



## Radiation Finder Description

### Introduction

Electric and magnetic fields (EMF) have different properties and different ways of causing harmful biological effects. Some people become ill from many types of EMF sources, such as alarm clocks too close to their bed, sitting too close to a TV or computer, or using a cell phone. Reported symptoms are headaches, arm and leg tingling, dizziness, difficulty in concentrating, and even nausea. Although not proven, more serious problems might be caused by prolonged exposure to EMF. Most scientists agree that it is wise to protect ourselves from biological effects that are known to exist.

Osun's Radiation Finder is the first one on the market that uses Safe/Caution/Warning labels with light-emitting diodes (LEDs) to indicate the radiation strength of high frequency as well as low frequency electrical and electronic appliances. It is easy to use, and does not require a technical background.

The Radiation Finder can be used to detect both low and high frequency EMF produced by appliances such as cell phones, microwave ovens, power lines, TVs, computers, electrical fans, AC alarm clocks, hair dryers, vacuum cleaners, and washers and dryers. The list is extensive.



### User Instructions

1. Slide the button at the right side up to turn the device on. Three LEDs will be on for a few seconds, after which only the green LED stays on. If no lights are on, check the battery.
2. Walk near any electrical appliance or equipment in your house or office. Hold the unit steady during measuring (otherwise you may see yellow LED flashing). Mark the area and distance from the appliance when the red LED is on. Read below for suggested corrective measures.
3. Turn the switch off after use.



### Indications

Green light:  
No radiation detected or it is at safe level.  
Yellow light:  
Radiation is strong. Be cautious in this area.  
Red light:  
Radiation is very strong.



### Methods to reduce exposures to EMF

There are a number of ways to reduce harmful exposure to EMF. Some are as easy as standing back from an appliance when it is in use. Remember that the magnetic field radiated from an appliance drops off dramatically in strength with increased distance from the source.

If the measured radiation level of a cell phone is high, consider using shielded accessories. If the problem persists, you may want to switch to another cell phone or service company. Cell phone radiation levels vary from phone to phone and from company to company.

Other EMF reduction steps, such as correcting a household wiring problem, are worth doing for safety reasons. The traditional way of grounding electrical devices is to connect them to water pipes. However, today's pipes are mostly plastic and do not provide good grounding. One suggestion is to find a pure metal pipe and redo the wiring.

Computer users may want to switch to flat panel display since these monitors emit less EMF than the conventional CRT type of display.

It is wise to reduce as much as possible the time spent near known sources of strong EMF. Turn off all appliances when you aren't using them.

### Specifications

For cell phones, microwave ovens, and other high frequency appliances:

Green light: Less than 0.02 mW/cm<sup>2</sup>.

Yellow light: 0.02 to 0.1 mW/cm<sup>2</sup>.

Red light: higher than 0.1 mW/cm<sup>2</sup>.

For power lines, TVs, computers, AC alarm clocks, and other low frequency appliances:

Green light: Less than 2.5 mG.

Yellow light: 2.5 to 8 mG.

Red light: higher than 8 mG.

Power: 9V battery (not included). Please do not use old battery, and pay attention to the polarity of the battery when installing it.

Current: about 23mA. Replace the battery after continuous use for more than 30 hours.

### Warranty

One year warranty.  
Made in USA  
www.osuntech.com  
Email:  
admin@osuntech.com  
Tel: (703) 996-3028

### **Warning:**

Battery must be 8.2 V or higher to make the unit work properly.