

AP5001A and AP5002A RF and Microwave Analog Signal Generator

Portable, Pure Signal Source for RF Characterization

The portable, general-purpose Keysight RF/ μ W analog signal generator enables you to characterize and fully stress-test your devices up to 26 GHz quickly and confidently. Thoroughly characterize your device with the signal generator's **best-in-class output power range** and **phase noise**. Plus, accelerate testing with the superior frequency **switching speed**. All of this is backed by Keysight's three-year warranty and KeysightCare Technical Support to de-risk your projects. Keysight offers a portfolio that can scale to meet all your signal generation needs with unmatched purity and precision.

	AP5001A RF analog	AP5002A μ W analog
Frequency range	9 kHz to 2, 4, or 6.1 GHz	9 kHz to 12, 20, or 26 GHz (30 GHz settable)
Output power range	-30 to +17 dBm; -120 to +17 dBm (Opt. 1E1)	-20 to +15 dBm; -120 to +23 dBm (Opt. 1E1/1EA)
Phase noise at 1 GHz, 20 kHz offset	-128 dBc/Hz, -130 dBc/Hz typ.	-128 dBc/Hz, -130 dBc/Hz typ.
Harmonics at 1 GHz	-30 dBc, -40 dBc typ.	-30 dBc, -40 dBc typ.
Non-harmonics at 1 GHz	-55 dBc, -65 dBc typ.	-65 dBc, -75 dBc typ.
Frequency switching speed	200 μ s	300 μ s
Modulation capabilities	AM, FM, PM, pulse, frequency chirps	AM, FM, PM, pulse, frequency chirps
Weight	\leq 2.5 kg / 6 lbs	\leq 2.5 kg / 6 lbs
Calibration cycle	24 months	24 months

For more information www.keysight.com/find/AP500xA

AP5001A	RF Analog Signal Generator
AP5001A-502	Frequency range, 9 kHz to 2 GHz
AP5001A-504	Frequency range, 9 kHz to 4 GHz
AP5001A-506	Frequency range, 9 kHz to 6.1 GHz
AP5001A-1E1	Step attenuator
AP5002A	Microwave Analog Signal Generator
AP5002A-512	Frequency range, 9 kHz to 12 GHz
AP5002A-520	Frequency range, 9 kHz to 20 GHz
AP5002A-526	Frequency range, 9 kHz to 26 GHz
AP5002A-1E1	Step attenuator
AP5002A-1EA	High output power

