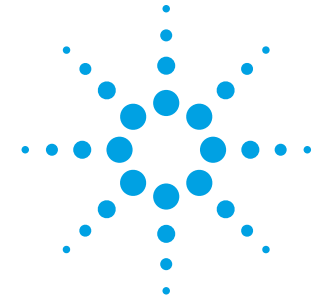


Agilent N5183AEP MXG RF Microwave Signal Generator Express Configuration

Frequency ranges: 100 kHz to 20 GHz



Our most popular product configurations: simpler, faster, more value!

The MXG microwave analog signal generator delivers the performance needed for broadband component manufacturing up to 20 GHz. This instrument provides < 5 ms frequency switching to improve test times for applications like antenna test and manufacturing, with a small size (2RU) to better utilize rack space. Excellent power and level accuracy make the MXG microwave a reliable stimulus for driving high power devices. Included attenuator allows you to create low-level signals for receiver testing.

The Agilent N5183AEP MXG analog RF signal generator express configuration provides excellent value and the fastest delivery of the most popular MXG configurations. Created to get necessary RF tools into your hands more quickly, the express configurations provide the performance of an MXG signal analyzer delivered RIGHT NOW. And as your needs change, you can quickly optimize your test with the MXG's additional options.

Ideal for:

- Broadband component manufacturing
- Radar/military communications
- System depot test
- Education and research laboratories

Applications include:

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

Available performance upgrades:

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

Benefits and features:

- **Throughput**
 - Fast frequency and amplitude switching speed (< 900 μ s, 600 μ s typical)
 - Excellent power and level accuracy
- **Uptime**
 - Reliable design with few assemblies
 - 100% internal diagnostics and 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 (LXI class B)
 - USB 2.0 connectors
 - GPIB interface



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| Key specifications | |
|--------------------------------------|--------------------|
| Frequency ranges | 100 kHz to 20 GHz |
| Output power | +18 dBm (optional) |
| Frequency switching speed | 5 ms |
| Phase noise (10 kHz offset at 1 GHz) | -113 dBc |
| Harmonics (>2 to 20 GHz) | -54 dBc |

| Model | Description | MSRP |
|--------------|---|----------|
| N5183AEP-001 | MXG express: frequency range from 100 kHz to 20 GHz with AM/FM/phase modulation and step attenuator | \$23,440 |

| Options | Description | MSRP |
|--------------|-------------------------|---------|
| N5183AEP-1EA | High output power | \$4,969 |
| N5183AEP-UNW | Narrow pulse modulation | \$5,522 |



N5183AEP 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

Pricing and technical data subject to change without notice.

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