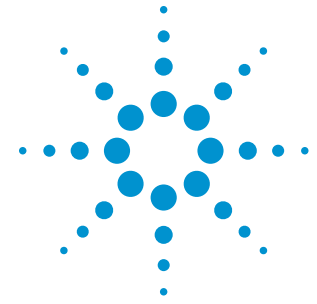


Agilent N5181A MXG RF Analog Signal Generator

Frequency ranges: 100 kHz to 1, 3 or 6 GHz

The MXG RF analog signal generator provides better value by increasing throughput, maximizing uptime and saving rack space. It features fast switching speeds and high output power and is optimized for accurate and repeatable reference signals. The reliable design, with simplified self-maintenance options, ensures a low cost of ownership.



Ideal for:

- Component manufacturing test
- Installation and maintenance
- Depot and ATE test

Applications include:

- LO substitution
- Blocker/interferer signals
- Transmitting source for antenna test

Performance upgrades for:

- Fast frequency and amplitude switching
- High power (+23 dBm to 3 GHz)
- Low power (< -110 dBm)
- AM, FM, phase modulation
- Pulse modulation
- Narrow pulse modulation



Agilent N5181A MXG RF Analog Signal Generator

Model	RF connectors
Frequency options	
N5181A-501	100 kHz to 1 GHz
N5181A-503	100 kHz to 3 GHz
N5181A-506	100 kHz to 6 GHz
Optional features	
UNZ	Fast switching (freq. & amp.)
1EA	High power
1EQ	Low power (< -110 dBm)
UNU	Pulse modulation
UNW	Narrow pulse modulation
UNT	AM, FM, phase modulation
006	Instrument security
1ER	Flexible reference input (1–50 MHz)
1EM	Move RF output to rear panel
UK6	Commercial Calibration Certificate w/ test data
099	Expanded license key upgradeability
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
- U* = License key upgrade with option 099 installed
- U** = Hardware upgrade

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 5990-4534EN

Benefits	Feature
Throughput	Fastest SCPI-mode frequency and amplitude switching speed in it's class (< 1.2 ms)
Uptime	Reliable design with few assemblies 100% internal diagnostics 100% internal diagnostics Self-service kits with pre-calibrated assemblies
Scalable performance	Add performance options using license key downloads via LAN
Connectivity	100 bT LAN (LXI class C) USB 2.0 connectors GPIB interface



N5181A 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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