KEYSIGHT TECHNOLOGIES (AGILENT HP)

8562A

The Keysight (Agilent/HP) 8562A is a high-performance, synthesized portable spectrum analyzer designed for RF and microwave measurements across a frequency range of 9 kHz to 22 GHz.

SPECIFICATIONS

General

Interfaces	GPIB (HP-IB)

Physical

Weight	20 kg kg

Frequency Specifications

Frequency Range	9 kHz to 22 GHz

Amplitude Specifications

Maximum Safe RF Input Power	+30 dBm (1 W)
Maximum DC Input Voltage	0 V
Input Attenuator Range	0 to 70 dB
Input Attenuation Steps	10 dB

Sweep and Triggering

Minimum Sweep Time (Span > 0 Hz)	50 ms
Maximum Sweep Time	100 s
Sweep Time Range (Zero Span)	50 µs to 100 s

Resolution and Video Bandwidths

Minimum Resolution Bandwidth (RBW)	100 Hz
Resolution Bandwidth Steps	1, 3, 10 sequence
Minimum Video Bandwidth (VBW)	1 Hz
Maximum Video Bandwidth (VBW)	3 MHz
Video Bandwidth Steps	1, 3, 10 sequence

Inputs and Outputs

RF Input Connector Type	Type-N female
RF Input Impedance	50 Ω nominal
Calibrator Output Frequency	300 MHz
Calibrator Output Amplitude	-10 dBm

Measurement and Display Features

Number of Traces	3

TECHNOLOGY

Synthesized Spectrum Analysis

APPLICATIONS

RF and Microwave Signal Analysis