Bluetooth Test Set

Anritsu Company introduces the MT8850A Bluetooth&#153 Test Set that meets the industry's demand for Bluetooth test instrumentation by conducting measurements in accordance with RF Test Specification V0.09 and using the Bluetooth protocol stack for full implementation of test-mode signaling. Combining fast and accurate RF measurement capability with compact size and affordability, the MT8850A is an excellent tool for production test of Bluetooth chipsets and modules, as well as consumer products utilizing Bluetooth radios.
All in-channel measurements required during production can be made with the MT8850A. The Bluetooth Test Set can analyze RF power, frequency, modulation, and receiver sensitivity (BER/FER). In addition to conducting standard measurements according to the Bluetooth specification, the MT8850A can be configured to run custom test scripts. It provides full user control of a variety of test parameters including test frequency, frequency hopping ON or OFF, and the number of measured bits/packets looped back in a test.
All measurements can be pre-programmed into the MT8850A, so they can be conducted with a single keystroke for easy operation on the benchtop. A GPIB interface is available for programming in a manufacturing environment. Both GPIB and RS232 interfaces are standard on the MT8850A. Anritsu also has developed BlueSuite support software for advanced design on Bluetooth radios. BlueSuite allows burst power profiles, modulation eye diagrams, and graphs of all 79 frequencies' output power to be viewed on a PC.
The MT8850A allows measurements to be made quickly, making it an excellent tool for production test of Bluetooth chipsets and modules, as well as consumer products utilizing Bluetooth radios. In the cellular radio test environment, the MT8850A is an ideal complement. The Bluetooth tester can operate alone or in conjunction with a cellular handset tester to verify the performance of both the Bluetooth and digital cellular radio interface, while adding no incremental test time to the cellular radio production.
In addition to ensuring quality RF measurements, the integration of existing Anritsu technology in the MT8850A provides other benefits, including affordability and compact size. The Bluetooth Test Set occupies only half a rack and weighs 3.5 kg, allowing it to fit into any ATE application.

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