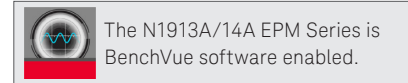
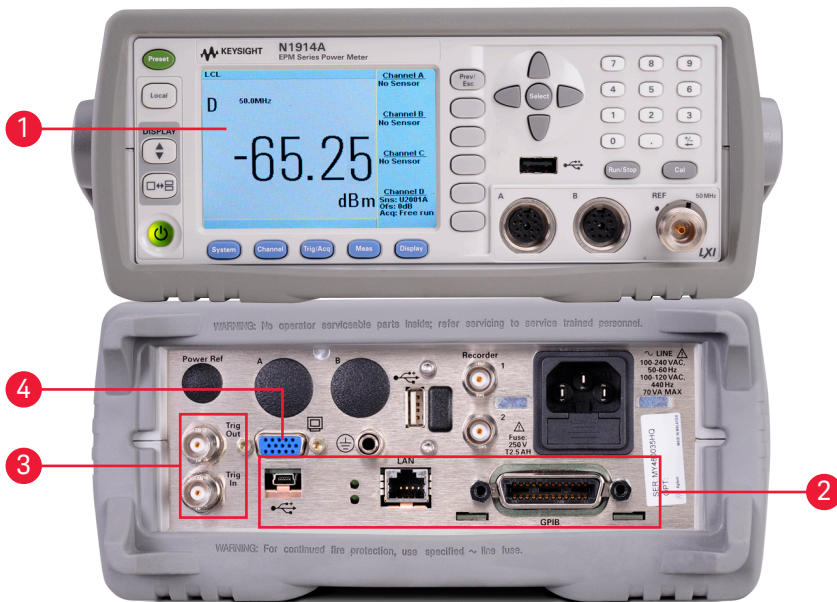


# Keysight N1913A and N1914A EPM Series Power Meters



## Replacing the Keysight E4418B/19B EPM Series with useful enhancements at a similar price

The N1913A/14A EPM Series power meters are versatile, user-friendly solutions for average power measurements on one, two or four channels. They deliver fast, repeatable, reliable results for applications in aerospace/defense, wireless, general electronics, and more.



1. View test results more easily with the industry's first high-resolution color LCD in an average power meter.
2. Go beyond GPIB with USB and LAN/LXI-C interface.
3. Automate frequency/power sweep measurements with the optional external trigger IN/OUT feature.
4. Enhance manufacturing test by connecting a large external monitor with the unique VGA output option.

### Improved measurement speed: Up to 400 readings/s



Get up to four <sup>1</sup> channels to speed and simplify RF average power measurements



Confirm battery power with a single-button push <sup>2</sup> – and get extra operation time with the optional spare battery



Easily replace existing 436A, 437B and 438A with optional 43x code compatibility <sup>3</sup>.

1. The N1913A and N1914A comes with one and two channels respectively. Two optional USB channels are available (see Ordering Information)
2. Only available on meters with battery option
3. N1913A is backward compatible with the 436A and 437B while N1914A is compatible with 438A

## Ordering information

Model	Description
N1913A	Single-channel average power meter
N1914A	Dual-channel average power meter
N191xA-201	Single/dual-channel average power meter with VGA, trigger in/out, 1 front and 1 rear USB port
N191xA-B01	Without battery
N191xA-B02	With battery
N191xA-C01	Front calibrator, front sensor
N191xA-C02	Front calibrator, parallel front and rear sensor
N191xA-C03	Rear calibrator, parallel front and rear sensor
N1913A-200	Code compatibility for 436A and 437B
N1914A-200	Code compatibility for 438A

## Each unit is shipped with

- 11730A power sensor cable: 1.5 m/5 ft (one cable for N1913A, two cables for N1914A)
- Power cord
- USB adaptor cable
- Standard calibration certificate
- Users, Installation and Programming guide (English version) and Users guide (Japanese version) in CD-ROM
- Keysight Instrument Control DVD (contains IO Libraries Suite, Command Expert and BenchVue software)
- Standard 3-years, return-to-Keysight warranty and service plan

### Three-Year Warranty

[www.keysight.com/find/ThreeYearWarranty](http://www.keysight.com/find/ThreeYearWarranty)

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.

### Keysight Assurance Plans

[www.keysight.com/find/AssurancePlans](http://www.keysight.com/find/AssurancePlans)

Up to ten years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

## Essential specifications

- Frequency range: 9 kHz to 110 GHz
- Power range: –70 dBm to +44 dBm (100 pW to 25 W, depending on the attached power sensor)
- Measurement speed: Up to 400 readings/sec with E-Series sensors
- Absolute accuracy:  $\pm 0.02$  dB logarithmic,  $\pm 0.5$  % linear
- Relative accuracy:  $\pm 0.04$  dB logarithmic,  $\pm 1$  % linear

## Compatible power sensors



U2000 Series USB power sensors  
– 9 kHz to 24 GHz  
– –60 dBm to +44 dBm



E4410 & E9300 E-Series power sensors  
– 9 kHz to 26.5 GHz  
– –70 dBm to +44 dBm



N8480 Series thermocouple power sensors  
– 100 kHz to 50 GHz  
– –35 dBm to +44 dBm



848xD Series/V8486A/W8486A diode power sensors  
– 10 MHz to 110 GHz  
– –70 dBm to +20 dBm

## Optional accessories

Cables	
11730A	Power sensor cable: 1.5 m/5 ft
11730B	Power sensor cable: 3.0 m/10 ft
11730C	Power sensor cable: 6.1 m/20 ft
11730D	Power sensor cable: 15.2 m/50 ft
11730E	Power sensor cable: 30.5 m/100 ft
11730F	Power sensor cable: 61 m/200 ft
Other accessories	
34131A	Transit case
34141A	Soft carrying case
34161A	Accessory pouch
N191xA-300	Spare battery pack
N191xA-908	Rackmount kit (one instrument)
N191xA-909	Rackmount kit (two instruments)
Software	
BV0007A	BenchVue Power Meter Pro App license
Warranty	
Select coverage	
Included	3-year warranty (return to Keysight), standard
R-51B-001-5Z	5-year warranty assurance plan (return to Keysight): Priority warranty service includes one-time coverage for an EOS/ESD failure
Calibration	
Select Keysight calibration plan	
R-50C-011-3	3-year calibration assurance plan (return to Keysight): Priority calibration service covering all calibration costs for 3 years; 15% cheaper than buying stand-alone calibrations
R-50C-011-5	5-year calibration assurance plan (return to Keysight): Priority calibration service covering all calibration costs for 5 years; 20% cheaper than buying stand-alone calibrations
GPIB products	
82357B	USB/GPIB converter
10833x	GPIB cables

