

Anritsu MG3690B

Microwave Signal Generator



0.1 Hz to 67 GHz/325 GHz

The MG3690B is Your Ideal Signal Generator, Configurable to Meet Your Specific Need:

Be assured that your investment will be upgradable as your needs change.

■ Six Base Models

- MG3691B 2 to 10 GHz
- MG3692B 2 to 20 GHz
- MG3693B 2 to 30 GHz
- MG3694B 2 to 40 GHz
- MG3695B 2 to 50 GHz
- MG3696B 2 to 65 GHz (operational to 67 GHz)

■ Resolution - 0.01 Hz

■ Phase Offset - 0.1 degree steps

■ Fast Switching Speed

- 5 ms (typical) for 1 GHz steps
- When not crossing band-switch frequency

■ RF Frequency Coverage Extension, Down to 0.1 Hz

- Best solution for dual RF and Microwave applications
- An optional down-converter covers 10 MHz to 2 GHz
- An optional DDS offers additional coverage to 0.1 Hz!

■ Excellent Phase Noise Performance as Standard

- Add optional ultra-low phase noise >2 GHz
- Add an optional digital down-converter for:
Lowest Phase Noise RF source from 10 MHz to 2.2 GHz
<130 dBc/Hz at 1 GHz, 10 kHz offset

■ High Output Power

- +25 dBm at 10 GHz (+28 dBm typical)
- +23 dBm at 20 GHz (+26 dBm typical)
- +19 dBm at 40 GHz (+21 dBm typical)
- +13 dBm at 50 GHz (+16 dBm typical)
- +3 dBm at 65 GHz (+7 dBm typical)

■ Wide Attenuation Range

- 110 dB Mechanical Attenuator Option
- 120 dB Electronic Attenuator Option

■ AM/FM/ΦM/PM, External or Internal

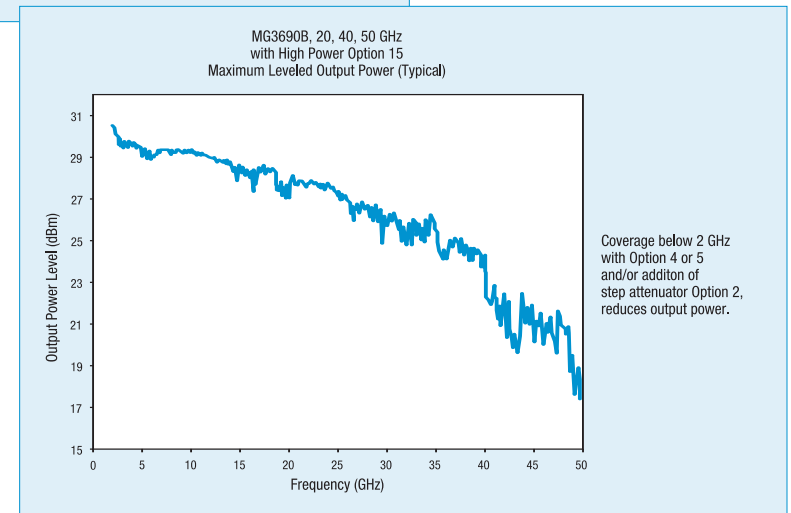
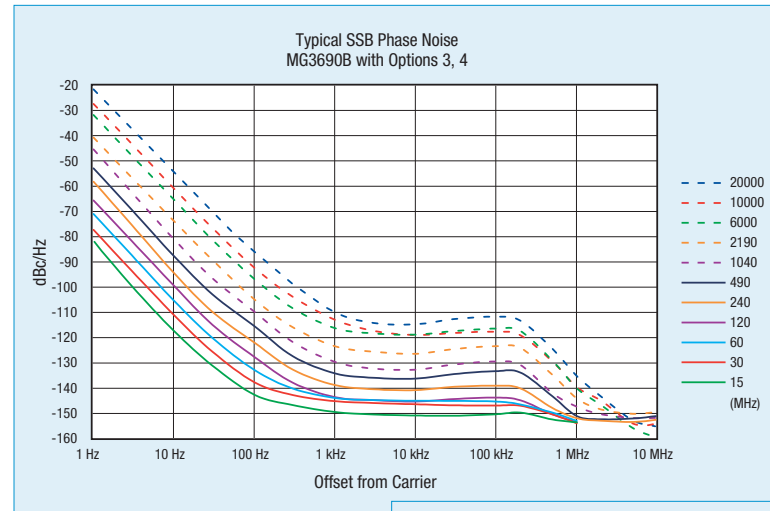
- 100 ns leveled pulse width >1 GHz, 1 μs <1 GHz

■ IF Up-Conversion Option

- Obtain IQ-modulation microwave signals by up-converting a modulated IF signal

■ Digital or Analog Sweep

■ Warranty - 3 years (standard)



Sales Offices:

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