



## Handheld Synthetic Radio Frequency Generator

### OHSG30330

- A continuous set of 300 MHz ~ 3000 MHz covers the vast majority of mobile communication frequency band.
- Automatic uninterrupted and continuous scanning can be realized with 1 MHz step by step.
- Main output power up to 30 dBm and the power adjusting range not less than 6 dB.
- Preset with the most commonly used 10 test frequency points; Specific frequencies can be set according to user's requirements.
- Test time is greatly shortened.

Model	OHSG30330
Frequency Range	300 MHz ~ 3000 MHz
Frequency Point Resolution	1 MHz
Continuous Frequency Sweep Range	300 MHz to 3000 MHz
Frequency Accuracy	< ±20 ppm
Frequency Stability	±0.5 ppm/°C
The Main Output Power	>30 dBm/1w
The Main Output Flatness	±1 dB
The Main Output Stability	0.01 dB/°C
The Main Output Harmonic Component	< -40 dBc
The Main Output Clutter Component	< -70 dBc
The Main Output Sub-Harmonic Component	< -80 dBc
Auxiliary Output Power	>-10 dBc/0.1 mW
Auxiliary Output Flatness	±1 dB
Auxiliary Output Stability	0.01 dB/°C
Nominal Impedance	50 Ω
Output Standing Wave Ratio	<1.5
DC Tolerance	50 V (main output) / 5 V output (auxiliary output)
Internal Power	Lithium ion battery with high reliability
External Power Supply	5 V / 2 A DC
RF Connector	Type N (female)
Auxiliary Output	SMA (female)
Operation Temperature	-20 ~ +50°C (relative humidity < 95%)
Storage Temperature	-40 ~ +70°C (relative humidity < 70%)
Operation Altitude	5000 meters
Storage Altitude	14000 meters
ESD	>2KV
Dimensions	120 mm x 200 mm x 50 mm
Weight	700 g