ANRITSU

MS2802A

The Anritsu MS2802A is a microwave spectrum analyzer designed for detailed signal analysis across a broad frequency range from 100 Hz up to 32 GHz. It is engineered for testing and maintaining microwave communication devices and systems, featuring high input sensitivity, standard GPIB connectivity, and a color CRT display.

SPECIFICATIONS

General

Interfaces	GPIB (IEEE-488)
Display	Color CRT

Physical

Operating Temperature	0 to +50°C °C
Dimensions (W×H×D)	426 mm × 221.5 mm × 451 mm mm
Weight	28 kg

Frequency Specifications

Frequency Range	100 Hz to 32 GHz

Amplitude and Sensitivity Specifications

Input Impedance	50 ohms

Bandwidth (RBW/VBW)

Resolution Bandwidth (RBW) Range	10 Hz to 3 MHz
Video Bandwidth (VBW) Range	1 Hz to 3 MHz

Connectivity and Interfaces

RF Input Connector Type	K-type (female)

Reference Oscillator

Internal Reference Frequency	10 MHz
Reference Frequency Aging Rate	≤ 1 × 10^-7/day (≤ 2 × 10^-8/day with Option 01)
Reference Frequency Temperature Stability	≤ 2 × 10^-7 (0°C to +50°C)

Amplitude

Maximum Input Level	+30 dBm (1 W), 0 V DC

TECHNOLOGY

Superheterodyne Spectrum Analysis

APPLICATIONS

Microwave signal analysis, communications equipment testing