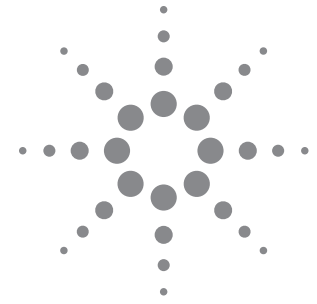# Agilent N5183A MXG Microwave Analog Signal Generator

Frequency ranges: 100 kHz to 20, 32 or 40 GHz

The MXG microwave analog signal generator provides better value for manufacturing by increasing throughput, maximizing uptime and saving rack space. It delivers fast frequency and amplitude switching speeds along with power and excellent level accuracy. The reliable design, with simplified self-maintenance options, ensures a low cost of ownership.

Ideal for:

- Broadband component manufacturing

- Radar/military communications

- System depot test

Applications include:

- LO substitution

- Blocker/interferer signals

- Transmitting source for antenna test

Option upgrades via LAN

- Fast switching frequency and amplitude switching

- High power (+18 dBm to 3.2 to 20 GHz)

- AM, FM, phase modulation

- Pulse modulation

- Instrument security

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Agilent N5183A MXG Microwave Analog Signal Generator

Model	RF connectors
Frequency options	
520	Frequency coverage to 20 GHz
532	Frequency coverage to 32 GHz
540	Frequency coverage to 40 GHz
Optional features	
1E1	Step attenuator
1ED	Type N RF output connector
1EA	High power
1EM	Rear panel connectors
UNT	Analog mod (AM/FM/phaseM)
UNU	Pulse modulation
UNW	Narrow pulse modulation
UNZ	Fast switching speed
1ER	Flexible ref input (1—50 MHz)
006	Instrument security
Connectivity accessories	
82357B	USB/GPIB interface
10833A/B/C/D/F/G	GPIB cable
82350B	PCI high-performance GPIB card
82351A	PCIe-GPIB interface card

U   =   License key upgrade

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5990-4543EN

Benefits	Feature
Throughput	Fast frequency and amplitude switching speed (< 900 µs, 600 µs typ)
	Excellent power and level accuracy
Uptime	Reliable design with few assemblies
	100% internal diagnostics
	100% field-replaceable parts
	Self-service kits with pre-calibrated assemblies
Scalable performance	Add performance options using license key downloads via LAN
Connectivity	100 bT LAN
	USB 2.0 connectors
	GPIB interface

N5183A works with Agilent U2000 series USB power sensors to provide high accuracy power measurements

To find a distributor in your area, go to **www.agilent.com/find/distributors**

Recommended service options
Additional two years of Return-to-Agilent warranty
Additional two years of Return-to-Agilent calibrations
For more information, go to : **www.agilent.com/find/removealldoubt**

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