RF MICROTECH ELECTRONICS

RFTx Signal Source

RFTxV248-288

Features:

- Long Battery Life
- Economical
- Small & Rigid design

Description:

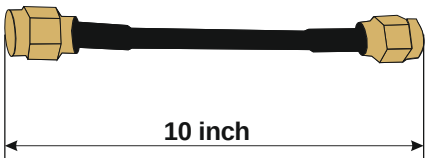
The RFTxV248-288 is a signal source which operates from 2410MHz to 2870MHz.The signal output uses an SMA connector to facilitate the connection to RF test equipment.

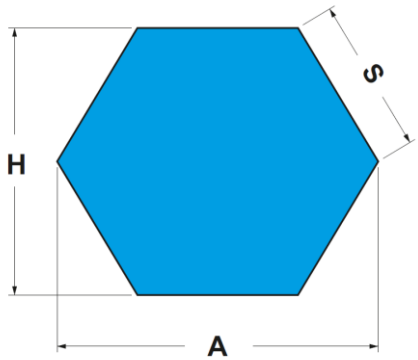
Applications:

- Scientific equipment manufacturing
- EMC Test laboratories
- Antenna manufacturing
- Testing of shielding effectiveness
- Engineering and technical colleges
- Microwave/ovens
- Microwave devices/communications
- Bluetooth, Wi-Fi, ZigBee, wireless LAN
- Radio/astronomy

Standard Accessories:

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





Electrical Specifications:	
Frequency Range:	2410 MHz to 2870 MHz
Output Power:	0 ±3 dBm
Harmonics:	-5dBc
VSWR:	2:1, all Phases
Output Impedance:	50 Ohm
Mode of Operation:	Single/ Sweep
Sweep Time:	1s/2s/5s/10s
Phase Noise:	-114 dBc/Hz @100 kHz
Frequency Drift Rate:	0.3 MHz/°C
Center Frequency Drift:	±1 %
Number of Steps:	249
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 Specifications:	
Dimension:	Across sides (H) = 115mm
	Side (S) = 66.4mm
Shape:	Hexagonal shape
Weight:	300gm
Size (A x H) :	138.2mm x 115mm

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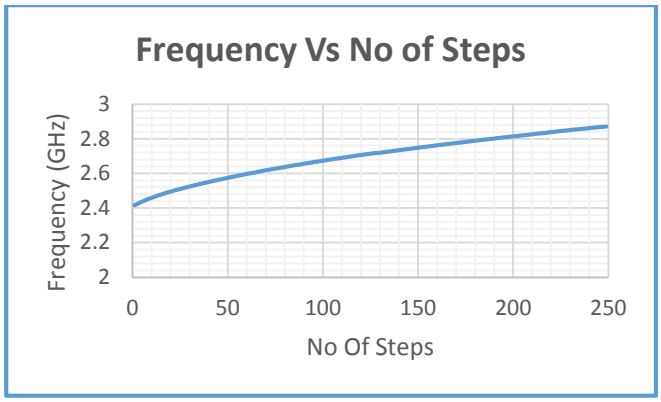
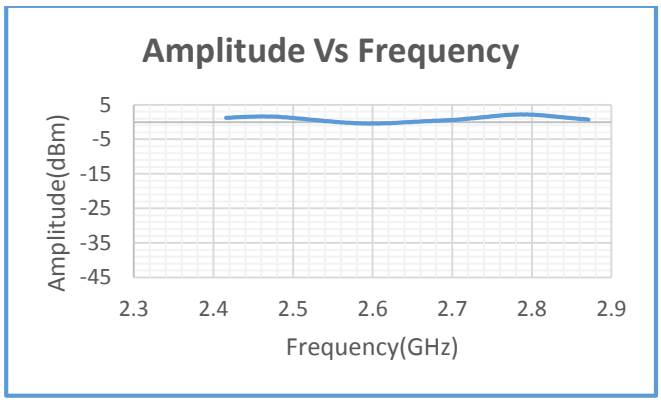
Normalized Frequency steps:



Normalized Amplitude Value (dBm):



Normalized Harmonic Output Spectrum: