

Spectrum Analyzer includes Frequency Coverage up to 43 GHz

Anritsu Company introduces the MS272xC Spectrum Master series that provides the broadest frequency range ever available in a handheld spectrum analyzer.

Providing frequency coverage up to 43 GHz in an instrument that weighs less than 8 lbs., the MS272xC series is also designed with an assortment of applications to test the RF physical layer, making it easier than ever for field technicians, monitoring agencies and engineers to monitor over-the-air signals, locate interferers, and detect hidden transmitters. Five models, with high-end frequency coverage of 9 GHz, 13 GHz, 20 GHz, 32 GHz and 43 GHz, respectively, are available in the new family.

The MS272xC Spectrum Master is a vastly superior product compared to existing handheld and benchtop spectrum analyzers. It eliminates the need to carry heavy benchtop spectrum analyzers into the field to measure signals above 20 GHz, such as those used in microwave backhaul applications. To further lighten the load, the MS272xC Spectrum Master is integrated with a spectrum analyzer, and can be ordered with a channel scanner and interference analyzer to conduct all common field measurements, eliminating the need for multiple instruments. A number of 3G/4G options can be easily incorporated into the handheld spectrum analyzers to measure LTE, HSPA+, W-CDMA, CDMA/EV-DO, GSM/EDGE, TD-SCDMA/HSDPA, and WiMAX signals.

Users can monitor and measure the spectrum quickly, as the MS2726C Spectrum Master has a fast sweep time of 27 seconds for a 43 GHz span with a 30 kHz RBW. Accuracy is not sacrificed for speed, however, as the MS2726C series delivers excellent phase noise of -100 dBc/Hz at 10 kHz offset at 1 GHz and dynamic range of 101 dB. Designed with a broadband preamplifier, the handheld spectrum analyzers have high sensitivity of -159 dBm at 1 GHz and -145 dBm at 43 GHz to detect small signals. An intuitive menu-driven screen makes it easy to conduct all measurements.

Powerful Analysis Tools

An analysis package and Anritsu's Master Software Tools provide users with the capability to conduct detailed evaluation of measurement data. Interference sources can be easily identified using built-in reporting tools, mapping, folder spectrograms, and 3D Spectrograms. These tools eliminate the need for more expensive, larger, heavier benchtop instruments, as well as third-party spectrum monitoring software.

Field Tough Design

The MS272xC series utilizes the field-proven Spectrum Master design. A rugged

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housing can withstand the day-to-day operations associated with field use and its light weight makes it easy to carry the MS272xC analyzer up towers. It has a field-replaceable long-life battery and wide operating temperature of -10° to 55° C. A large daylight viewable display makes it easy for users to see results in any environment. Display modes include a red night vision mode a black and white mode as well as two full color modes.

The MS2722C Spectrum Master has a U.S. starting price of \$15,950.00. Delivery is 4 weeks ARO.

For more, visit www.us.anritsu.com [1]

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