

# USB Powered RF Source (USB-S)

A unique family of USB powered, broadband Comb Generator RF sources with an optional Quasi-Peak (QP) detector test functionality.



## Ideal For:

- Verification of RF Emission Measurements
  - Any RF Test Laboratory Site, Complex RF Test Environment, or Shielding Effectiveness Assessment
- Quasi-Peak Detector Verification
- Daily Quick-Checks of Test Equipment

## Features:

- Direct output frequency range extended to:
  - **1.8 MHz to 12 GHz**
- Standard fundamental clock frequencies<sup>1</sup>:
  - 1.8, 10, 64, 100, 133 and 200 MHz
- Selectable mode for Quasi-peak detector testing (Option)
- SMA connector for 50 ohm RF output
- Pocket-size

*Advanced technology for accurate electromagnetic measurements*



# USB Powered RF Source (USB-S) Family

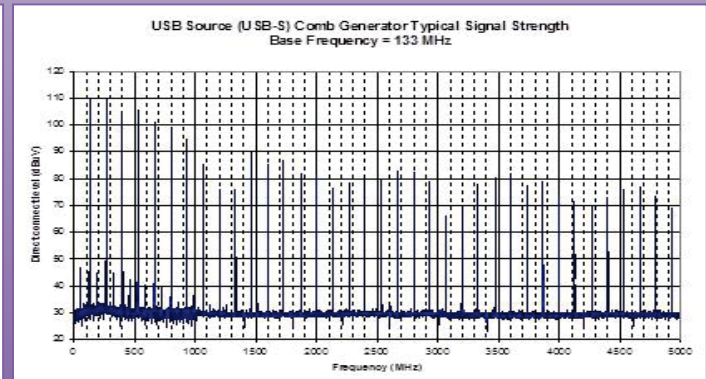
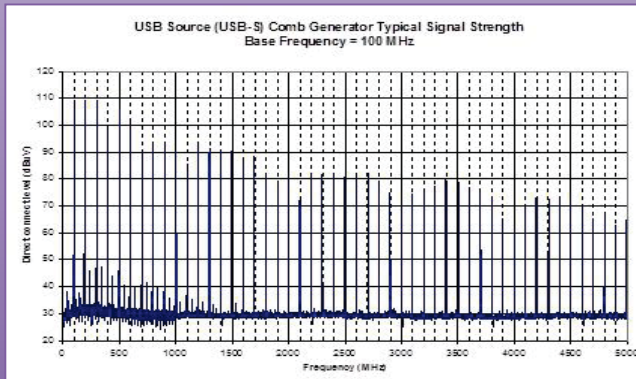
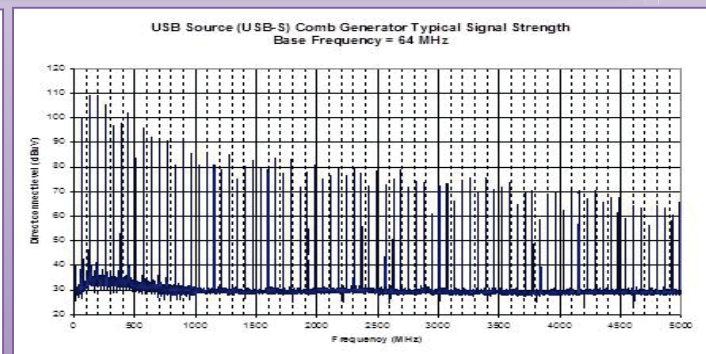
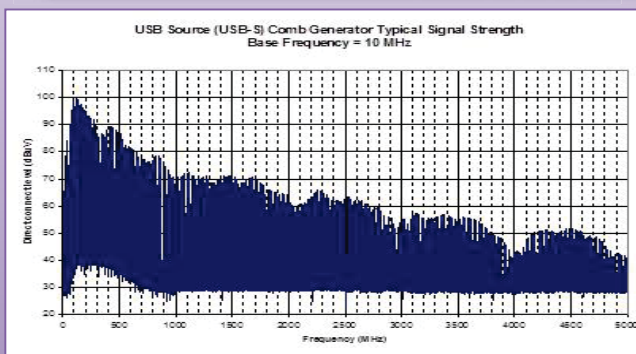
## USB RF Source

- Broad RF output frequency range up to 12 GHz
- Quasi-Peak detector verification (Optional)
- High output levels across frequency range
- SMA connector interface feeds to RF load



## Bench Top Use

- Connect directly to RF equipment
- Highly stable comb output
- Easy to use, highly predictable
- 50 Ohm SMA RF Isolation
- USB Mini-B connector for power
- 5 VDC, 200 mA, power



**The USB powered RF Source (USB-S) provides real-world RF laboratory and field measurement teams a versatile broad-band comb generator source!**

The USB-S family of products are a unique pocket-sized RF source using a comb generator to address many requirements in both the research and test community. It can be used to easily and quickly check the quality of any RF signal path, including cables, amplifiers, connectors, etc. The RF signal is a stable and highly repeatable comb generator with fundamental frequencies selected when purchased.

## Equipment Verification

The USB-S is ideal as an easy to use RF source for daily receiver and/or spectrum analyzer equipment checks. The unique optional pulsed RF function allows users to quickly verify Quasi-Peak detectors and Peak detectors performance separately.

<sup>1</sup> Other frequencies available upon request  
<sup>2</sup> Spectrum Analyzer Resolution Bandwidth = 100 KHz  
<sup>3</sup> Specifications subject to change without prior notice