

ANRITSU

MT8852B

The Anritsu MT8852B is a dedicated Bluetooth Test Set designed for comprehensive RF performance testing of Bluetooth-enabled devices. It supports basic rate (BR), enhanced data rate (EDR), and Bluetooth low energy (LE) measurements in compliance with Bluetooth Core Specifications up to v5.3. With integrated signal generation and analysis, the MT8852B provides exhaustive transmitter and receiver testing, dirty transmitter simulations, and advanced audio analysis options.

SPECIFICATIONS

RF Port Specifications

RF Port Impedance	50 Ω nominal
-------------------	---------------------

Supported Wireless Standards

Bluetooth Basic Rate (BR) Support	Standard
Bluetooth Low Energy (LE) Support	Requires Option 27
Bluetooth LE 2Msym/s PHY Support	Requires Option 34
Bluetooth LE Coded PHY Support	Requires Option 34

Reference Frequency Specifications

Internal Reference Frequency	10 MHz
External Reference Input Frequency Support	10 MHz
External Reference Input Connector	BNC female (rear panel)

System Interfaces and Connectivity

GPIO Interface	IEEE-488.2 compliant
RS-232 Serial Port	9-pin D-sub female

Audio Testing (Option 15)

Bluetooth Audio Testing Codecs	CVSD, A-law, μ -law
--------------------------------	-------------------------

Hardware and Software Options

Enhanced Data Rate (EDR) Measurement Option	Option 25
Bluetooth Low Energy (LE) Measurement Option	Option 27
BLE 2M and Coded PHY Option	Option 34
Audio Analyzer Hardware Option	Option 15
Adaptive Frequency Hopping (AFH) Option	Option 14

Rear Panel Connections

External Reference Output Connector	BNC female
External Reference Output Frequency	10 MHz

TECHNOLOGY

Bluetooth RF Testing

APPLICATIONS

RF Transmitter and Receiver Measurement of Bluetooth Devices

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.