

# VXG Microwave Signal Generator

M9383B & M9384B

## Unmatched power for mmWave applications

A compact design that provides frequency coverage from 1 MHz to 44 GHz, up to 2 GHz RF modulation bandwidth, and dual coherent channels in a single instrument. Working alongside 5G industry leaders, Keysight VXG can help you deliver the next frontier of cellular technology.



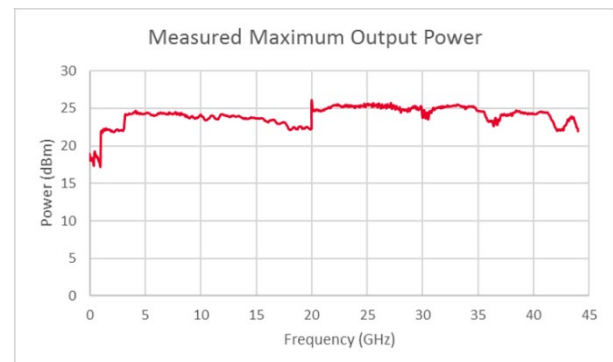
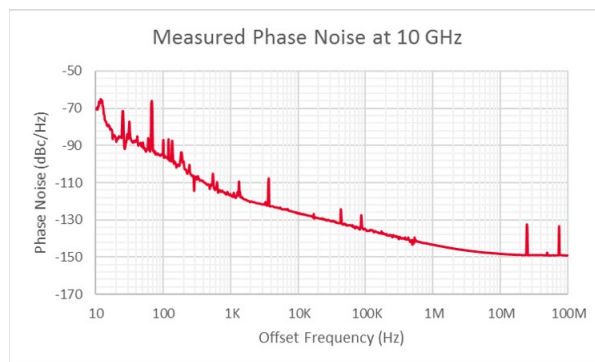
## Key performance data

Metric	Measured performance
Frequency range	1 MHz to 44 GHz
RF modulation bandwidth	2 GHz
EVM, 5G NR, 100 MHz, +10 dBm, 28 GHz and 39 GHz	1.0%
EVM, 5G NR, 400 MHz, +8 dBm, 28 GHz and 39 GHz	1.3% / 1.5%
ACPR, 5G NR, 100 MHz, 0 dBm, 28 GHz	-50 dBc
Phase noise at 10 GHz, 10 kHz offset	-126 dBc/Hz
Maximum output power at 28 and 39 GHz	+24 dBm
Dual channel coherent operation time alignment repeatability	< 10 ps, nominal



## PathWave Signal Generation

Accelerate your product development cycle and gain greater confidence in 5G NR component characterization with embedded software to create standards-compliant waveforms.



Learn more at: [www.keysight.com/vxg](http://www.keysight.com/vxg)



For more information:

Contact your NSCA & Tra-Cal Small Business Partner: Email [info@nscainc.com](mailto:info@nscainc.com)

or call your local sales rep today at 301-527-9200.

