



CG 08-100R

Comb Generator

- Frequency Range: 100MHz -7.5GHz
- Frequency step: 100MHz



Sales Partner:



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

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Features

- Frequency Range: 100MHz -7.5GHz
- Frequency step: 100MHz

Features Description

The CG08 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 100 MHz intervals, and is usable from 100MHz up to at least 7.5 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 that 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 OATS (Open Area Test Sites)/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	100MHz – 7.5GHz
Frequency Step	100MHz
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

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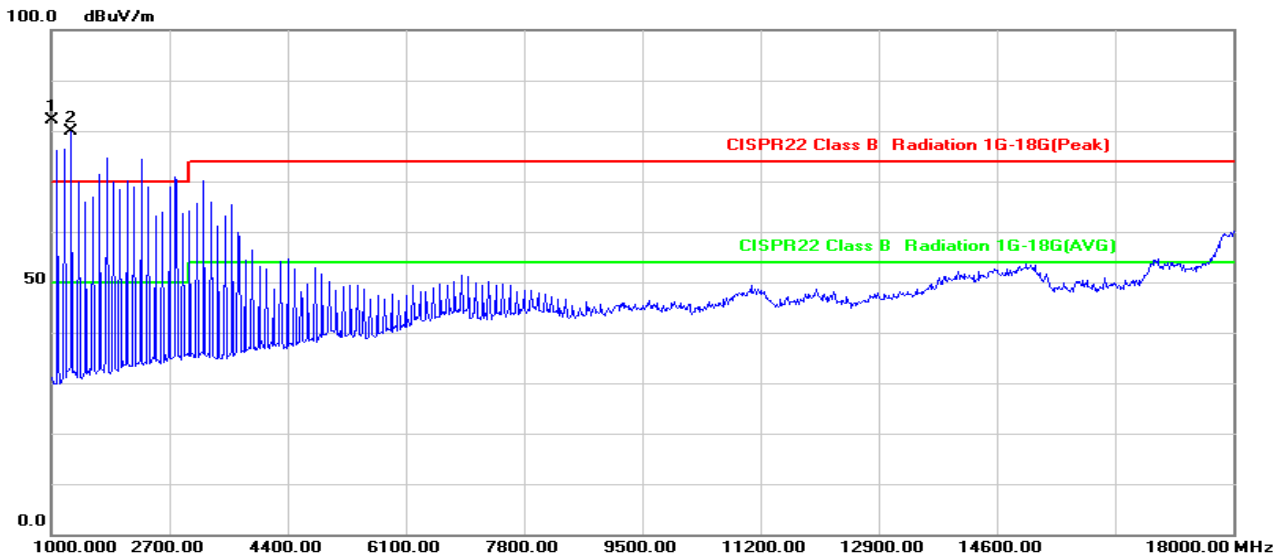
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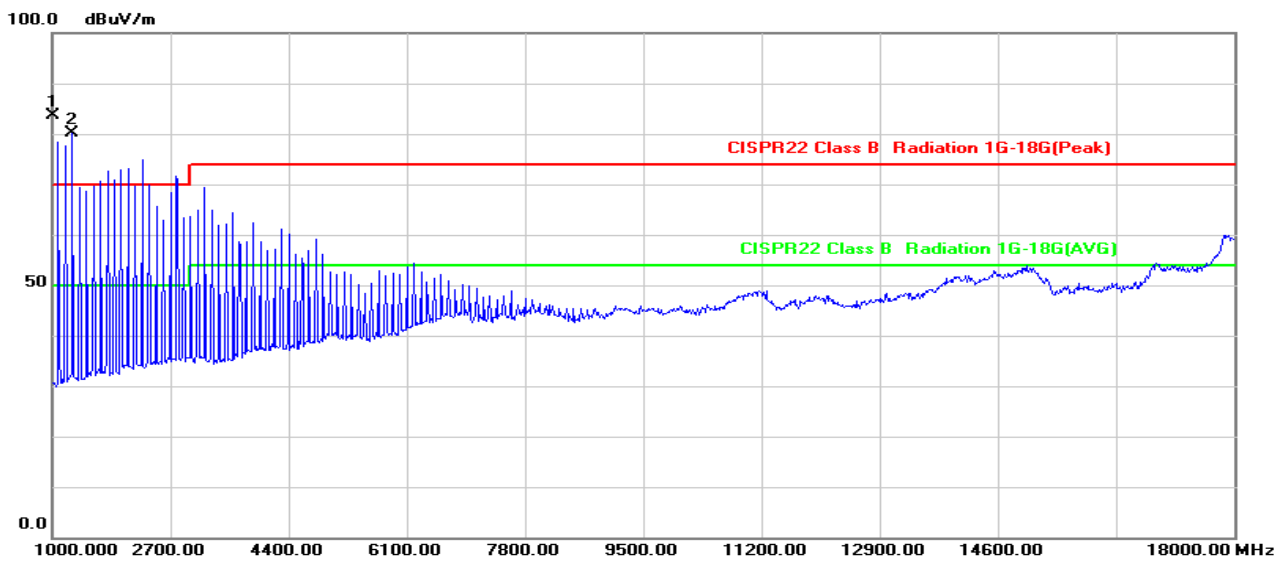


TEST REPORT

Vertical



Horizontal



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