



承儀電子股份有限公司
EMC Instruments corporation

DATA SHEET | **CG 10/500** **CG 10/500L**

Comb Generator

- Frequency Range : 10kHz-30MHz
- Frequency Step : 10kHz/500kHz switchable



Sales Partner:



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

absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com

www.emci.com.tw



Features

- Frequency Range : 10kHz-30MHz
- Frequency Step : 10kHz/500kHz switchable

Description

The CG10/500 Conducted Comb Generators are reference signal sources for testing Line Impedance Stabilization Networks (LISN).

CG10/500 output has the harmonics of the fundamental frequency specified by the step size. Has two switchable frequency step sizes the 10 kHz and 500kHz frequency steps.

This allows checks and investigations on conducted measurement systems to be made, for example using a LISN or RJ11,RJ45 standard connectors for conducted measurements using an ISN.

When fully charged, the battery allows continuous operation of up to 16 hours. The Conducted Comb Generator is included with a battery charger,USB cable, and accessories that are shipped in a wooden storage box.



Sales Partner:



Application

The main application of Conducted Comb Generator is to quickly verify conducted emissions test setups. And the most important application is troubleshooting conducted measurements using an ISN.

With the Conducted 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.

Other possible applications of the CG 10 / 500 Conducted Comb Generator could include, production evaluation of components ,such as cable shields and filters.



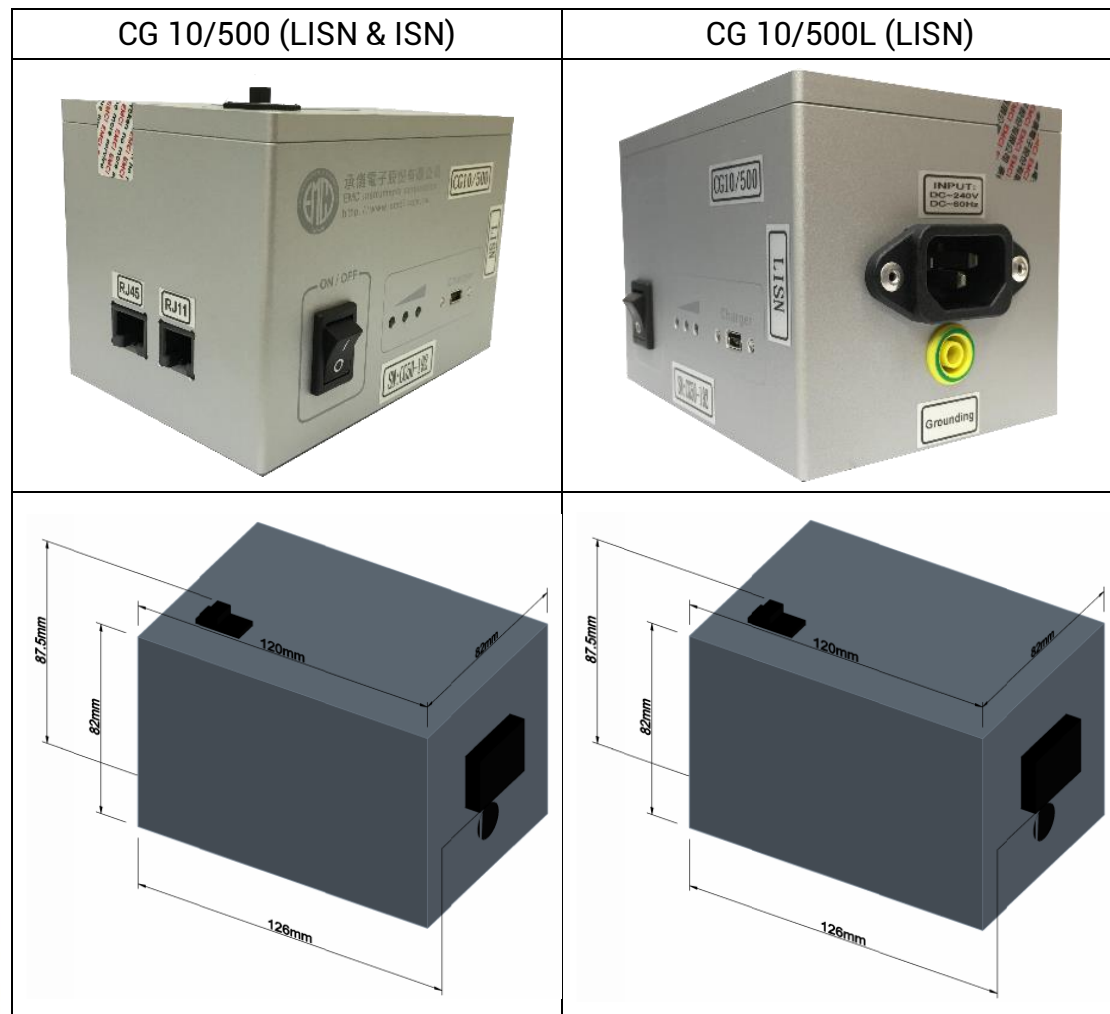


Specification

ISN OF RJ45 (RBW=10kHz VBW=30kHz)

Frequency Range	10kHz-30MHz
Frequency Step	10kHz/500kHz switchable
Charging Time	16 Hours
Re-Charge Time	5 Hours
Size	120mm(W)*82mm(D)*85mm(H)
Net Weight	1.1Kg

Application



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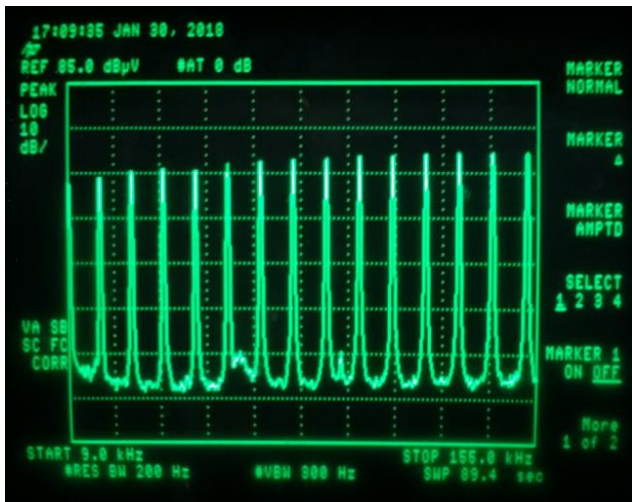
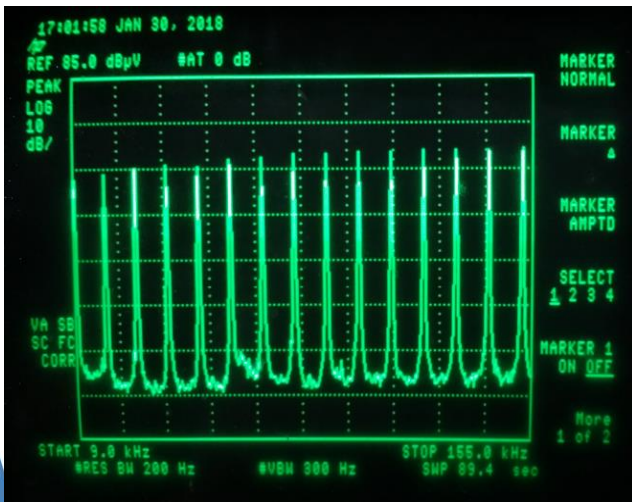
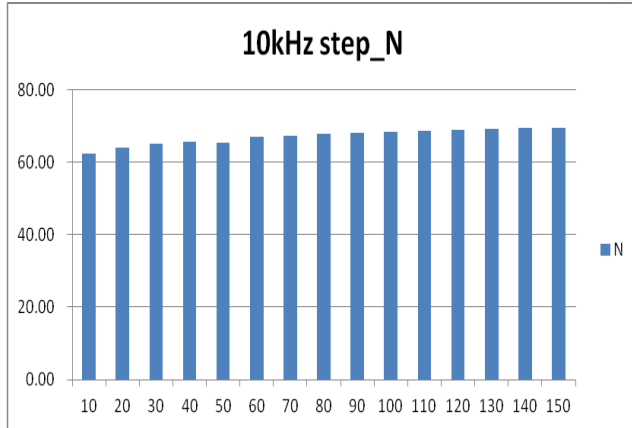
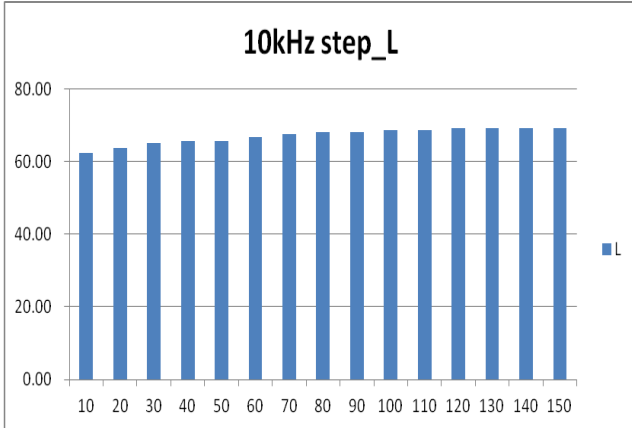


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Comb Generator

CG 10/500 & 10/500L

LISN Frequency Range 9k-150kHz (RBW=200Hz VBW=300Hz)



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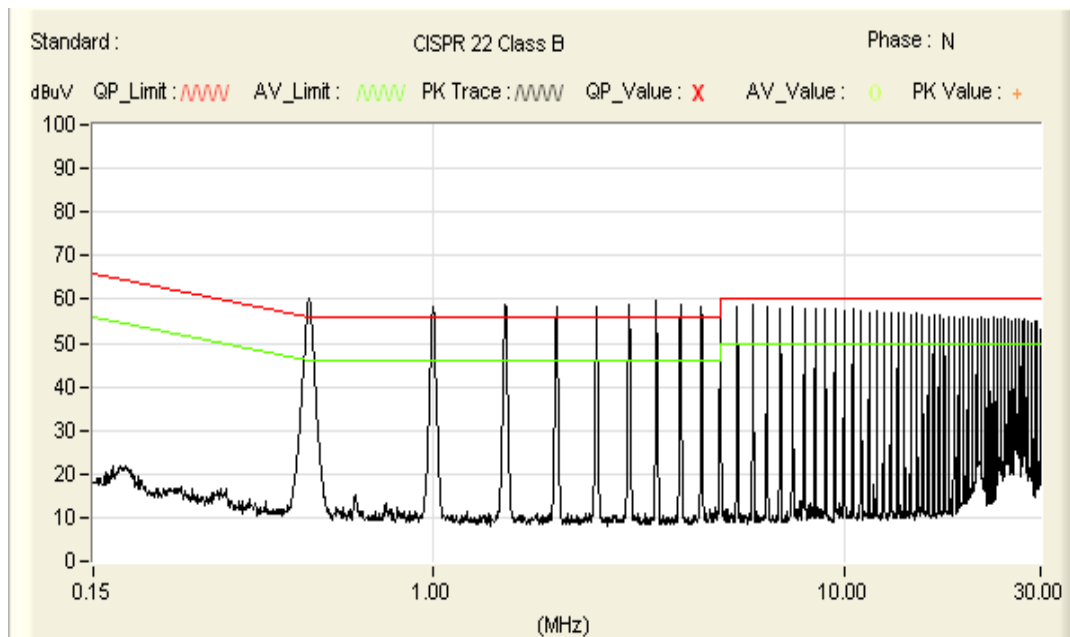
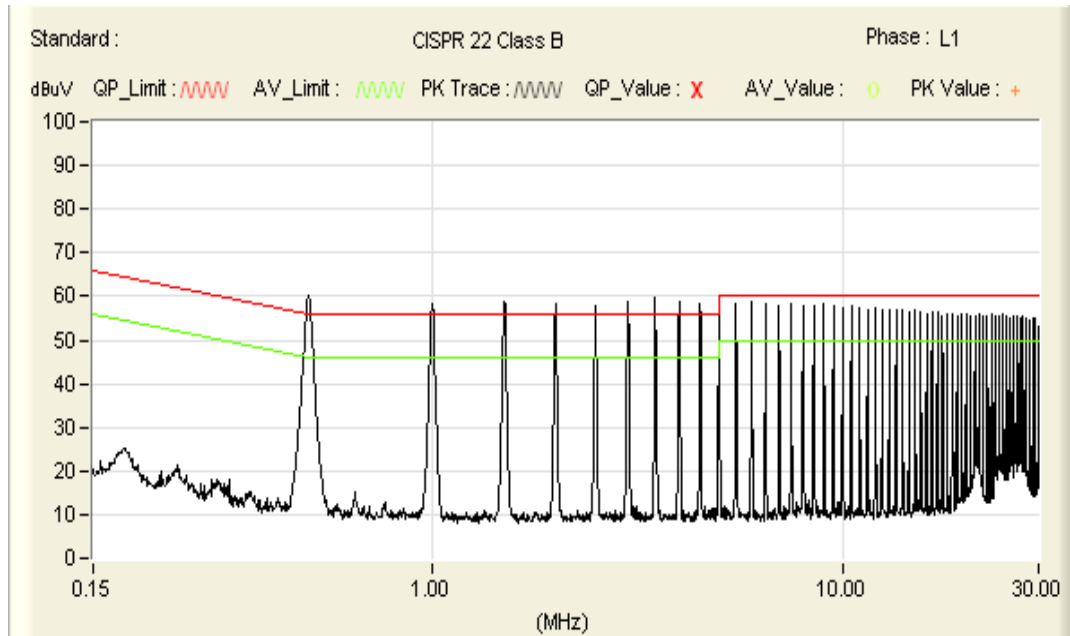


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LISN Frequency Range 150k-30MHz (RBW=10kHz VBW=30kHz)



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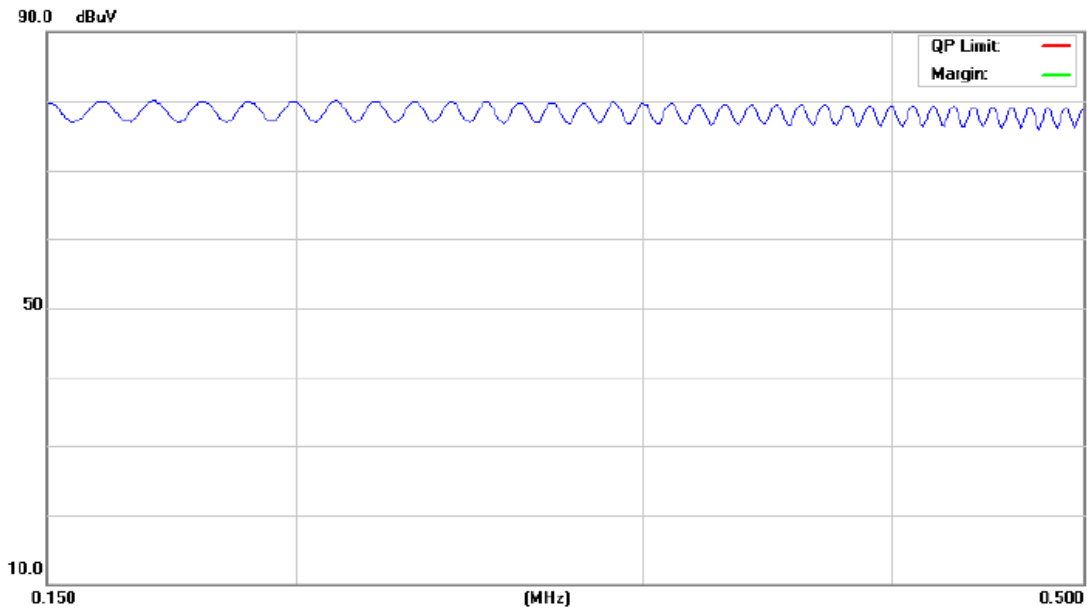


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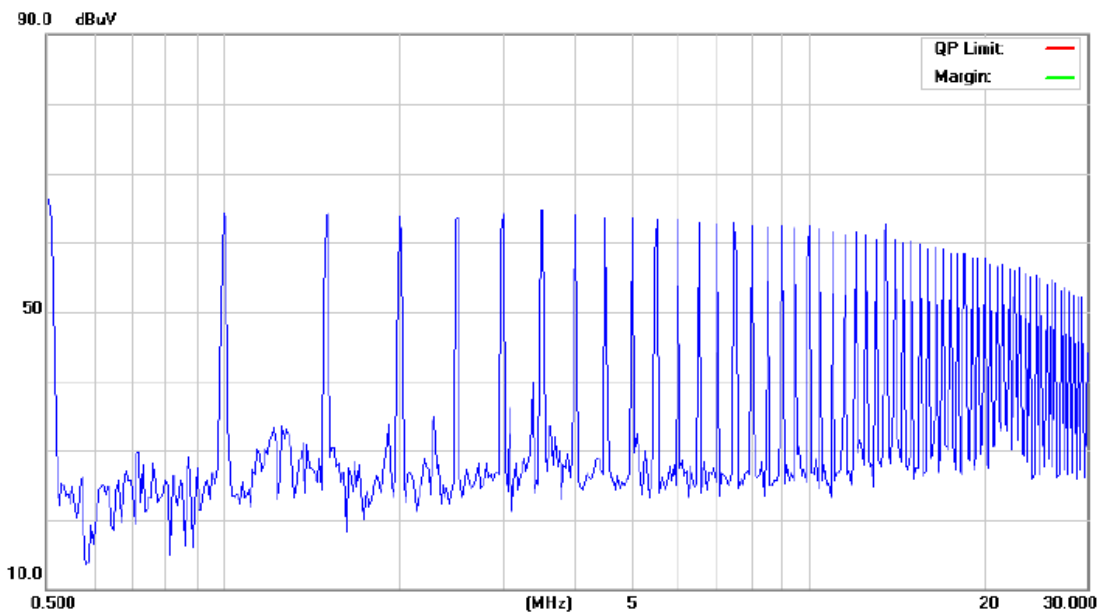
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ISN (RJ11) Frequency Range 150k-500kHz (RBW=10kHz VBW=30kHz)



ISN (RJ11) Frequency Range 500k-30MHz (RBW=10kHz VBW=30kHz)



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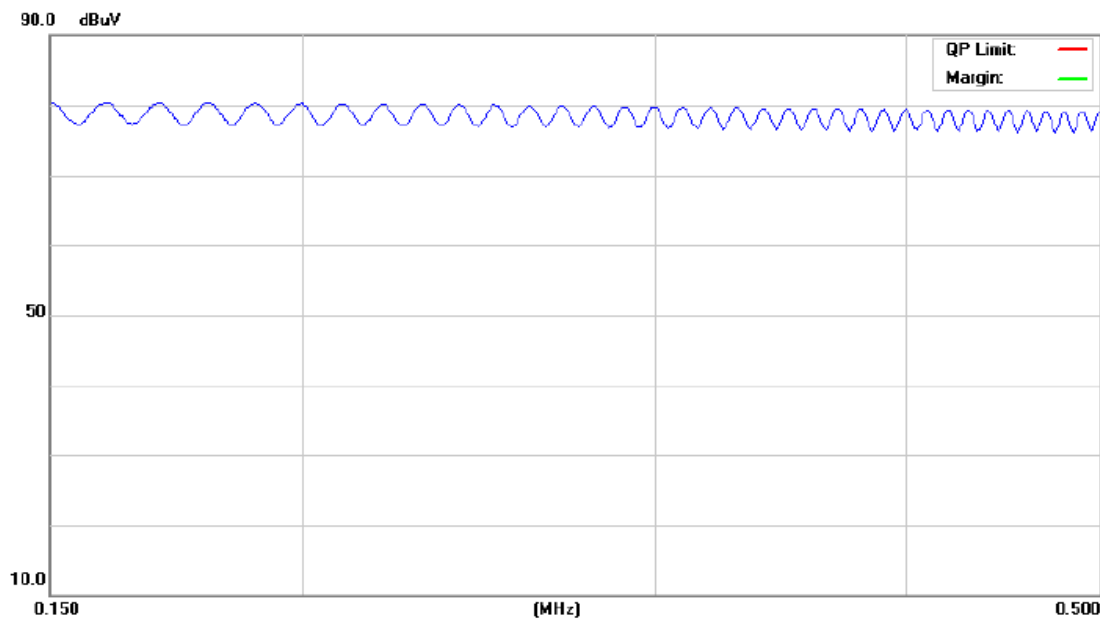
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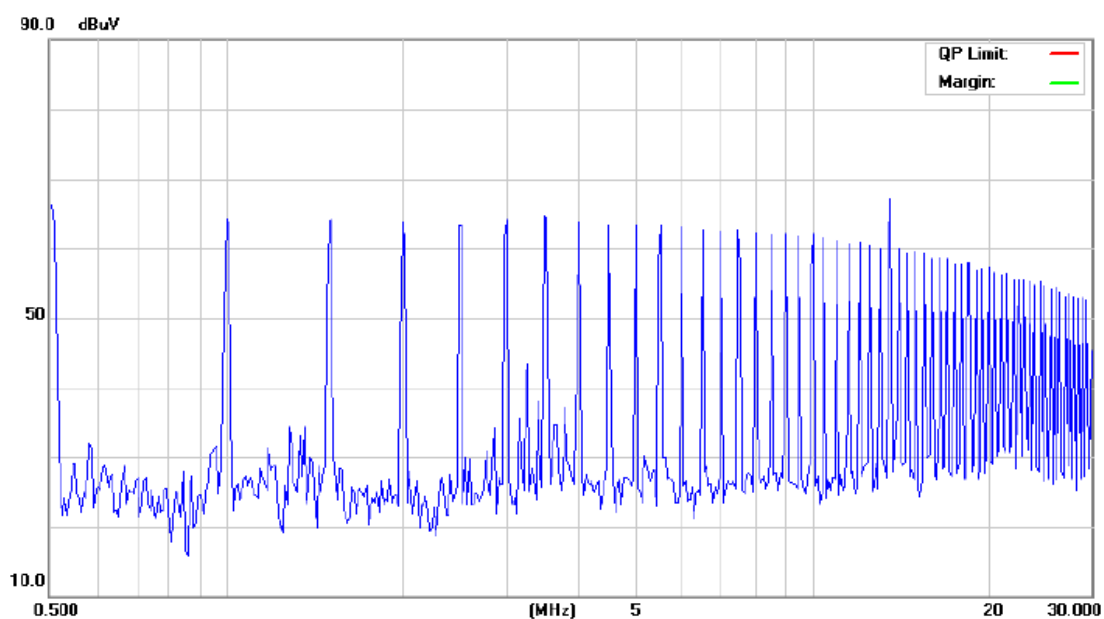
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Comb Generator
CG 10/500 & 10/500L

ISN (RJ45) Frequency Range 150k-500kHz (RBW=10kHz VBW=30kHz)



ISN (RJ45) Frequency Range 500k-30MHz (RBW=10kHz VBW=30kHz)



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