

EMCtools

Comb Generator

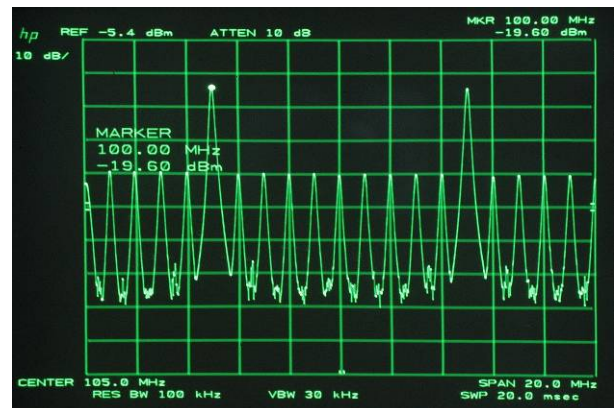
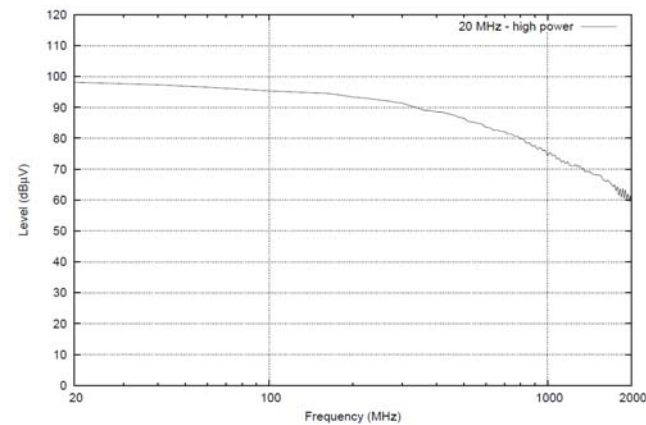
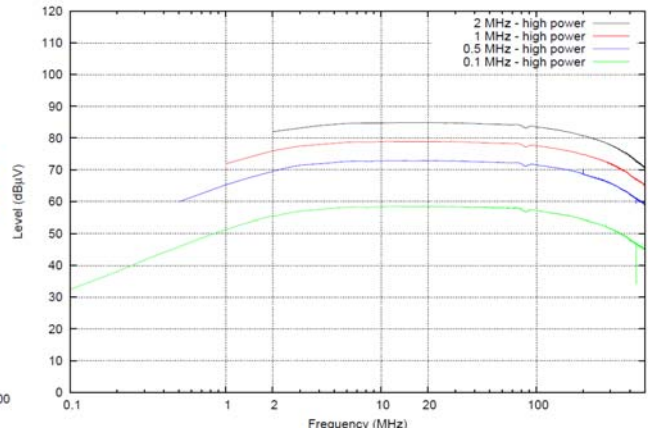
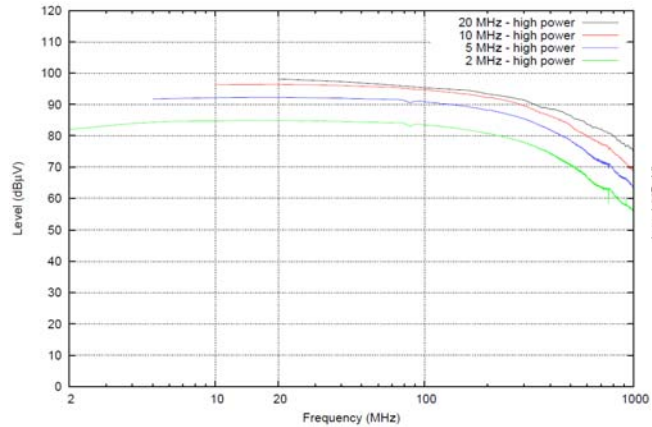


EMCtools
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Introduction and use

The *EMCtools* Comb Generator is a stable, broadband generator and is designed for rapid evaluation of test setups in EMC test labs.

Its unique "Scale Mode" provides a combination of two comb frequencies with 1:10 frequency ratio.



Using the "Scale Mode" makes it easy to identify special frequencies

Technical data:

Frequency Comb:	20 MHz, 10 MHz, 5 MHz, 2 MHz, 1 MHz, 500 kHz, 100 kHz
Scale Mode:	10 / 1MHz, 1 / 0.1 MHz, 100 / 10 kHz
RF Power	max. 2dBm (high) / -8dBm (low)
Power supply:	rechargeable Li-Ion battery 7.5V 2.2Ah, min. operating time 20h
Level Stability:	< ± 0.1 dB
Frequency Stability:	Quartz driven, ± 50ppm Optional: ± 1ppm, aging ± 1ppm/year max.
Ambient temperature:	-10 °C – 50°C
Output:	N-female, 50 Ω nom.
Housing:	rugged aluminium housing – prepared for stand mount with ¼"-20 UNC thread at the bottom side
Size:	119mm (l) x 94mm (w) x 78 mm (h)
Weight:	460g

Delivered devices of the system and accessories:

- 1 pcs Comb Generator
- 1 pcs Antenna with N-connector
- 1 pcs Li-Ion charger (2 cell)
- 1 pcs printed manual