RFTx Signal Source

RFTxV628-768

Features:

- Long Battery Life
- Economical
- Small & Rigid design

Description:

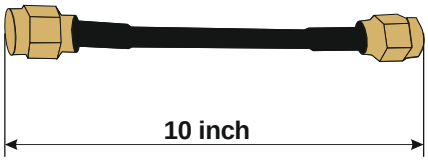
The RFTxV628-768 is a transmitter which operates from 6250MHz to 7650MHz.The signal output uses an SMA connector to facilitate the connection to RF test equipment.

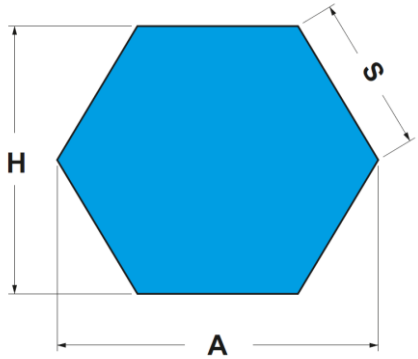
Applications:

- Scientific equipment manufacturing
- EMC Test laboratories
- Antenna manufacturing
- Testing of shielding effectiveness
- Engineering and technology colleges
- Telemetry Tracking and command (TT & C) subsystem for small satellite applications (5.9 to 6.5 GHz)
- VSAT radio
- Point to Point/Multipoint Radio
- Test Equipment & Industrial Controls
- Military End-Use

Standard Accessories:

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





Electrical Specifications:	
Frequency Range:	6250 MHz to 7650 MHz
Output Power:	0 ±7 dBm
Harmonics:	-15dBc
VSWR:	2:1, all Phases
Output Impedance:	50 Ohm
Mode of Operation:	Single/ Sweep
Sweep Time:	1s/2s/5s/10s
Phase Noise:	-106 dBc/Hz @100 kHz
Frequency Drift Rate:	0.8 MHz/°C
Center Frequency Drift:	±1 %
Number of Steps:	244
Frequency Resolution:	10 MHz Typical
Display :	4 Digit 7 Segment
Operating temperature:	0 °C to 50 °C
Battery Operation :	8 Hours on a 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

RF MICROTECH ELECTRONICS

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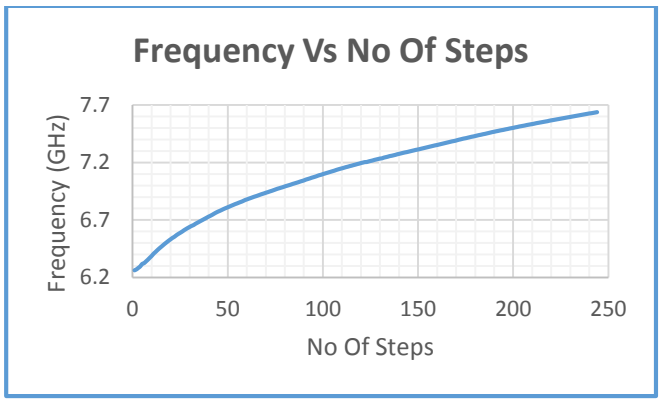
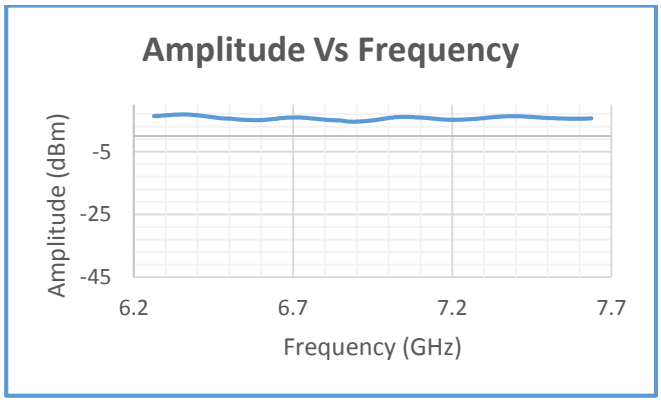
Normalized Frequency steps:



Normalized Amplitude Value (dBm):



Normalized Harmonic Output Spectrum: