

**RFTxV198-238**

**Features:**

- Long Battery Life
- Economical
- Small & Rigid design

**Description:**

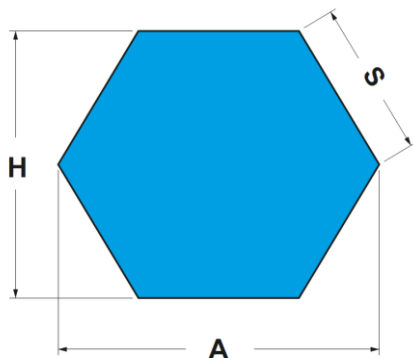
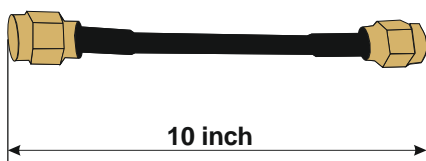
The RFTxV198-238 is a Signal Source which operates from 1930MHz to 2310MHz. The signal output uses an SMA connector to facilitate the connection to RF test equipment.

**Applications:**

- Scientific equipment manufacturing
- EMC Test laboratories
- Antenna manufacturing
- Testing of shielding effectiveness
- Engineering and technology colleges
- Mobile communications including IMT-2000/UMTS
- Bluetooth, Wi-Fi, ZigBee, wireless LAN, WCDMA

**Standard Accessories:**

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



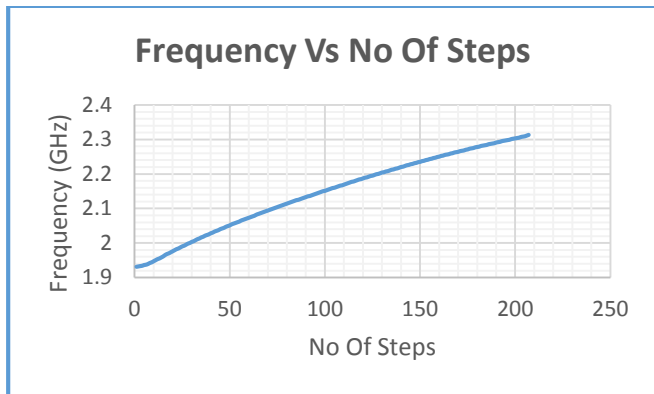
**Electrical Specifications:**

|                         |                          |
|-------------------------|--------------------------|
| Frequency Range:        | 1930 MHz to 2310 MHz     |
| Output Power:           | 0 ±5 dBm                 |
| Harmonics:              | -17dBc                   |
| VSWR:                   | 2:1, all Phases          |
| Output Impedance:       | 50 Ohm                   |
| Mode of Operation:      | Single/ Sweep            |
| Sweep Time:             | 1s/2s/5s/10s             |
| Phase Noise:            | -125 dBc/Hz @100 kHz     |
| Center Frequency Drift: | ±1 %                     |
| Number of Steps:        | 207                      |
| 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.)          |

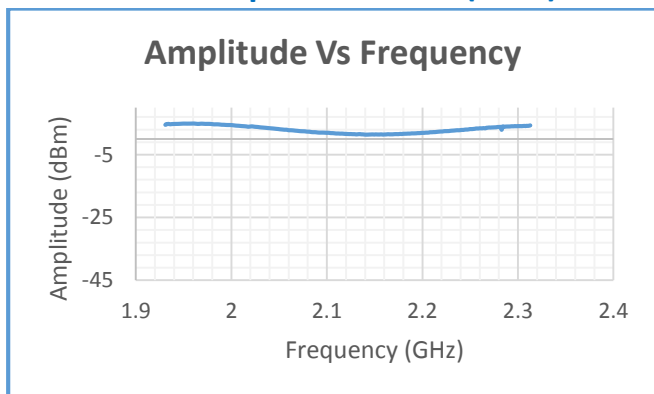
**Mechanical Specifications:**

|                |                          |
|----------------|--------------------------|
| Dimension:     | Across sides (H) = 115mm |
|                | Side (S) = 66.4mm        |
| Shape:         | Hexagonal shape          |
| Weight:        | 300gm                    |
| Size (A x H) : | 138.2mm x 115mm          |

**Normalized Frequency steps:**



**Normalized Amplitude Value (dBm):**



**Normalized Harmonic Output Spectrum:**

