



NEWS RELEASE

Company Contact:

Katherine Van Diepen
Director of Marketing Communications
Anritsu Company
(408) 778-2000, ext. 1550
Katherine.Vandiepen@anritsu.com

Agency Contact:

Patrick Brightman
SGW
(973) 263-5475
pbrightman@sgw.com

Anritsu Company Introduces Cell Master™ Handheld Base Station Analyzer

*—MT8212B Cable, Antenna, and Base Station Analyzer Combines all the Tools Necessary for
Installing, Maintaining and Troubleshooting CDMA and GSM Base Stations —*

Morgan Hill, CA (September 2004) — Anritsu Company introduces Cell Master MT8212B which adds a CDMA/GSM transmitter analyzer, interference analyzer, built-in source, channel scanner, and DS0/VF channel access to the popular Cell Master design. The integration of these additional test capabilities provides RF engineers and field technicians with a single handheld instrument weighing less than five pounds that can be used to ensure proper deployment, installation and maintenance of GSM and CDMA networks.

With the Cell Master MT8212B, users can conduct all major RF measurements, such as channel power, frequency error, occupied bandwidth, and noise floor, on CDMA signals. The integration of the CDMA transmitter analyzer option into the MT8212B also allows it to demodulate cdmaOne and cdma2000 1xRTT signals. Code domain power, pilot power, channel power, frequency error, waveform quality, pilot time tolerance, pilot Ec/Io and carrier feed through can be displayed with this option. All the parameters can be displayed in graphical format or text only.

The Cell Master MT8212B provides users with flexibility when demodulating cdmaOne and cdma2000 1xRTT signals. In addition to making measurements in the traditional manner by connecting Cell Master MT8212B to the base station, an Over The Air (OTA) measurement option allows field technicians to demodulate the cdmaOne and cdma2000 1xRTT signals while sitting in their truck.

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For GSM applications, the Cell Master MT8212B has an option that allows the analyzer to conduct traditional RF measurements for power and frequency error. The MT8212B can also display time slot information on GSM signals.

A number of other options are also available with the Cell Master MT8212B. An interference analyzer measures interfering signals and displays their standard and bandwidth so that field technicians can quickly identify interfering signals to reduce dropped calls and coverage problems. The Cell Master MT8212B can also be ordered with a built-in signal source for measuring the gain/loss of two-port devices, as well as be used for antenna isolation measurements and repeater tests.

For AMPS, iDEN, TDMA, and GSM network applications, the Cell Master MT8212B can be equipped with a channel scanner to display currently available channel power. The analyzer can be used as a wireline physical layer analyzer as well. T1 and E1 tests include DS0/VF channel access monitoring. A user manually selects each one of the voice channels (DS0/VF access) and monitors with the built-in speaker.

All of these enhancements expand the testing capabilities of the Cell Master family. The MT8212B can perform all the measurements of the traditional Cell Master analyzer. Incorporating the same cable and antenna analyzer found in the industry-leading Site Master™ family, the MT8212B quickly locates small, hard-to-identify faults before major failures occur. A built-in power meter performs highly accurate power measurements to reduce signal holes and interference.

Cell Master MT8212B's spectrum analysis capability allows users to locate, identify, record, and solve communication systems problems from 100 kHz to 3 GHz. The MT8212B maintains the accuracy and simplicity found throughout the Cell Master family. It has dedicated routines for smart measurements of field strength, channel power, occupied bandwidth, Adjacent Channel Power Ratio (ACPR), Carrier-to-Interference (C/I), and interference analysis. All of these measurements can be made on signals as low as -135 dBm.

By utilizing the field-proven Site Master design, the MT8212B can withstand the day-to-day punishment associated with field applications. It is impervious to the bumps and bangs typically associated with field use. The MT8212B also has a standard transfective color display that makes viewing easy – even in direct sunlight and at wide viewing angles. A built-in GPS receiver provides location (latitude, longitude and altitude) and UTC time information so that each trace can be stamped with location information.

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Cell Master delivery is 6 to 8 weeks ARO.

About Anritsu

Anritsu Company is the American subsidiary of Anritsu Corporation, a global provider of innovative solutions for more than 100 years. With offices throughout the United States, as well as in Canada, Central America, and South America, Anritsu Company provides solutions for existing and next-generation wired and wireless communication systems. Its measurement solutions include optical, microwave/RF, wireless and digital instruments that can be used during R&D, manufacturing, installation, and maintenance. Anritsu Company also provides precision microwave/RF components, optical devices, and high-speed devices for design into communication products and systems.

For more information, please visit www.us.anritsu.com.

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