

SIGNAL SOURCES **RFTxV228-258**

Features:

- Long Life Battery operation •
- Economical
- Small & Rigid design

Description:

The RFTxV228-258 is a transmitter which operates in frequency ranges from 2230 MHz to 2450 MHz The signal output uses a SMA connector to facilitate the connection to RF test equipment.

Applications:

- Scientific equipment manufacturer
- **EMC** Test laboratories •
- Antenna manufacturer •
- Testing of shielding effectiveness
- Engineering and technology colleges
- Amateur Radio services •
- WIMAX
- Bluetooth, Wi-Fi, ZigBee, wireless LAN, WCDMA (3G)

Standard Accessories:

- Charger (Figure 1)
- SMA(M) to SMA(M) 50 Ohms cable 10" • (Figure 2)

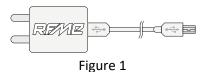
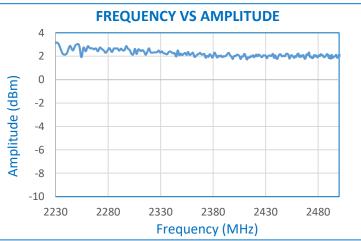




Figure 2 **FREQUENCY VS NO OF STEPS** 2600 2550 2500 Frequency (MHz) 2450 2400 2350 2300 2250 2200 100 0 50 150 200 250 No of steps MICROTECH ELECTRONICS, VADODARA, GUJARAT, INDIA. RF



Electrical Specificatio	ns:
Frequency Range:	2230 MHz to 2450 MHz
Output Power:	2 ±2 dBm
Harmonics:	Min. 30 dBc
VSWR:	2:1, all Phases
Output Impedance:	50 Ohm
Mode of Operation:	Single/ Sweep
Sweep Time:	1s/2s/5s/10s
Phase Noise:	-102dBc/HZ @ 100KHz
Frequency Drift Rate:	0.8 MHz/°C
Center Frequency Drift:	1%
Number of Steps:	250
Frequency Resolution:	10 MHz Typical
Display :	4 Digit 7 Segment LED
Operating temperature:	0 °C to 50 °C
Battery Operation :	8 Hour for single charge
Connector:	SMA Female
Power Consumption:	0.3 Watt (Max.)
Mechanical Specificat	tions:
Dimensions (mm) :	(A) = 138.2 (H) = 115 (S) = 66.4
Shape:	Hexagonal shape
Weight :	300 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.