

**Features:**

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

**Description:**

The RFTxV197-257 is a transmitter which operates in frequency ranges from 194 MHz to 255 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
- Fixed Satellite services
- Amateur Radio services

**Standard Accessories:**

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

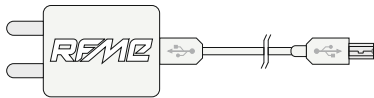


Figure 1



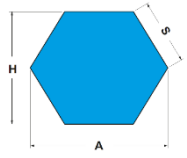
Figure 2



**Electrical Specifications:**

Frequency Range:	194 MHz to 255 MHz
Output Power:	-1.5 ±1.5 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:	-107dBc/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 Specifications:**

Dimensions (mm) :	(A) = 138.2 (H) = 115 (S) = 66.4	
Shape:	Hexagonal shape	
Weight :	300 gm	

