

SIGNAL SOURCES **RFTxV497-657**

Features:

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

Description:

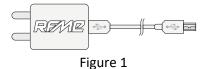
The RFTxV497-657 is a transmitter which operates in frequency ranges from 494 MHz to 655 MHz The signal output uses an SMA connector to facilitate the connection to RF test equipment.

Applications:

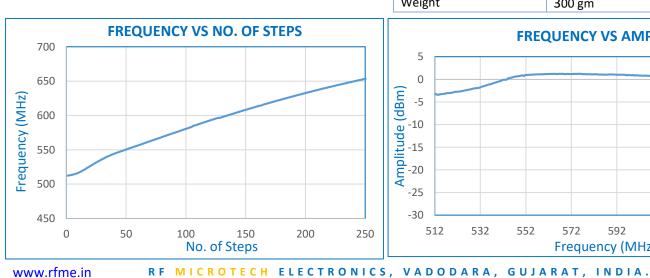
- Scientific equipment manufacturer
- **EMC** Test laboratories •
- Antenna manufacturer •
- Testing of shielding effectiveness •
- Engineering and technology colleges •
- Amateur Radio services •

Standard Accessories:

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

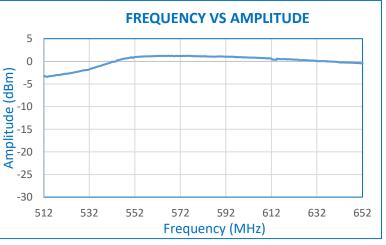








Electrical Specificatio	ns:
Frequency Range:	494 MHz to 655 MHz
Output Power:	-1 ± 2.5 dBm
Harmonics:	Min 30 dBc
VSWR:	2:1, all Phases
Output Impedance:	50 Ohm
Mode of Operation:	Single/ Sweep
Sweep Time:	1s/2s/5s/10s
Phase Noise:	-102dBc/HZ @ 100KHz
Frequency Drift Rate:	0.8 MHz/°C
Center Frequency Drift:	1%
Number of Steps:	250
Frequency Resolution:	10 MHz Typical
Display :	4 Digit 7 Segment
Operating temperature:	0 °C to 50 °C
Battery Operation :	8 Hour for single charge
Connector:	SMA Female
Power Consumption:	0.3 Watt (Max.)
Mechanical Specifica	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.