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NI PXIe-5654

Fast-Switching RF Signal Generator

- 250 kHz to 20 GHz
- Up to +24 dBm output power (typical); 130 dB of RF output power range
- 100 μ s frequency switching speed
- -133 dBc/Hz phase noise at 1 GHz, 10 kHz offset (typical)
- AM, FM, phase, and pulse modulation
- Products may require an export license. Scheduled for late 2014 release



Overview

The NI PXIe-5654 signal generator features an ideal combination of exceptional phase noise and tuning time as low as 100 μ s. These features address applications such as blocker testing/receiver desensitization, high-performance intermodulation distortion measurements and various electronic warfare applications.

With up to 20 GHz of high-frequency coverage and 130 dB of RF output power range, this signal generator is designed to meet the challenging requirements of RFIC characterization, satellite test, and other radar applications.

Specifications

Specifications Summary

Resources

Additional Product Information

Related Information

- RF and Microwave Signal Generator Resources
- NI 5681 18 GHz True RMS Power Meter
- PXI RF Instruments