

Industry's First 802.11ac WLAN Signal Analysis Tools

Support of 256QAM, 160 MHz Signals

Gain greater insight
into your next-generation
802.11ac WLAN chips
and devices



See through the complexity with the industry's most powerful signal analysis platform.

The 89600B vector signal analysis (VSA) software configured with 802.11ac options enables you to view and troubleshoot the breadth of 802.11ac formats, regardless of the format implemented.

- Support of all signal bandwidths, including 20, 40, 80 and 160 MHz. (160 MHz in both contiguous and non-contiguous modes).
- Support of all 802.11ac modulation formats, from BPSK up to 256QAM.
- Support for up to 4X4 MIMO.
- Demodulate 802.11ac specific 256QAM signals.

View key 802.11ac MIMO parameters such as channel matrix and frequency response for up to 4 transmit streams simultaneously

See the why behind signal interactions with advanced troubleshooting tools

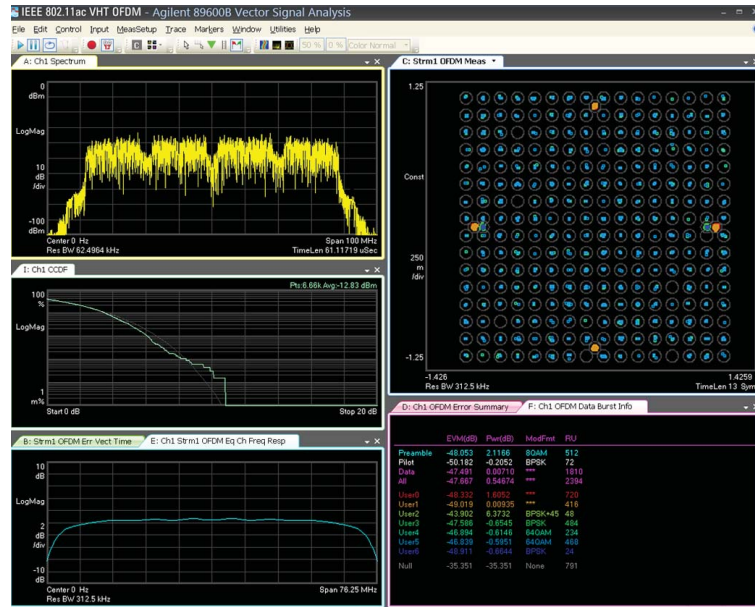
- Powerful analysis tools to quickly verify, optimize and troubleshoot your new designs.
- Proven measurement algorithms and display types.
- More insights with signal quality metrics, such as power, EVM, frequency response.
- MIMO analysis capability: RF metrics for each transmit stream, cross-channel results including channel response matrix.
- Decoding and display of key data fields, such as SIG symbols for legacy, HT and VHT.
- Statistical measurements such as CCDF provide power profiles of unformatted signals for characterization.
- For more information about 802.11ac, visit: www.agilent.com/find/802.11ac



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Move up to the enhanced capabilities of the 89600B VSA software

- Gain greater insight by viewing up to 20 traces simultaneously, each with 20 markers, using any combination of measurements with the new 20:20 displays.
- Meet your signal format needs: supports more than 70 different signal standards and modulation types.
- Test anywhere in your block diagram from baseband to IF to RF: Works with more than 30 models of signal and spectrum analyzers, scopes, logic analyzers.
- Ability to connect to MATLAB and ADS software for additional/customized analysis.



For more information about 89600B VSA software visit:

www.agilent.com/find/89600B

www.agilent.com

For more information on Agilent Technologies' products, applications or services, please contact your local Agilent office. The complete list is available at:

www.agilent.com/find/contactus

Use flexible displays to show key signal and modulation quality metrics at a single glance

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Canada	(877) 894 4414
Brazil	(11) 4197 3500
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United States	(800) 829 4444

Asia Pacific

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India	1 800 112 929
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Denmark	45 70 13 15 15
Finland	358 (0) 10 855 2100
France	0825 010 700*
	*0.125 €/minute
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6333	
Ireland	1890 924 204
Israel	972-3-9288-504/544
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Product specifications and descriptions in this document subject to change without notice.

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