ANRITSU

MG3692B

The Anritsu MG3692B is a high-performance synthesized signal generator designed for RF and microwave applications, covering a standard frequency range of 2 GHz to 20 GHz. Part of the MG3690B series, it offers excellent phase noise, fast frequency switching, and robust modulation capabilities suitable for demanding ATE and R&D environments.

SPECIFICATIONS

Frequency

Minimum Frequency	2 GHz Hz
Maximum Frequency	20 GHz Hz
Frequency Resolution	0.01 Hz

General

Reference Oscillator	10 MHz
Interfaces	GPIB (IEEE-488)
Display	LCD

Frequency Specifications

Frequency Range	2 GHz to 20 GHz
Internal Reference Frequency	10 MHz

Output Power

Output Impedance	50 ohms

Sweep Capabilities

Sweep Type	Analog, Step, Manual

Ports & Connectivity

GPIB Interface	IEEE-488.2 compatible

Ordering & Hardware Options

Step Attenuator Option	Option 2 (adds 110 dB step attenuator)
Ultra-Low Phase Noise Option	Option 3
High Output Power Option	Option 15

Inputs & Outputs

V/GHz Output	0.5 V/GHz or 1.0 V/GHz (selectable)
Analog Sweep Output	0 to 10 V nominal ramp

Environmental

Operating Temperature	0 °C to +50 °C
Storage Temperature	-40 °C to +75 °C

RF Output

Power Level Resolution	0.01 dB

TECHNOLOGY

Synthesized Signal Generation

APPLICATIONS

RF and Microwave Testing