



Discover What's Possible®

## News Release

**Client Contact:**

Katherine Van Diepen  
Director, Marketing Communications  
Anritsu Company  
408.778.2000 ext. 1550  
[Katherine.vandiepen@anritsu.com](mailto:Katherine.vandiepen@anritsu.com)

**Agency Contact:**

Patrick Brightman  
SGW  
973.263.5475  
[pbrightman@sgw.com](mailto:pbrightman@sgw.com)

### **Anritsu Introduces Power Meter Capability to Handheld Analyzers**

*—MT8222A, S331D/S332D, MT8212B and MS2711D can now Make Accurate Power Measurements from 50 MHz to 6 GHz —*

**Morgan Hill, CA (September 2006)** – Anritsu Company introduces highly accurate power meter capability to its BTS Master™ MT8222A, Site Master™ S331D/S332D, Cell Master™ MT8212B, and Spectrum Master™ MS2711D. The new option brings unprecedented power measurement capability to the field, and combines with the inherent advantages of Anritsu's industry-leading handheld analyzer design to make it simpler and more cost efficient to deploy, install, and maintain wireless networks.

The new power meter option is used in conjunction with the PSN50 power sensor and provides highly accurate power measurements from 50 MHz to 6 GHz. Bringing lab performance to the field, the PSN50 sensors delivers true RMS measurements from -30 dBm to +20 dBm, and can make highly accurate measurements for both CW and digitally-modulated signals, such as GSM/EDGE, CDMA/EV-DO, and WCDMA/HSDPA. The high accuracy of +/-0.16 dB is complemented by return loss of 26 dB <2 GHz, damage power level of +33 dBm, and ESD protection of 3.3 kV.

A number of advanced features have been designed into the power meter option to ensure high performance. Efficiency and mismatch losses are automatically corrected due to a cal factor correction feature. A zero feature removes noise and improves overall accuracy for low-level signals. For signals with high variation, there is an averaging feature, while a max hold feature displays the maximum value of the non-averaged data. Measurement results are displayed in both dBm and Watts.

(more)

The power meter can be easily integrated into any of the designated handheld analyzers. The BTS Master is a multi-functional base station test tool that provides spectrum analysis, cable and antenna analysis interference analysis, channel scanner, spectrograms, WCDMA/HSDPA, GSM/EDGE Over-The-Air, RF and demodulation measurements, and a GPS receiver.

Covering 25 MHz to 4000 MHz, the S331D/S332D are designed to accurately locate and identify RF cable feed-line and antenna system faults. They are ideally suited for installing, commissioning, troubleshooting and maintaining today's wireless systems infrastructures, including VHF, broadcasting, paging, cellular, LMR, PCS/GSM, 3G, ISM, WLAN and WLL applications.

For network installation and maintenance, Cell Master MT8212B eliminates the need for field engineers and field technicians to carry, manage and learn multiple test sets. It includes a cable & antenna analyzer, spectrum analyzer, RF and demodulation analyzer, CDMA/EVDO, GSM, Over-The-Air measurements, a transmission analyzer for 2-port devices, interference analyzer, channel scanner, GPS receiver, bias tee, CW signal generator, and T1/E1 analyzer in a compact design weighing less than five pounds.

The MS2711D, which covers 100 kHz to 3.0 GHz, has a typical noise floor of  $\leq -135$  dBm. It can perform full span sweeps from 9 kHz to 3 GHz in  $\leq 1.1$  seconds, while the sweep speed in zero span can be set from  $<50$   $\mu$ s up to 200 seconds. The MS2711D's AM/FM/SSB demodulator further improves a user's ability to identify interfering signals.

The power meter option is priced at \$550 and the PSN50 sensor is \$1,700.

#### **About Anritsu**

Anritsu Company ([www.us.anritsu.com](http://www.us.anritsu.com)) is the American subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for more than 110 years. With its acquisition of NetTest ([www.nettest.com](http://www.nettest.com)), Anritsu provides solutions for existing and next-generation wired and wireless communication systems and operators. Anritsu products include wireless, optical, microwave/RF, and digital instruments as well as operations support systems for R&D, manufacturing, installation, and maintenance. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. With offices throughout the world, Anritsu sells in over 90 countries with approximately 4,000 employees.

#####