



DS INSTRUMENTS

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SG6000PRO – COMPACT WIDEBAND MICROWAVE SIGNAL GENERATOR



The industry standard in affordable, reliable, and compact signal generation!

Features List – REV4

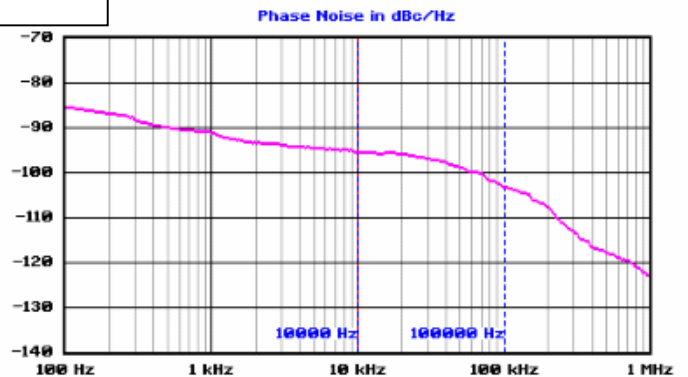
- Wideband frequency range: **50 – 6500MHz** (usable to 8GHz)
- Frequency step size: 10Hz
- Calibrated power adjustment (-50 to +10dBm in **0.25dB steps**)
- Un-calibrated +15dBm output possible at most frequencies
- Vernier power control (0.05dB fine tune, 10dB range)
- Internal 100MHz ultra-low phase-noise crystal oscillator
- Reference ports: 10MHz & 100MHz (MCX)
- Internal 10MHz reference source: ± 280 PPB
- Internal **harmonic filtering** matrix (-35dBc typical)
- Front panel controls & remote USB SCPI serial commands
- Low phase noise: **<-95dBc @ 6.0GHz @ 10KHz Offset**
- Frequency sweeping support
- Audio, LED, and OLED display user feedback
- Simple control GUI for PC computer
- USB-Type-C powered with low voltage warning
- Optional Ethernet connection

PC Control Software Download:

www.dsinstruments.com/downloads/



Visit us online at www.DSINSTRUMENTS.com for more information!



Trace	Carrier Hz	dBc/Hz at 10000 Hz	RMS Jitter
PRO-R4-Int10	5 999 999 590	-95.4	1.3E-013 s

