

## 20 GHz RF Signal Generator Features 200-microsecond Frequency Switching Time



Saelig introduced the APSIN20G low-noise, fast-switching microwave signal generator covering a frequency range from 10 MHz up to 20 GHz. It provides micro-Hz frequency resolution, a wide and accurately-flat output power range to 30 dBm, and low spurious levels. Comprehensive AM, low-distortion, wideband DCFM, and high speed pulse modulation allows for testing a wide range of receivers. Its trigger and sweeping modes can be controlled via standard interfaces such as USB-TMC, LAN, and GPIB, and it can operate from an optional internal rechargeable battery. Advanced frequency synthesis with a fractional-N divider makes for low SSB phase noise and micro-Hz frequency resolution. APSIN20G includes AM, DC-coupled wideband-FM, PM, FSK and PSK, frequency chirp, and pulse modulation as standard, and all modulation modes can be combined. The APSIN20G features 200 $\mu$ s frequency switching time, as well as very low SSB phase noise.

### Saelig Company

585-425-3753, [www.saelig.com](http://www.saelig.com) [1]

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[1] <http://www.saelig.com>