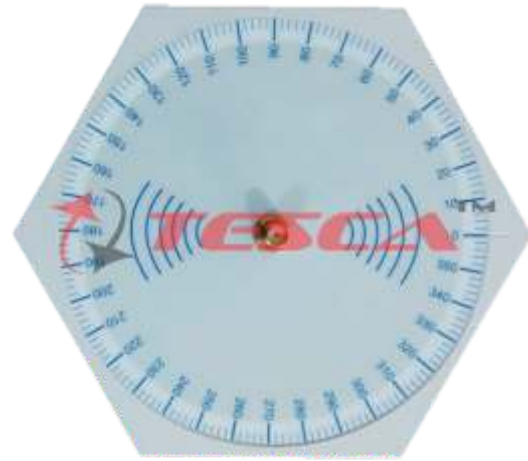


Features:

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

Description:

The TFTxV208-228 is a transmitter which operates in frequency ranges from 2050MHz to 2250MHz. 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
- Fixed Satellite services
- WiMAX
- Radar Technology

Standard Accessories:

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

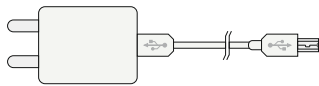


Figure 1




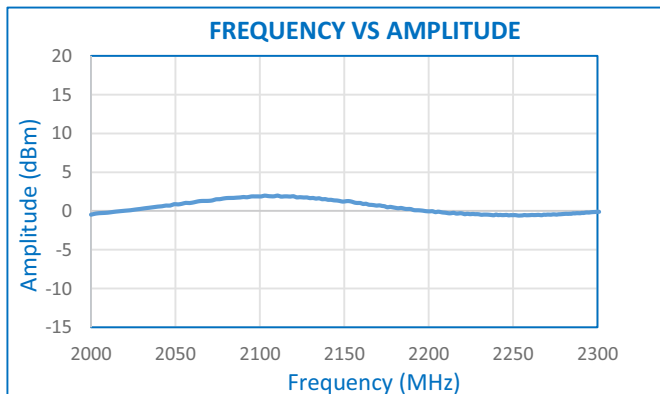
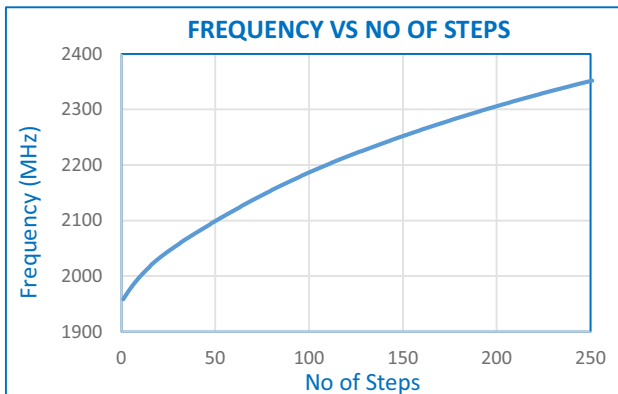
Figure 2

Electrical Specifications:

| | |
|-------------------------|--------------------------|
| Frequency Range: | 2050 MHz to 2250 MHz |
| Output Power: | 1 ± 1dBm |
| 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 | |



Note: Specifications are subject to change.