

## NEWS RELEASE



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### **New Series of Spectrum Analyzers from Aeroflex Provide Exceptional RF Performance in a Smaller, More Affordable Package**

*The 3250 Series measures RF frequency to 26.5 GHz and offers impressive connectivity and ease-of-use*

<http://www.aeroflex.com/ats/products/prodfiles/news/03182009.pdf>

**LAS VEGAS—International Wireless Communications Expo (IWCE 2009)—  
March 16 – 20, 2009**—Aeroflex unveiled its new 3250 Series of spectrum analyzers designed to offer impressive RF and microwave capabilities, exceptional connectivity and many ease-of-use features in a smaller package and with a lower price tag than ever before available. With RF frequency ranges spanning 1 kHz to 26.6 GHz, the 3250 Series is ideal for wireless design, research, development and production test engineers in numerous applications including military communications, satellite test, radar and portable mobile radio (PMR) test.

“Aeroflex’s spectrum analyzer offering is known for providing performance far beyond the price tag and these additions are taking that legacy to a new level,” said Paul Argent, business manager, Aeroflex. “We designed our new 3250 Series of low-cost, compact spectrum analyzers with exceptional connectivity and performance to stay ahead of this market and its continually emerging technology standards, such as WiMAX, WCDMA and LTE.”

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The 3250 Series is comprised of four spectrum analyzer models, each measuring a frequency range beginning at 1 KHz, with the 3251 ranging up to 3 GHz, the 3252 to 8 GHz, the 3253 to 13.2 GHz and the 3254 to 26.5 GHz. All models have a Windows® XP operating system, remote control capabilities via LAN, GPIB and RS-232C as well as a 7" touch panel screen, making them easy to operate with exceptional connectivity. The display gives the user ample viewing area so data can be seen easily, even in split-screen mode or with multiple windows open. Three traces can be displayed per window and as many as nine markers can be selected with a marker table viewable in an alternate window.

The 3250 Series includes digital demodulation capabilities for the analysis of 802.11a, b and g wireless networks, enabling engineers to analyze the transmitter characteristics of a wireless device. Also available are optional measurement personalities including GSM/EDGE, WCDMA, WiMAX and WLAN as well as EMC pre-compliance test.

Built-in functions can simplify the evaluation of many common measurements and the 3250 Series offers several, including: channel and multi-channel power, pulsed measurement, gated sweep, occupied bandwidth, spectrum emission mask, TOI measurement, total harmonic distortion, AM/FM and digital demodulation analysis, X-dB down and phase noise measurement.

Other performance features of the 3250 Series include local oscillator (LO) phase noise of -115 dBc/Hz and a display average noise level (DANL) of -145 dBm/Hz. The 3250 Series also incorporates 30 MHz I/Q demodulation bandwidth and a removable hard disk as standard. An optional built-in tracking generator is available across the entire range. All the performance of a larger bench-top instrument has been designed into these easily portable, compact and efficient spectrum analyzers that range from just 24 lbs. (11 kg.) to 29 lbs. (13 kg).

### **Availability**

The 3250 Series spectrum analyzers are currently available with delivery approximately two weeks upon receipt of order. Optional measurement personality suites for the 3250 Series include GSM/EDGE, WCDMA, WiMAX and WLAN as well as

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EMC pre-compliance test. The software provides a graphical user interface (GUI) within the spectrum analyzer menus to display the required suite of user selectable parameters.

For details on all of the available hardware and software options, including price and availability, contact your Aeroflex sales representative at (800) 853-2352 or [info-test@aeroflex.com](mailto:info-test@aeroflex.com)

### **About Aeroflex**

Aeroflex Incorporated is a global provider of high technology solutions to the aerospace, defense, cellular and broadband communications markets. The Company's diverse technologies allow it to design, develop, manufacture and market a broad range of test, measurement and microelectronic products. Aeroflex Incorporated was founded in 1937 and today has more than 2,600 employees worldwide. Additional information concerning Aeroflex Incorporated can be found on the Company's web site: [www.aeroflex.com](http://www.aeroflex.com).

*All statements other than statements of historical fact included in this press release regarding Aeroflex's business strategy and plans and objectives of its management for future operations are forward-looking statements. When used in this press release, words such as "anticipate," "believe," "estimate," "expect," "intend" and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex's management, as well as assumptions made by and information currently available to its management. Actual results could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, competitive factors and pricing pressures, changes in legal and regulatory requirements, technological change or difficulties, product development risks, commercialization difficulties and general economic conditions. Such statements reflect our current views with respect to the future and are subject to these and other risks, uncertainties and assumptions. Aeroflex does not undertake any obligation to update such forward-looking statements.*

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