

# SIGNAL SOURCES RFTxV298-368

#### **Features:**

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

#### **Description:**

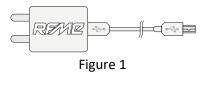
The RFTxV298-368 is a transmitter which operates in frequency ranges from 2960 MHz to 3610 MHz The signal output uses a SMA connector to facilitate the connection to RF test equipment.

## **Applications:**

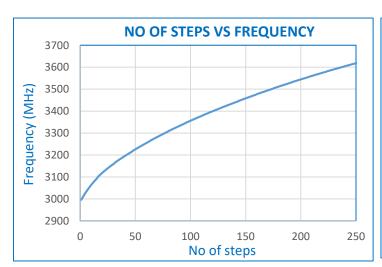
- Scientific equipment manufacturer
- EMC Test laboratories
- Antenna manufacturer
- Testing of shielding effectiveness
- Engineering and technology colleges
- Amateur Radio services
- WiMAX
- Microwave Ovens

### **Standard Accessories:**

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

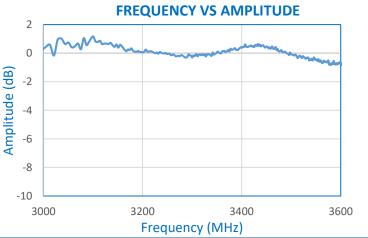








Electrical Specificatio		
Frequency Range:	2960 MHz to 3610 MHz	
Output Power:	0± 1.2 dBm	
Harmonics:	Min.7 dBc	
VSWR:	2:1, all Phases	
Output Impedance:	50 Ohm	
Mode of Operation:	Single/ Sweep	
Sweep Time:	1s/2s/5s/10s	
Phase Noise:	-102dBc/HZ @ 100KHz	
Frequency Drift Rate:	0.8 MHz/°C	
Center Frequency 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.)	
<b>Mechanical Specificat</b>	tions:	
Dimensions (mm):	(A) = 138.2 (H) = 115 (S) = 66.4	A
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.