

# Broadband Signal Source RFSSV236-608

### **Features:**

- Precise Frequency Control
- Amplitude Control
- Low Phase Noise
- Multi-Mode Operation (Extended by GUI)
- Long Battery Life (8 Hrs)
- Small & Rigid design
- Economical
- Software Operated

# **Description:**

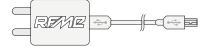
The RFSSV236-608 is a Signal Source which operates in frequency ranges from 23 MHz to 6 GHz with 10 KHz resolution. The signal output uses a SMA connector to facilitate the connection to RF test equipment.

# **Applications:**

- Wireless infrastructure (W-CDMA, TD-SCDMA, WiMAX, GSM, PCS, DCS, DECT
- Test equipment and Passive Device Testing
- CATV equipment
- Stable Reference for Clock generation

# **Standard Accessories:**

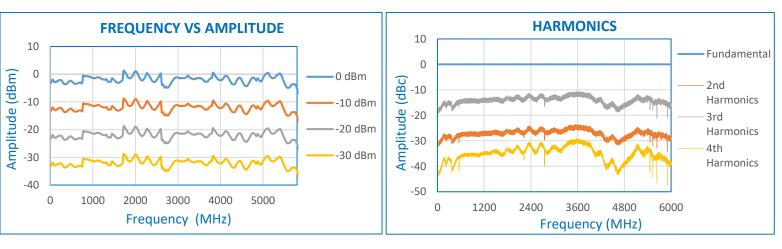
- Type-B USB Charger (5V 2A) (Figure 1)
- SMA(M) to SMA(M) 50 Ohms cable 0.25 M (Figure. 2)







<b>Electrical Specification</b>	s:
Frequency Range:	23 MHz to 6 GHz
Output Power :	-3.3 to -30 dBm ± 3 dB
Output Impedance:	50 Ohm
Mode of Operation:	Single/Sweep/Pulse
Sweep Time:	100 msec – 100 sec.
Harmonic Response:	Minimum 12 dBc
Spurious Response:	Minimum 60 dB
Phase Noise:	-120 dBc/Hz @ 100KHz
Center Frequency Drift:	±0.1 %
Resolution :	10 KHz
External Trigger Input:	3 V (Maximum)
USB Interface:	Туре-В
OLED Display :	27.0 X 11.5 mm (128 x 32)
Charging Voltage:	5V /2A Maximum
Operating temperature:	0 °C to 50 °C
Battery Operation :	8 Hours on a single charge
Output Connector:	SMA (F)
Power Consumption:	1.10 Watt (Max.)
Mechanical Specifications:	
Dimensions (mm) :	(A) = 165.5 (H) = 143.3 (S) = 82.74
Shape:	Hexagonal shape
Weight	500 gm



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A. Electrical specification and Performance data contained in this specification document are based on RFME's applicable established test performance criteria and measurement instruction. B. The parts covered by this specification document are subject to RFME standard limited warranty and terms & conditions.