

ANRITSU

MS2724B

The Anritsu MS2724B Spectrum Master is a high-performance, lightweight handheld spectrum analyzer designed for analyzing wireless LAN and cellular signals, including 802.11a, 3G, ultra-wideband, and patient monitoring systems. Supporting applications up to 20 GHz, it combines the flexibility of a field-portable instrument with benchtop-grade accuracy. It features standard quasi-peak detection, CISPR resolution bandwidths, and a highly daylight-readable color display.

SPECIFICATIONS

General

Interfaces	RJ45 Ethernet 10/100 Base T, USB 2.0
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Physical

Power Supply	Rechargeable/field-replaceable Li-Ion battery or AC/DC adapter
Operating Temperature	-10 °C to 55 °C °C
Dimensions (W×H×D)	315 mm x 211 mm x 77.2 mm mm
Weight	3.4 kg kg

Frequency Specifications

Frequency Range	9 kHz to 20 GHz
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Resolution and Video Bandwidths

Resolution Bandwidth (RBW) Range	1 Hz to 3 MHz
RBW Steps	1-3 sequence
Video Bandwidth (VBW) Range	1 Hz to 3 MHz
VBW Steps	1-3 sequence

Sweep and Acquisition

Detectors	Quasi-peak, Peak, Negative Peak, Sample, RMS
Markers	6 markers plus 6 delta markers, or 1 marker with 6 delta markers
Limit Lines	Multi-segmented upper and lower limit lines

RF Input

Maximum Input Damage Level	+30 dBm (1 W) continuous, ±50 VDC
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Frequency

Frequency Span	10 Hz to 20 GHz, plus 0 Hz (zero span)
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Amplitude

Amplitude Measurement Range	DANL to +30 dBm
Reference Level Range	-120 dBm to +30 dBm

Connectors

RF Input Connector	Ruggedized K, female, 50 Ω
External Reference Input Connector	BNC, female, 50 Ω
External Trigger Input Connector	BNC, female, 50 Ω

Measurements

Built-in Audio Demodulation	AM, FM, SSB
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Options

High Accuracy Power Meter (Option 19)	Requires external USB power sensor
GSM/GPRS/EDGE RF Measurements (Option 40)	Available as software option
GSM/GPRS/EDGE Demodulator (Option 41)	Available as software option
W-CDMA/HSDPA RF Measurements (Option 44)	Available as software option
W-CDMA/HSDPA Demodulator (Option 45)	Available as software option
Fixed WiMAX RF Measurements (Option 46)	Available as software option
Fixed WiMAX Demodulator (Option 47)	Available as software option
TD-SCDMA RF Measurements (Option 60)	Available as software option
TD-SCDMA Demodulator (Option 61)	Available as software option
AM/FM/PM Demodulation Analyzer (Option 509)	Available as software option

TECHNOLOGY

Spectrum Analysis

APPLICATIONS

Cellular and Wireless Network Testing, Field RF Measurements, Interference Analysis

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