



# CG01-025

- **Comb Generator**

- ● Frequency Range: 25MHz -6GHz
- ● Frequency step:25MHz



EMC Instruments corporation

Sales Partner:



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

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## Features

- Frequency Range: 25MHz -6GHz
- Frequency step:25MHz

## Features Description

The CG01 series Comb Generator is a radiating reference signal source. It can be used as a conducted signal source, with the output is available directly from the connector. An antenna is supplied with the Comb Generator for generating radiated reference signals. It is a self-contained source of signals consisting of frequency harmonics at 25 MHz intervals, and is usable from 25MHz up to at least 6 GHz.

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 16 hours. The Comb Generator is included with a battery charger, USB cable, antennas and accessories are shipped in a wooden storage box.



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## Application

The main application of Comb Generator is to quickly verify radiated emissions test setups. And the most important application is troubleshooting OATS (Open Area Test Sites) and EMI chambers. 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 conducted 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.

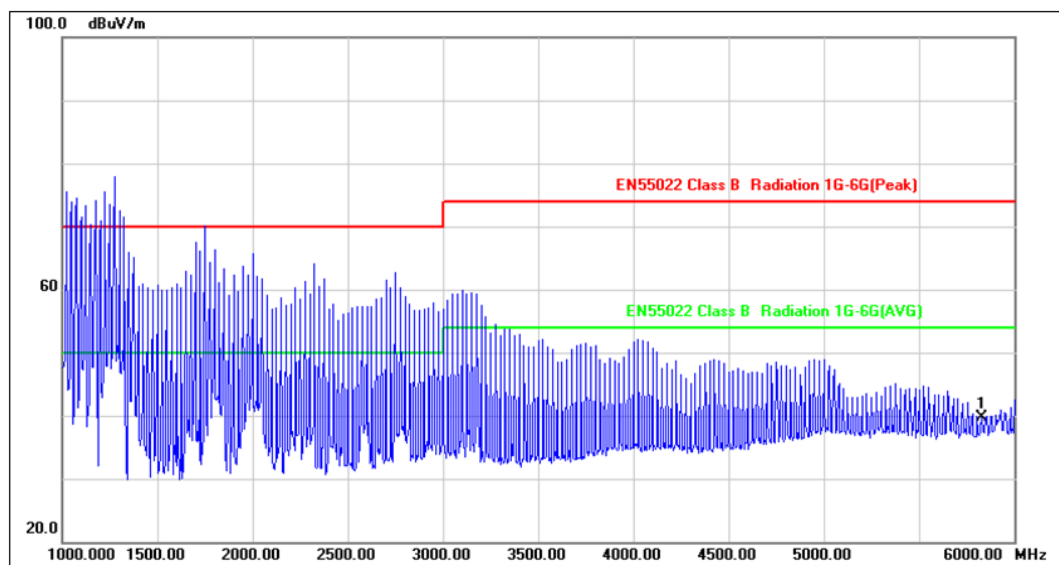
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## Specification

Frequency Range	25MHz - 6GHz
Frequency Step	25MHz
Power Requirements	USB mini,+5Vdc
Output connectors	50 ohm , SMA Female
Charging time	8~10 Hours
Usage time	16Hours
Size	120mm(W)*82mm(D)*85mm(H)
Net Weight	1.1Kg

## Vertical



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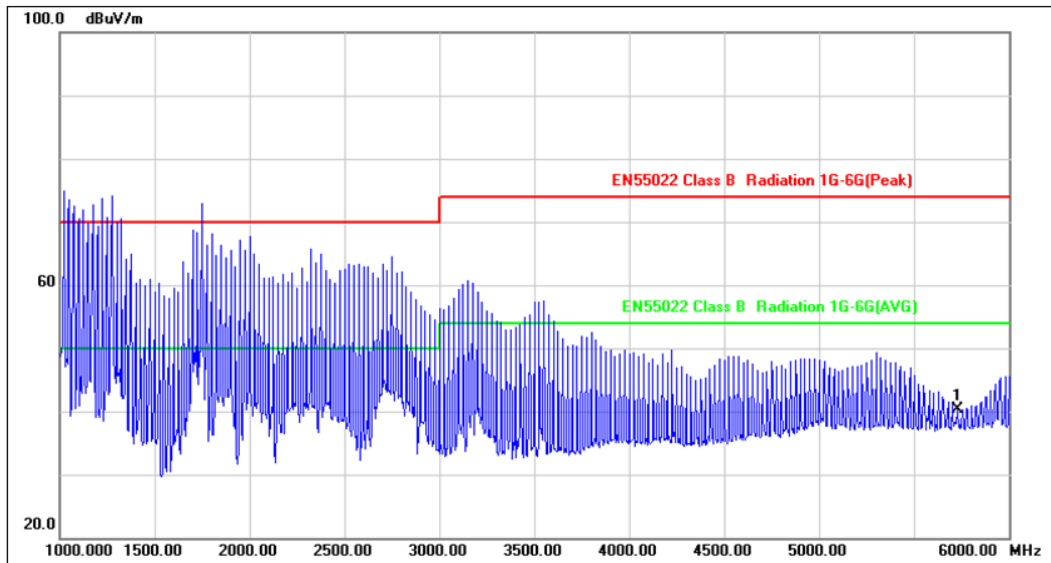


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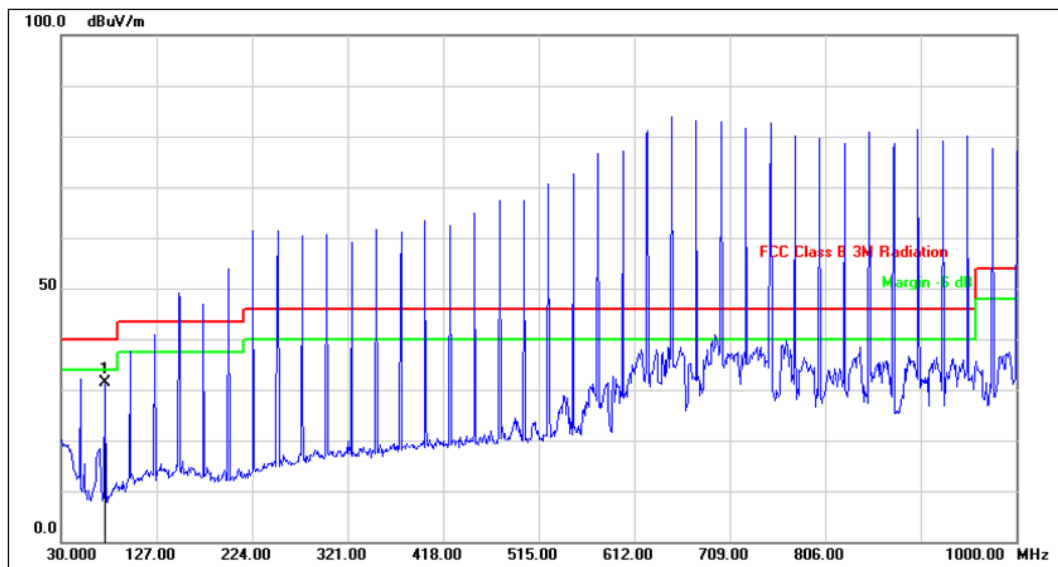
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# Horizontal



# Vertical



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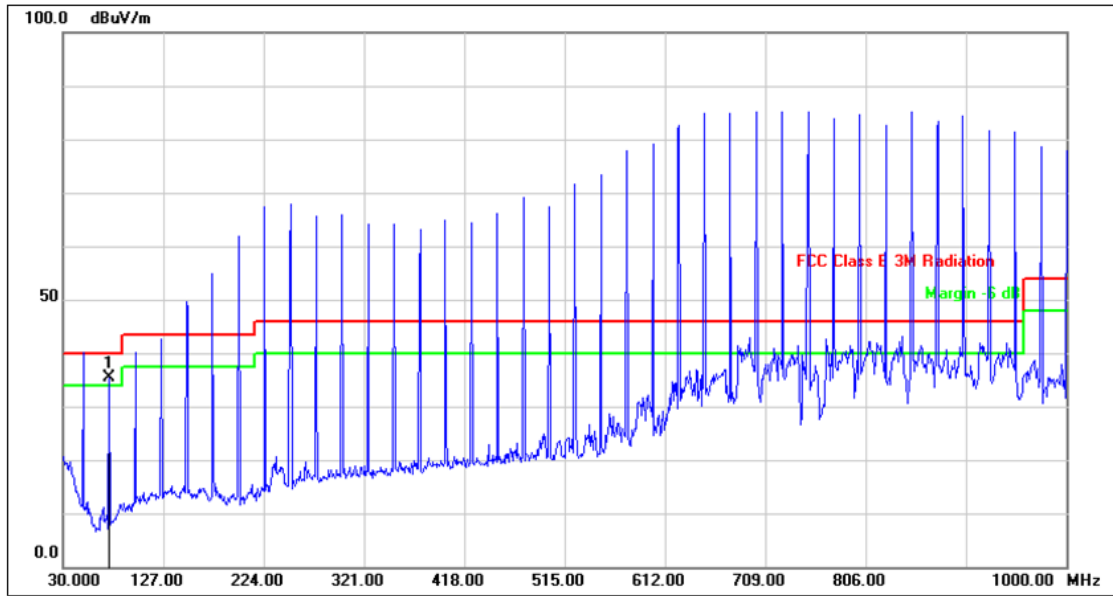


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# Horizontal



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