



CG118-250RF

Comb Generator

- Frequency Range: 1GHz-18GHz
- Frequency step:250MHz



EMC Instruments corporation

Sales Partner:



ABSOLUTE EMC Llc.
Covering sales in North America
United States, Mexico, & Canada

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Features

- Frequency Range: 1GHz-18GHz
- Frequency step:250MHz



Description

The CG118 series Comb Generator is a radiated reference signal source. As a conducted signal source, the output is available directly from the connector. An antennas is supplied with the Comb Generator for generating radiated reference signals. It is a self-contained source of signals consisting of frequency harmonics at 250MHz intervals, and is usable from 1GHz up to at least 18GHz.

The Comb Generator is powered by a rechargeable internal battery and external power cable connection. When fully charged, the battery allows continuous operation of up to 8hours . The Comb Generator includes a battery charger , USB cable , antenna and accessories and are shipped in a wooden storage box.



Application

The main application of Comb Generator is to quickly verify radiated emissions test setups. And the most important application is troubleshooting Open Area Test Sites (OATS)/Chamber . An OATS must be completely calibrated before it is put into service.

With the Comb Generator, the test engineer will be able to perform quick a verification of the test setup more frequently to assure accurate test results . For example , any problem or change with antenna, attenuator or receiver will be reflected in the Comb Generator data with the same setup . The same method can be utilized when EMC emissions measurements for a product varies with sites. The Comb Generator can be used to determine if the test sites are causing the variation.

Other uses of the Comb Generator include evaluating shielding effectiveness or resonance performance of enclosures for electronic equipment.

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Specification

Frequency Range	1GHz – 18GHz
Frequency Step	250MHz
Power Requirements	USB mini,+5Vdc
Output connectors	50 ohm , SMA Female
Charging time	8~10 Hours
Usage time	8 Hours
Size	120mm(W)*82mm(D)*120mm(H)
Net Weight	960g

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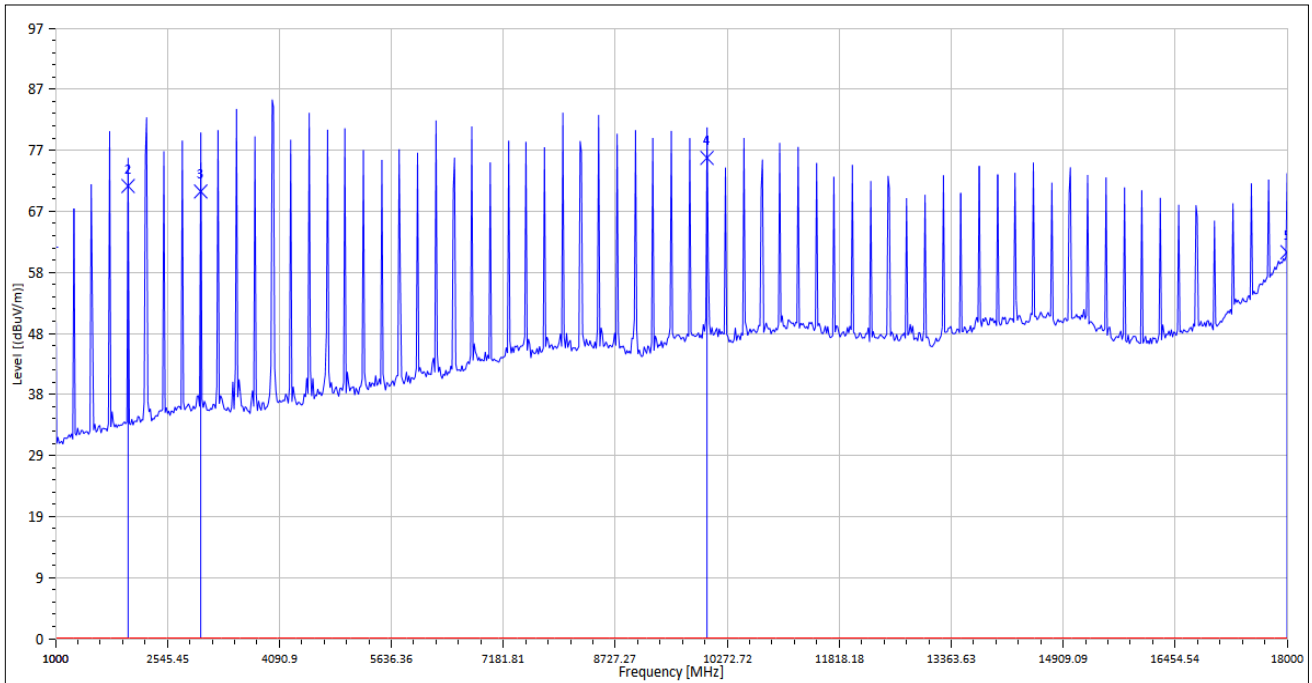


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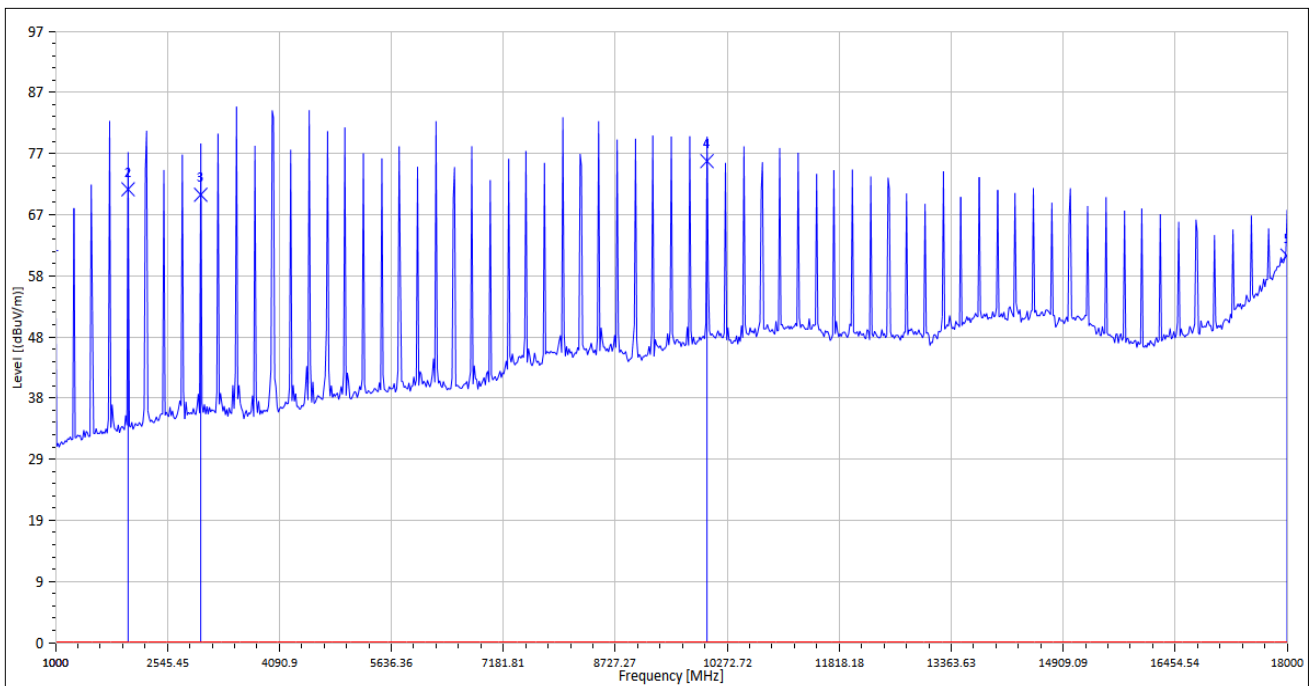
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Horizontal



Vertical



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