



CG126

Comb Generator

- Frequency Range: 250MHz -26.5GHz
- Usable Frequency Range: 250MHz -40GHz
- Frequency step:250MHz



EMC Instruments corporation

Sales Partner:



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Features

- Frequency Range: 250MHz -26.5GHz
- Usable Frequency Range: 250MHz -40GHz
- Frequency step:250MHz

Description

The CG126 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 26.5GHz.

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 conducted emissions test setups. And the most important application is troubleshooting ATS (Open Area Test Sites). 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.



Specification

Frequency Range	250MHz – 26.5GHz
Usable Frequency Range	250MHz - 40GHz
Frequency Step	250MHz
Power Requirements	USB mini,+5Vdc
Output connectors	50 ohm,2.92mm Female
Charging time	8~10 Hours
Usage time	8 Hours
Size	120mm(W)*82mm(D)*85mm(H)
Net Weight	1.1Kg

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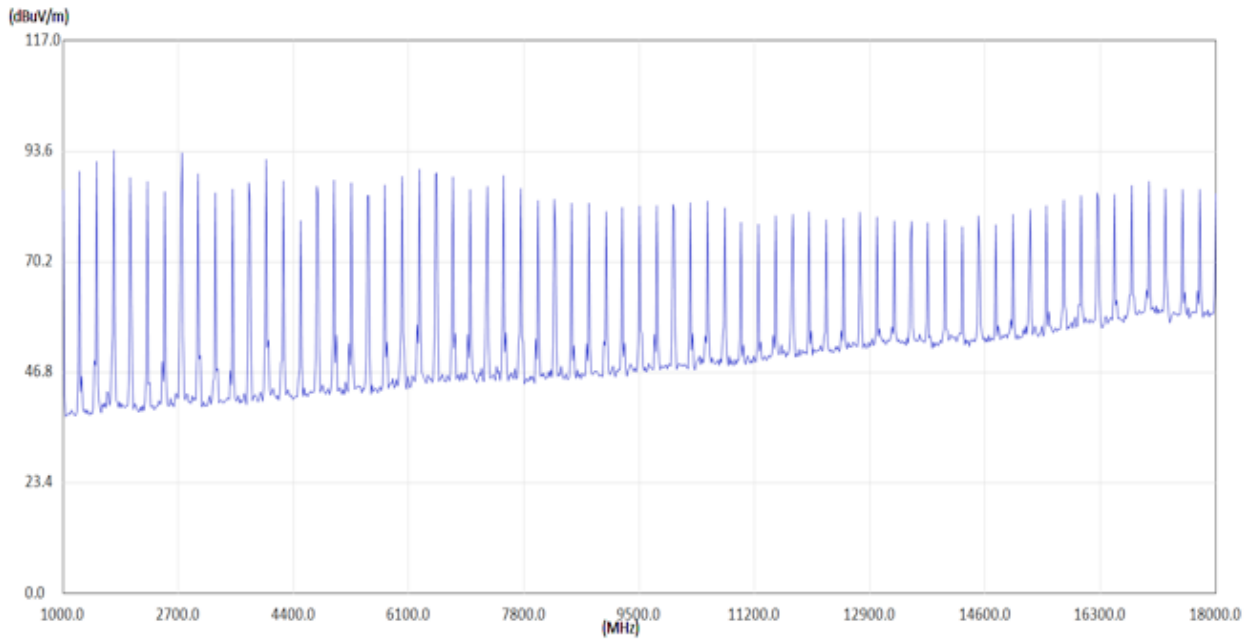
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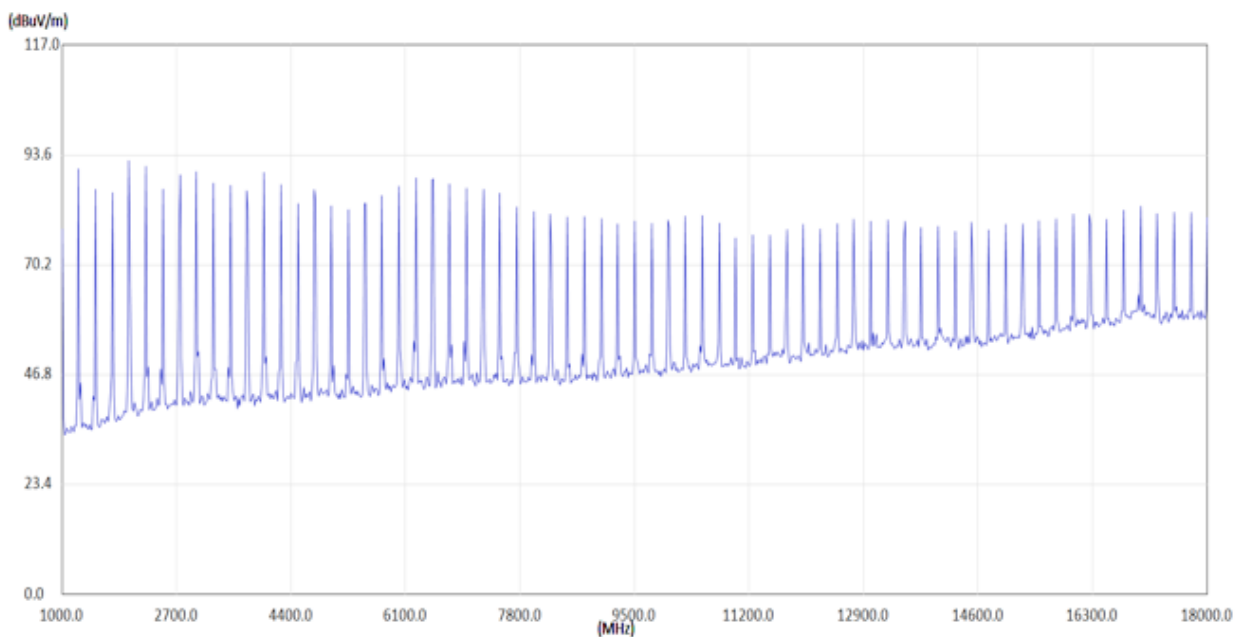
Horizontal

(Measurement Distance:3M)



Vertical

(Measurement Distance:3M)



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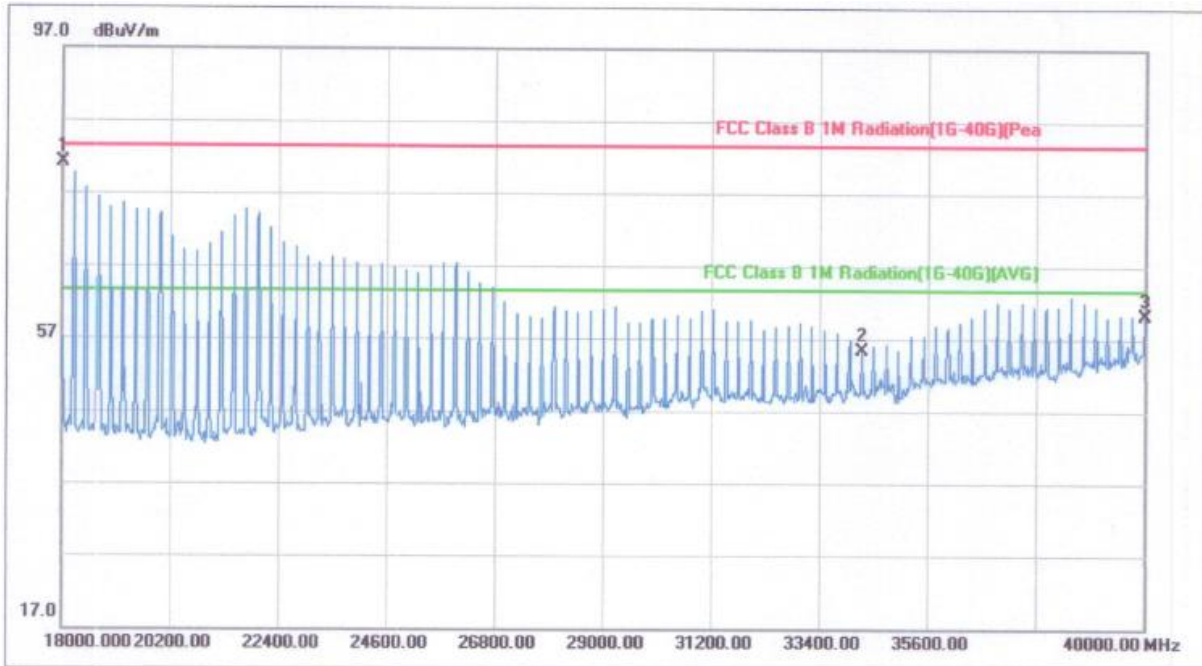
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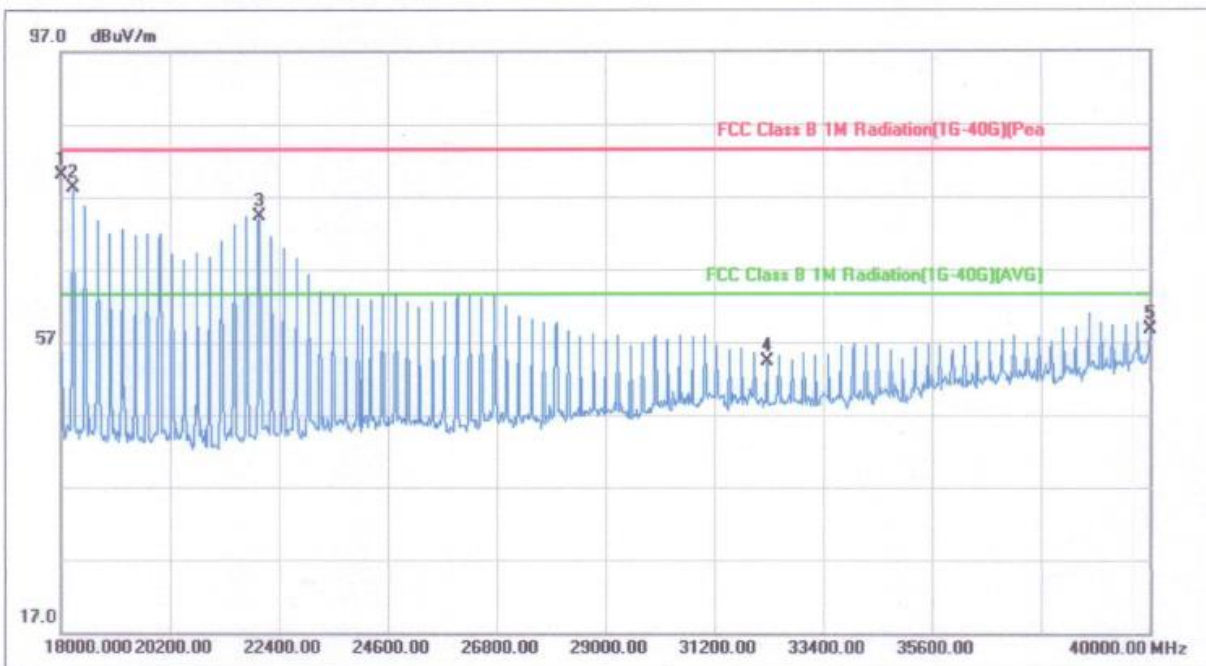
Horizontal

(Measurement Distance:1M)



Vertical

(Measurement Distance:1M)



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