

**COMING SOON**

QuSine

Opto-electronic

# RF/Microwave Signal Generator

with extremely low phase noise



## ULTRA LOW NOISE SIGNAL GENERATOR

Signal integrity and frequency stability are essential distinguishing characteristics of a high frequency microwave signal generator. The QuSinus PureWave signal generator product line has been meticulously designed to deliver the world's best signal purity and frequency stability across a frequency range of 3 GHz to 10 GHz, while maintaining unwavering performance even at high power output levels.

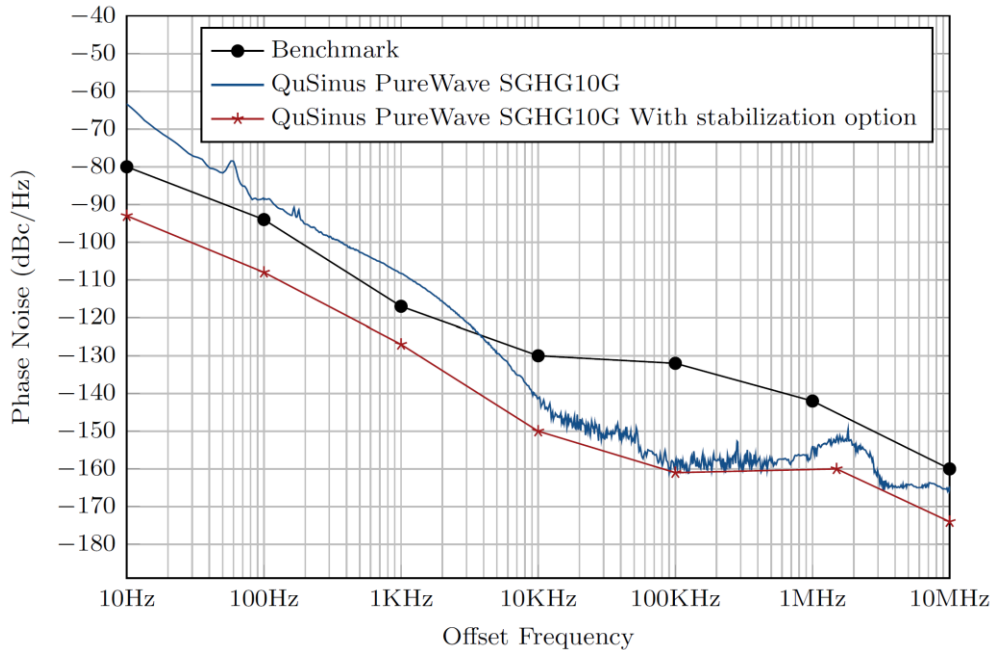
Powered by state-of-the-art technology, our signal generator achieves a precision in time interval measurement that surpasses conventional standards by orders of magnitude.

## KEY FACTS & BENEFITS

- Industry leading phase noise of -155 dBc (meas.) at 10GHz and 100 kHz offset
- Best-in-class jitter of 6 fs at 10 GHz from 1 kHz to 100 MHz offset
- Spurious level: -70 dBc
- Frequency range: 4 GHz, between 3 and 20 GHz
- Tuning resolution: 250 MHz
- Modern state-of-the-art 10" touchscreen

## SIGNAL GENERATOR PERFORMANCE

### Phase-noise at 10 GHz



## OPTIONS

STBM	Stabilization module for low offset frequencies
High output level boundary	+18 dBm <sup>1)</sup>
Low output level option 1	-35 dBm <sup>1)</sup>
Low output level option 2	-70 dBm <sup>1)</sup>
Remote control	Via LAN or USB

<sup>1)</sup> To be characterized

[www.qusine.com](http://www.qusine.com)

**QuSinus GmbH**  
 Am Neuen Markt 9 C  
 14467 Potsdam  
 Germany

**Contact us**  
 Email: [info@qusine.com](mailto:info@qusine.com)  
 Phone: +49 331 5811 6380

