

ANRITSU

MS2602A

The Anritsu MS2602A is a high-performance legacy spectrum analyzer designed for RF analysis in the 100 Hz to 8.5 GHz frequency range. It features standard AM/FM demodulation, flexible sweep times, and a robust set of inputs and outputs.

SPECIFICATIONS

General

Interfaces	GPIB
Display	CRT

Physical

Power Supply	100 to 120 V AC / 200 to 240 V AC (selectable), 47.5 to 63 Hz
Operating Temperature	0 to 50 °C °C
Dimensions (W×H×D)	320 mm x 177 mm x 451 mm mm
Weight	26 kg kg

Frequency Specifications

Frequency Range	100 Hz to 8.5 GHz
Minimum Frequency	100 Hz
Maximum Frequency	8.5 GHz
Minimum Frequency Span	100 Hz
Maximum Frequency Span	8.5 GHz
Resolution Bandwidth (RBW) Range	10 Hz to 3 MHz
Video Bandwidth (VBW) Range	1 Hz to 3 MHz

Amplitude Specifications

RF Input Impedance	50 Ohm
Minimum Displayed Average Noise Level	-135 dBm

Sweep and Trigger

Minimum Sweep Time	20 ms
Maximum Sweep Time	1000 s

Demodulation

Demodulation Modes	AM, FM
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Inputs and Outputs

RF Input Connector Type	N (female)
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RF Input

Input Attenuator Range	0 to 70 dB in 10 dB steps
Maximum Safe Input Level	+30 dBm (1 W)

Frequency

Frequency Reference Aging Rate	< 1 x 10 ⁻⁷ / day (standard)
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Power & Environment

Power Consumption	≤ 250 VA
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TECHNOLOGY

RF Spectrum Analysis

APPLICATIONS

RF and Microwave Testing

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