

# BANTAM INSTRUMENTS

**For Immediate Release**

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## **HANDHELD SPECTRUM ANALYZER WITH 2.4 GHz AND 5 GHz COVERAGE IN A SINGLE UNIT INTRODUCED BY BANTAM INSTRUMENTS.**

Sunnyvale, CA - BANTAM INSTRUMENTS introduces the Model 425A Wireless LAN Spectrum Analyzer, a handheld spectrum analyzer which pushes the limits in frequency range, price, and performance. Measurements can be made in all the Wireless LAN bands with coverage extending to 6 GHz without the need for external modules.

The Model 425A covers two discreet frequency ranges: 1.8–2.9 GHz and 5.0–6.0 GHz. Preset frequency bands within these ranges enable immediate coverage of the 2.4–2.5 GHz ISM band as well as the 5.15–5.25, 5.25–5.35, and 5.725–5.825 GHz U-NII Bands. Measurements can be made on all spread-spectrum technologies including 802.11a, 802.11b, 802.11g, and BlueTooth. Being a true spectrum analyzer, the Model 425A is also very effective in locating and identifying interfering signals regardless of their origin.

For wireless LAN testing, all network channels can be displayed, and the single press of a button will zoom in to the channel of interest and then back out to the entire ISM or U-NII band. All 14 DSSS channels and all 12 OFDM channels are identified. A peak hold detection mode can be selected to capture the entire spread-spectrum signal.

The Model 425A is battery operated and weighs less than 1.2 pounds. An internal memory stores 20 measurements as well as 20 measurement setups. Measurement data can also be downloaded to a PC using the supplied PC enhancement software and serial cable. Omni-directional antennas for the 2.4–2.5 GHz ISM band and the 5.1–5.9 GHz U-NII bands are supplied. The complete unit sells for only \$4400.

If measurements only in the 2.4–2.5 GHz ISM band are required, the single band Model 424A is available. The Model 424A covers the 1.8–2.9 GHz range and has all the features of the dual range Model 425A. The Model 424A is priced at only \$2600, and the 5.0–6.0 GHz range can be added at a later date by returning the unit to the factory.

### **About Bantam Instruments**

BANTAM INSTRUMENTS, located in Sunnyvale, California, was founded in 1997. The Company specializes in handheld spectrum analyzers and measurement accessories. Products are sold worldwide through a network of sales representatives and distributors. More information can be obtained by visiting the Bantam Instruments website at [www.BantamInstruments.com](http://www.BantamInstruments.com), or contacting Robert Bathiany, Vice President.