

Anritsu Redefines Microwave and mmWave Measurements with Introduction of the Ultraportable Spectrum Master™ Family

*–World’s First Ultraportable, mmWave Spectrum Analyzers Deliver Performance, Cost Benefits in
5G, E-band and other Fast-growing High Frequency Applications -*

Morgan Hill, CA – February 14, 2017 – Anritsu Company revolutionizes the test market with the introduction of the Spectrum Master™ MS2760A family, the world’s first ultraportable, millimeter wave (mmWave) spectrum analyzers that verify high-frequency designs, including those used in 5G and E-band applications. Leveraging Anritsu’s patented state-of-the-art NLTL Shockline technology, the MS2760A shatters the cost, size, and performance barriers associated with traditional large form factor instruments to more efficiently advance technology development. In addition to 5G and E-band, the MS2760A significantly improves test procedures and lowers the cost-of-test in other fast-growing mmWave applications, such as 802.11ad/WiGig, satellite communications, electronic warfare, and automotive radar.

Lab Benefits

For R&D and test engineers in lab environments, the MS2760A conducts essential spectrum measurements, such as spectrum analysis, channel power, adjacent channel power, spurious emissions, and occupied bandwidth. Users can achieve accuracy never before possible at higher frequencies, as the MS2760A allows measurements to be taken directly at the DUT, unlike benchtop models that require expensive cables that can add loss. Its ability to conduct sweeps from 9 kHz to 110 GHz also improves measurement confidence.

Manufacturing Advantages

Lower cost-of-test in high-volume manufacturing applications is achieved with the Spectrum Master MS2760A, as it is considerably less expensive than benchtop alternatives. Its ultraportable size also adds flexibility to production test of larger products, including those in aerospace and satellite applications. Accuracy is assured in manufacturing environments due to its ability to conduct continuous sweeps across the entire frequency.

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Easier Field Testing

The Spectrum Master MS2760A simplifies field testing dramatically. Its ultraportable size allows it to be placed in a technician's pocket, while its continuous sweep ability and USB-powered form factor using a tablet reduces the amount of equipment a technician must carry. With thousands of technicians testing millions of antennas, the more affordable MS2760A scales easier than other handheld spectrum analyzers, as well.

The Spectrum Master MS2760A has models to support the 32 GHz, 44 GHz, 50 GHz, 70 GHz, and 110 GHz frequencies. A 90-GHz model is also available for countries where an export license is required for analyzers above 90 GHz. It is the latest member of Anritsu's growing ultraportable analyzer portfolio that also includes the Power Master™ MA24507A mmWave power analyzer and Site Master™ S331P, the lightest, smallest, fastest and most cost-efficient Site Master field cable and antenna analyzer ever developed.

About Anritsu

Anritsu Company is the United States subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for 120 years. Anritsu's "2020 VISION" philosophy engages customers as true partners to help develop wireless, optical, microwave/RF, and digital solutions for R&D, manufacturing, installation, and maintenance applications, as well as multidimensional service assurance solutions for network monitoring and optimization. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. The company develops advanced solutions for 5G, M2M, IoT, as well as other emerging and legacy wireline and wireless communication markets. With offices throughout the world, Anritsu has approximately 4,000 employees in over 90 countries.

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