Analog High-Speed Products
Components, Modules and Subsystems

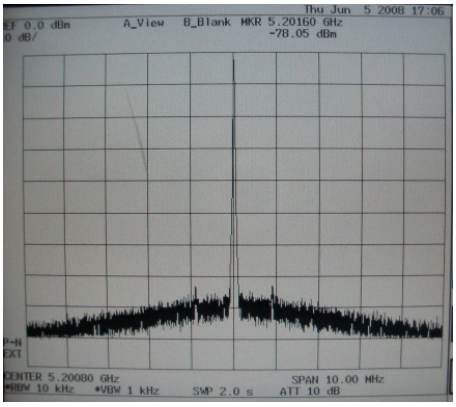
Product Brief

9 kHz to 6000 MHz Signal Generator APSIN6000

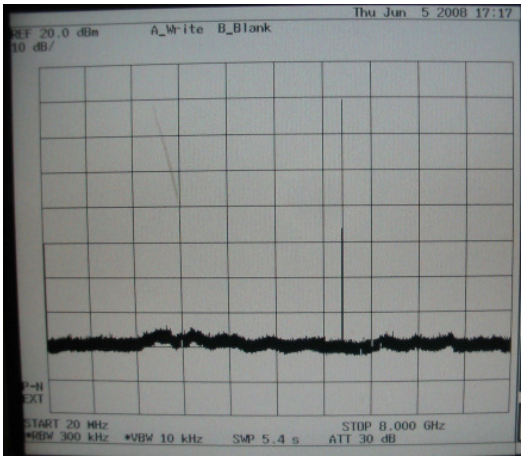
The APSIN6000 is a compact, high-performance signal generator with wide frequency coverage from 9 kHz to 6000 MHz, sub-Hz resolution, and broad power range up to 13 dBm. It provides excellent signal quality with low phase noise, good harmonic suppression and low spurious. It has an internal OCXO reference and can be locked to an external reference. The APSIN6000 is also available with an optional internal battery and weights less than 3 kgs.



Spectrum at 5.2 GHz (RBW=10 kHz, Span =10 MHz)



Wideband spectrum 5.2 GHz/10 dBm Carrier (RBW=300 kHz)



Features

- Internal high-stability reference (OCXO)
- Web browser based control via LAN
- Easy remote access (DLL, VISA/SCPI)

Specifications

- 9 kHz to 6000 MHz
- 1 mHz resolution
- 2 ms frequency and power switching
- Phase noise -120 dBc/Hz @ 20 kHz offset from 2.4 GHz carrier
- >40 dB harmonic suppression
- Output power -60 to +10 dBm (-95 dBm to 13 dBm below 3 GHz)

Applications

- High stability local oscillator
- Automated test systems (ATE)
- EMC testing

Options

- ***B6***: Internal rechargeable battery operation
- ***HC***: Hardware user interface

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