



RF Guard[®]

CONSUMER RF SAFETY MONITOR



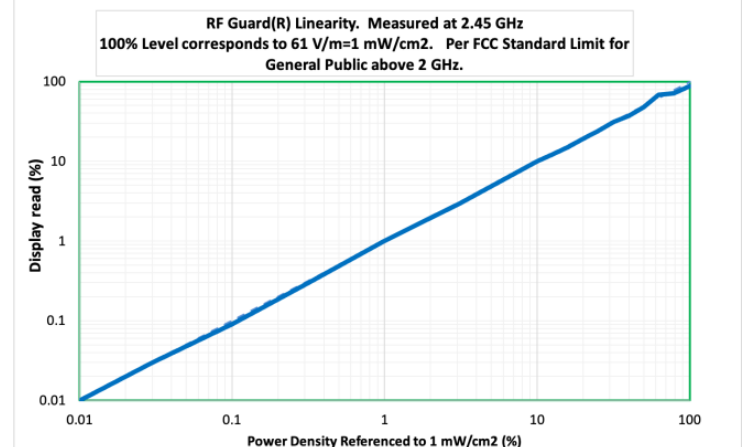
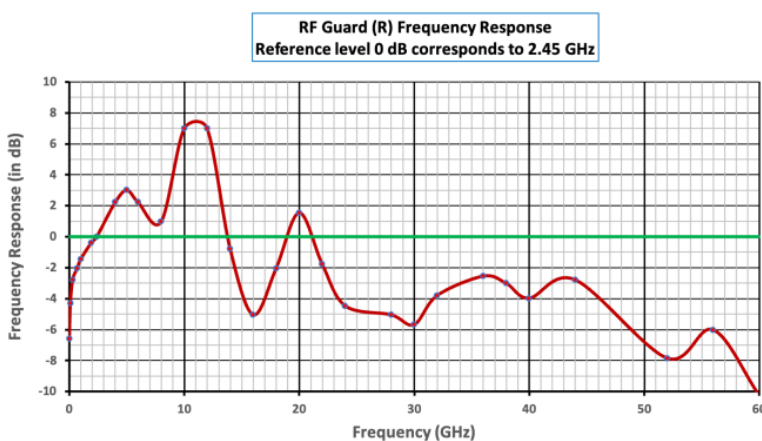
- Frequency range: 30 MHz-60 GHz.
- Power density range Indication: 0.01%-100%.
- Corresponding field range: 0.6-60 V/m.
- RF safety standard level (General Public):
- 100% corresponds to 1 mW/cm² @ 2.45 GHz.
- Battery life: 2,000 hours in benign electromagnetic environment.
- Dim. (in sleeve): 93x48x15mm; 3.7"x1.9"x0.6".
- Weight: 60 g; 2 oz.
- Operating Temperature Range: -5°C to +40°C.
- Warranty 1 year.
- Designed and made in the USA. EMC Test Design, Sarasota, FL 34233, USA.

RF Guard[®]

The RF Guard safety monitor is designed for universal consumer use, offering comprehensive coverage across a wide frequency range. Its portable and wearable design, coupled with its compact size, makes it convenient for all users. Capable of detecting all RF sources, including 5G cellphones and upcoming telecom bands, it ensures thorough monitoring of the electromagnetic environment. The display provides clear indication of power density level in percentage, while LED lights and sound alerts offer timely alarm, warning, and RF source exploration. Equipped with dual polarization antenna, it ensures broad spatial coverage for accurate detection. Plus, with long-lasting battery, continuous monitoring is guaranteed without frequent recharging.

Product Features:

- **Portable Design:** Designed for user convenience, this device can be easily carried to detect, notify, and warn about the electromagnetic environment, requiring no special knowledge or care.
- **Dual Mode Operation:** Equipped with Normal and Explore modes, providing flexibility for different monitoring needs.
- **Normal Mode:** Displays average power density level on a 3-color LED, with dual-level sound alarms activating when levels exceed 1% and 10% of the standard safety level.
- **Explore Mode:** Indicates peak power density level on the display, with the LED and variable pitch sound signaling pulse signals for RF source location and identification.
- **Sample and Hold Feature:** Facilitates easy measurement of peak power density in Explore mode.
- **Single Button Control:** Operation controlled by a single button for seamless switching between modes and powering off.
- **Battery Saving Mechanism:** Automatically returns to Normal mode after 2 minutes in Explore mode to conserve battery life.
- **Easy Battery Replacement:** Li CR2032 coin battery can be easily replaced by opening the back cover.
- **Hand Strap Attachment:** Features a special hole for hand strap lanyard attachment, with a lanyard included for added convenience.
- **Premium Quality Sleeve:** Supplied with a non-slip sleeve for enhanced grip and protection during use.



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For Orders & Quotes

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