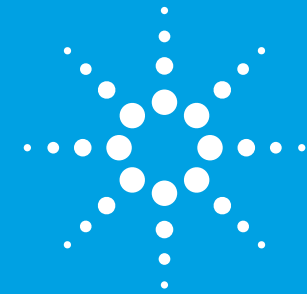


## WHY CHANGE?

# Top 3 Reasons to Upgrade to the NEW 8990B Peak Power Analyzer\*

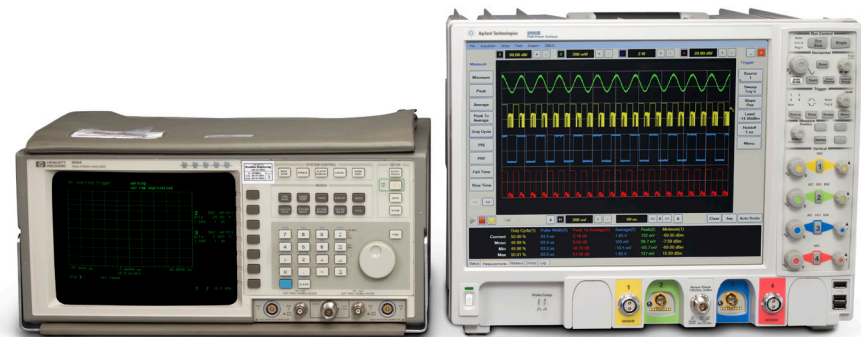
\*If you currently own a Boonton 4500B, HP 8990A, HP 8991A, Agilent N1911A or Agilent N1912A  
Trade-In ID#: T-WW-WC-003

PREMIUM  
TRADE-IN  
SOLUTIONS



## TOP 3 REASONS TO UPGRADE

1. **CREATE HIGH-PERFORMANCE DESIGNS AND GET DEVICES TO MARKET FASTER.**
2. **REDUCE LEARNING AND FAMILIARIZATION TIME, SETUP TIME AND INVESTMENT.**
3. **GET THE GREATEST IMPACT FOR YOUR CAPITAL EXPENDITURE.**



Verify design problems quickly and manipulate data directly on the 15" XGA color display, which comes with touch screen capability.

## 1. CREATE HIGH-PERFORMANCE DESIGNS AND GET DEVICES TO MARKET FASTER.

We can help you:

### ■ Measure short radar pulses accurately.

- The 8990B system rise/fall time of 5 nsec is 2 nsec faster than the Boonton 4500B time and 8 nsec faster than the Agilent N1911/2A time.
- The 8990B is twice as accurate as the Boonton 4500B, with a rise-time error of 10% at 10 nsec compared to 20% at 10 nsec.

- The 8990B system rise/fall time of 5 nsec (-20 to +20 dBm) provides an additional 20 dBm power range over the HP 8990/1A rise/fall time of 5 nsec (0 to +20) dBm.
- The 8990B tests 15 pulse measurement parameters, compared to 10 for the Agilent N1911/2A, providing better test coverage.

### ■ Achieve higher resolution in trace display and faster measurement speed.

- The 8990B sampling rate of 100 MSa/s is twice that of the Boonton 4500B at 50 MSa/s.
- The 8990B single-shot video bandwidth of 30 MHz is 30X better than the HP 8990/1A single-shot video bandwidth of 1 MHz. Also the 8990B repetitive video bandwidth is 150 MHz compared to none for the Agilent N1911/2A.
- The 8990B features automated delay measurement capability, which the N1911/2A does not provide.

Anticipate — Accelerate — Achieve



Agilent Technologies

# REFRESH YOUR TECHNOLOGY AT A LOWER COST

PREMIUM  
TRADE-IN  
SOLUTIONS

## 2. REDUCE LEARNING AND FAMILIARIZATION TIME, SETUP TIME AND INVESTMENT.

We can help you:

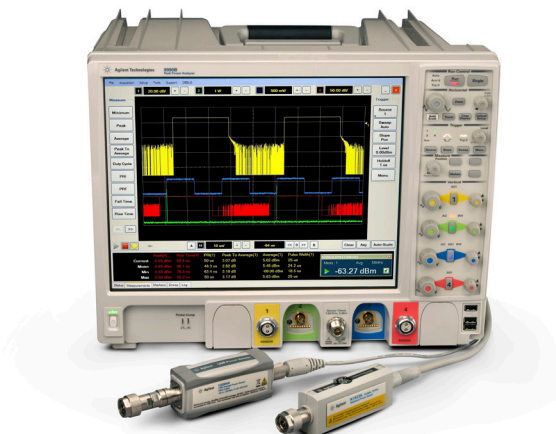
- **View your measurements more easily.**
  - The Agilent 8990B features a large 15" color touch screen display, compared to the Boonton 4500B 8.4" display, Agilent N1911/2A 3.5" color display and HP 8990/1A 9" monochrome display.
- **Eliminate inaccurate readings and calibrate the sensor before usage.**
  - The Agilent 8990B provides automatic zeroing and calibration for the sensor, as opposed to manual zeroing and calibration on the Boonton 4500B and HP 8990/1A.
- **Monitor the reflective signal using a USB sensor and make measurements using a P-series sensor.**
  - The Agilent 8990B includes an RF channel that uses a USB sensor to monitor the reflective signal and can also use a P-series sensor for measurements. The Boonton 4500B and HP 8990/1A cannot connect to USB sensors.
- **Get fast answers to all your questions.**
  - The Agilent 8990B and N1923A/24A sensors include full support by phone and email. The HP 8990/1A and 8481xA sensors are obsolete and support is not available.

## 3. GET THE GREATEST IMPACT FOR YOUR CAPITAL EXPENDITURE.

Until 31 December 2012, upgrade to the new Agilent 8990B peak power analyzer and get a credit worth up to 10%.

Trade-In model	Maximum Trade-In credit**
■ Agilent-HP 8990A, 8991A	10%
■ Agilent N1911A, N1912A	
■ Boonton 4500B	

\*\* Credit values are approximate and vary by currency. Contact your Agilent sales representative to find out how much you can save.



Get a total package for peak power analysis with the 8990B peak power analyzer, dedicated N1923A and N1924A wideband power sensors and U2000 series USB sensor.



Replace your legacy HP 8990A power meter with the new Agilent 8990B peak power analyzer.

### Upgrade TODAY

This Trade-In deal expires 31 December 2012. To trade, contact your Agilent sales representative or visit us online at [www.agilent.com/find/trade-8990B](http://www.agilent.com/find/trade-8990B).

Restrictions prohibit or limit this program in some countries. Contact your Agilent sales representative for more information. Product specifications and descriptions, model eligibility and potential credits are all subject to change without notice. [www.agilent.com](http://www.agilent.com)

© Agilent Technologies, Inc. 2012 Printed in USA, March 7, 2012 5990-8242EN

[WWW.AGILENT.COM/FIND/TRADE](http://WWW.AGILENT.COM/FIND/TRADE)



Agilent Technologies