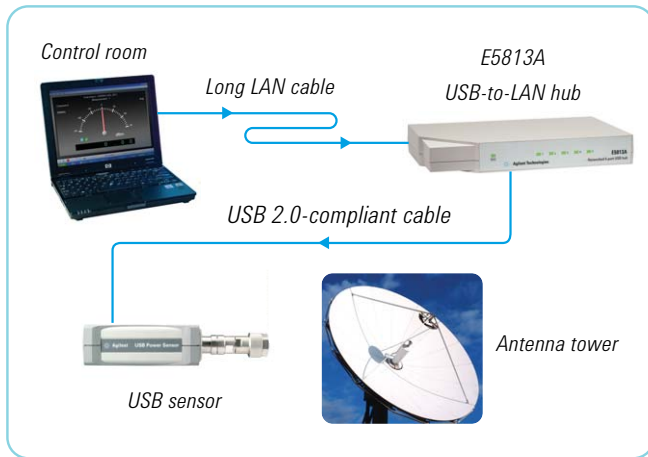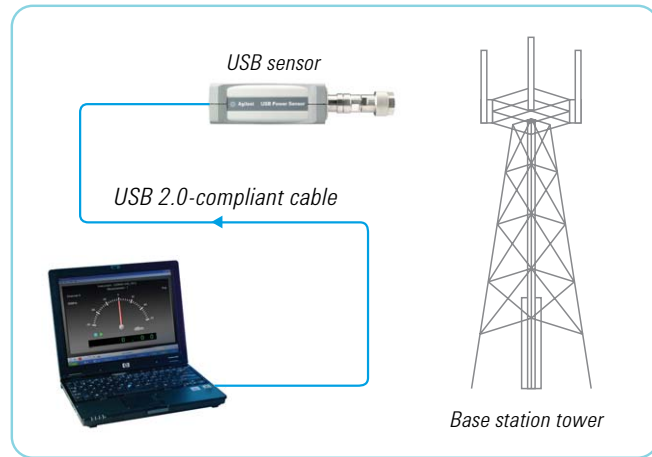## Add power measurements to other instruments

Sometimes you may want to perform accurate average power measurements with an Agilent network analyzer or spectrum analyzer. You could literally have a power meter next to you—or instead, turn select Agilent instruments into power meters with the U2000 Series. Even with the U2000 connected, you can switch between power measurements and the instrument's original function at any time.

Perform antenna testing — across long distances

Control room

Long LAN cable

E5813A
USB-to-LAN hub

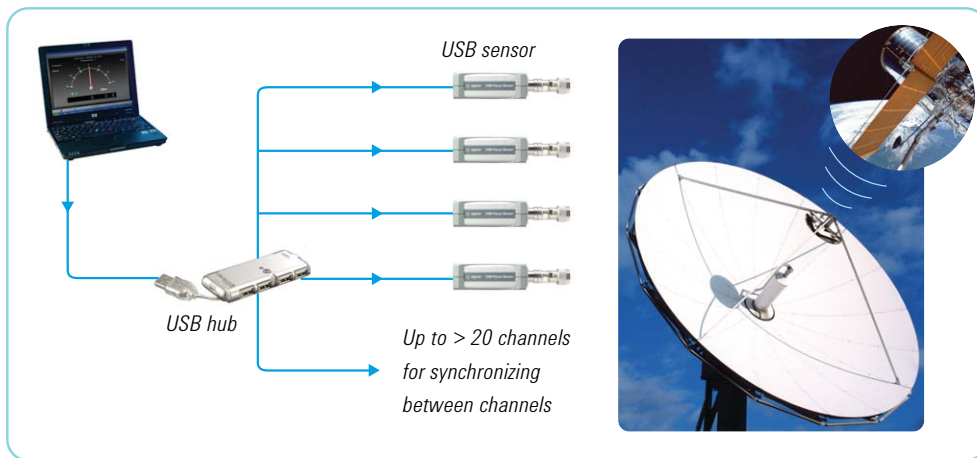USB 2.0-compliant cable

USB sensor

Antenna tower

- Simple to set up
- Hassle-free calibration with internal zeroing
- Perform multiple channel (>20) measurements across long distances with USB-to-LAN hubs

Perform base station testing — without the usual bulkiness

USB sensor

USB 2.0-compliant cable

Base station tower

- Simple to set up
- Lightweight and small
- Easy deployment to anywhere

Perform satellite receiver testing – using only one PC to control multiple sensors

USB sensor

USB hub

Up to > 20 channels
for synchronizing
between channels

- Lower cost than a power meter
- Multiple sensor connections with USB hubs
- Easy monitoring of multiple channels in one window
- Without using multiple power meters

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contact us	Dial **800 829 4444** if you're in the United States. For your local contact, visit www.agilent.com/find/contactus
view online demo	Watch U2000 Series interactive product showcase at www.agilent.com/find/usbsensordemo
more information	Specifications, data sheet and more at www.agilent.com/find/usbsensor
get quick quote	At www.agilent.com/find/quotation, select your instrument and click. We will email you a formal quotation in just 2 minutes.
	Check out our other power meters and sensors at www.agilent.com/find/powermeters

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