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SG22000L – COMPACT WIDEBAND MICROWAVE SIGNAL GENERATOR



REV15



Welcome to the industry standard for compact high-frequency automated signal generation!

2021 REV15 Upgrades!

- Band 1 frequency increased
- Frequency step size **vastly decreased** (1000x)
- Phase noise **dramatically lowered** (>12dB)
- Power calibration improved
- Firmware re-designed
- Sub-harmonics lowered

Device Features:

- Stand-alone buttons and display
- Convenient USB-C power input (1.5A)
- Premium microwave SMA connectors
- 10MHz MCX external reference input
- Stand-alone frequency sweeping
- Free PC control software
- **Optional** Ethernet connection

SG22000L Specifications:

- Frequency Range: 20-22000 MHz
- Band 1 power (<13GHz): -20 to +10dBm
- Band 1 un-calibrated power: -30 to +13dBm
- Band 1 power step: 0.5dB & 0.1dB vernier
- Band 2 power (>13GHz): +15dBm fixed
- Phase Noise (6GHz): -85dBc @ 10KHz
- Phase Noise (18GHz): -73dBc @ 10KHz
- Harmonics: < -12dBc (worst case)
- Dimensions: 2.75" x 1.25" x 4.15"
- Min frequency step size: 2Hz
- Internal reference: 10MHz (± 280 PPB)

Visit us for control software and tech support: www.dsinstruments.com/downloads/

Please see the datasheet for more information.

Thanks for your business!

