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# Press Release

## Wireless Telecom Group Announces Expansion of RF Power Meter Family

### Boonton's new, sophisticated 4540 Power Meter Series offers high performance in a compact housing.

**Parsippany, New Jersey – June 17th, 2008 -** Boonton Electronics, a Wireless Telecom Group Company (NYSE: WTT), proudly introduces its new 4540 RF Power Meter Series.

Wolfgang Damm, Ph.D., Product Management Director of Wireless Telecom Group, Inc., stated, "We are very excited about the new 4540 RF Power Meter series. By incorporating advanced technology from our flagship product, the 4500B, we designed this smaller, lower priced power meter to address a wide range of customer needs and applications."

Boonton's power meters, commonly recognized as high precision instrsuments, reliable and with state of the art features, welcome two more family members the 4541 and the 4542. The 4541 provides one measurement channel, the 4542 offers two channels. With these new precision instruments, customers have now an even wider selection of Boonton RF power meters, providing specific solutions to all customers' measurement needs and budgets.

The new 4540 series, with prominent, large display, is the ideal instrument to capture, display and analyze RF signals in both, time and statistical domains. 4541/42 power meters support a vast range of technologies, including but not limited to, RADAR, GSM, EDGE, CDMA, EvDo, UMTS, WiFi, WiMax, LTE, CATV, OFDM, MIMO and many others. While the pre-programmed settings of the 4540 series cover the important measurement settings required for different technologies, customers will appreciate the Auto Setup mode. In this mode, the best possible measurement settings to any given input signals are automatically detected and applied. Users who prefer numeric readings will also appreciate the flexibility of the new 4540 series, allowing them to select and to arbitrarily display over 30 different

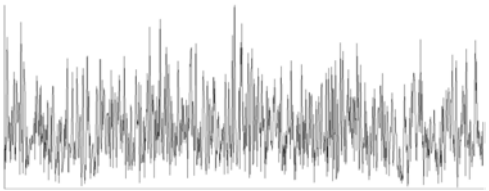
measurement parameters per channel. The statistical CCDF mode (Complementary Cumulative Distribution Function) can collect up to 4GSa (Giga samples) of data for very accurate analysis of random signals like CDMA or OFDM.

The 4540 family supports sensors up to 110GHz with a power range of -70 dBm to +44 dBm (CW) and -55 dBm to +20 dBm (Peak). It provides a video bandwidth of 70 MHz, and processes input rise times of as fast as 7ns. Obviously, these specifications depend on the sensors connected to the 4541/42 RF Power Meters. A time resolution of 200 ps allows users very detailed analysis of any trace. While the 4540 series comes with a build-in calibrator, it can also be connected to an external calibration source. Measurements can be triggered in a vast variety of ways via any of the channel inputs or through a related event via external trigger input.

The 4540 series comes standard with GPIB, USB, Ethernet (LAN) communication interfaces and allows to connect an external VGA monitor.

For more information, please visit our Web site or contact wdamm@wtt.bz

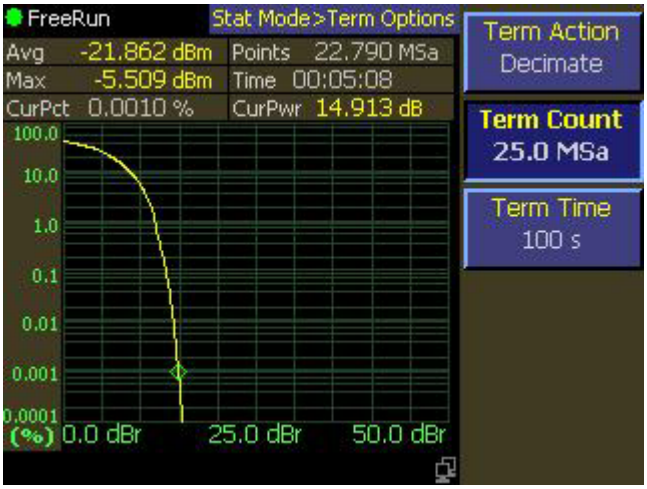
***For Editors only: Backgrounder on CCDF.***



Certain signals are completely random and provide no event that can serve as a trigger for power measurements. CDMA or OFDM are common examples. Such signal "randomness" places a challenge to measurements. Statistical mode yields information about the probability of occurrence of various power levels without regard for when those power levels occurred. Many digitally modulated spread-spectrum formats use a bandwidth coding techniques or many individual modulated carriers to distribute a source's digital information over a wide bandwidth, and temporally spread the data for improved robustness against interference. When these techniques are used, it is difficult to predict when peak signal levels will occur. Analysis of millions of data points gathered during a sustained measurement over a time can yield the statistical probabilities of each signal level with a high degree of confidence.

**CCDF – (Complementary Cumulative Distribution Function).**

CCDF is the probability that the power is greater than a specific power value. It is non-increasing in y-axis and the maximum power sample lies infinitely close to 0%. In a non-




statistical peak power measurement the peak-to-average ratio is the parameter which describes the headroom required in linear amplifiers to prevent clipping or compressing the modulated carrier. The meaning of this ratio is easy to visualize in the case of simple modulation in which there is close correspondence between the modulating waveform and the carrier envelope. When this correspondence is not present, the peak-to-average ratio alone does not provide adequate information. It is necessary to know what fraction of time the power is above (or below) particular levels. For example, some digital modulation schemes produce narrow and relatively infrequent power peaks which can be compressed with minimal effect. The peak-to-average ratio alone would not reveal anything about the fractional time occurrence of the peaks, but the CCDF clearly show this information. At CCDF = 0% is the maximum peak power which occurred during the entire run. At CCDF = 1% is the power level which was exceeded only 1% of the time during the entire run. This analysis does not depend upon any particular test signal, or upon synchronization with the modulating signal. In fact, the analysis can be done using actual communication system signals. Normal operation is not disturbed by the need to inject special test signals. This type of analysis is particularly suited to the situation in which the bit error rate (BER) or some other error rate measurement is correlated with the percentage of time that the signal is corrupted. If known short intervals of clipping are tolerable, the CCDF can be used to determine optimum transmitter power output. The CCDF is also used to evaluate various modulation schemes to determine the demands that will be made on linear amplifiers and transmitters and the sensitivity to non-linear behavior.

**About Wireless Telecom Group**

Wireless Telecom Group, Inc designs and manufactures a variety of products serving the global wireless and telecommunications markets. Comprised of four business groups brought together through acquisitions, NoiseCom, Boonton Electronics, Microlab/FXR, and Willtek Communications, the group provides a complementary suite of RF and Microwave-based products, with a major portion focused on advanced telecom testing. Their products include peak power meters, precision noise generators, mobile phone testing solutions, and passive component solutions for cellular/mobile, WiFi, satellite, and other advanced communications networks, all critical enablers to the rapid growth in world-wide communications and computing solutions. This technological synergy has enabled Wireless Telecom Group, Inc. to become a full service supplier of both the commercial and military telecommunications industries.

Wireless Telecom Group's website address is http://www.wtt.bz. Except for historical information, the matters discussed in this news release may be considered "forward-looking" statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include declarations regarding the intent, belief or current expectations of the Company and its management. Prospective investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties that could materially affect actual results. Such risks and uncertainties are identified in the Company's reports and registration statements filed with the Securities and Exchange Commission, including its Annual Report on Form 10-K, as amended by Form 10-K/A, for the year ended December 31, 2007 and Forms 10-Q for 2008.

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