

# 8GHz RF EMF Strength Meter

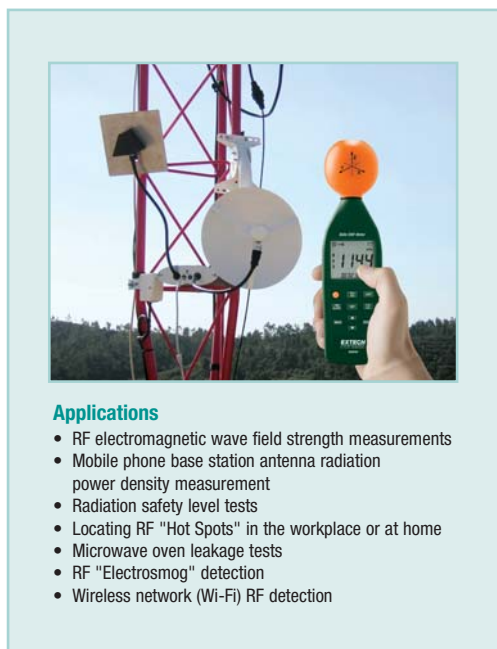


## High Frequency measurement for EMF

Monitor high frequency radiation in the 10MHz to 8GHz frequency range

### Features:

- For electromagnetic field strength measurement including mobile phone base station antenna radiation, RF power measurement for transmitters, wireless LAN (Wi-Fi) detection/installation, wireless communication applications (CW, TDMA, GSM, DECT) and microwave leakage
- Measurement optimized for 900MHz, 1800MHz, 2.7GHz, 3.5GHz and 8GHz
- Non-directional (isotropic) measurement with three-channel (triaxial) measurement probe
- Max Hold and Average functions
- Manual store/recall up to 99 sets
- Level exceed audible alarm with user selectable threshold
- Complete with 9V battery and carrying case



### Applications

- RF electromagnetic wave field strength measurements
- Mobile phone base station antenna radiation power density measurement
- Radiation safety level tests
- Locating RF "Hot Spots" in the workplace or at home
- Microwave oven leakage tests
- RF "Electromog" detection
- Wireless network (Wi-Fi) RF detection

Specifications	
Sensor Type	Electric Field
Frequency Range	10MHz to 8GHz (optimized for 900MHz, 1800MHz, 2.7GHz, 3.5GHz & 8GHz)
Units of Measure	mV/m, V/m, $\mu$ A/m, mA/m, $\mu$ W/m <sup>2</sup> , mW/m <sup>2</sup> , W/m <sup>2</sup> , $\mu$ W/cm <sup>2</sup> , mW/cm <sup>2</sup>
Measuring Ranges	20mV/m to 108.0V/m 53 $\mu$ A/m to 286.4mA/m 1 $\mu$ W/m <sup>2</sup> to 30.93W/m <sup>2</sup> 0 $\mu$ W/cm <sup>2</sup> to 3.093mW/cm <sup>2</sup>
Resolution	0.1mV/m, 0.1 $\mu$ A/m, 0.1 $\mu$ W/m <sup>2</sup> , 0.001 $\mu$ W/cm <sup>2</sup>
Audible Alarm	Adjustable threshold with On/Off
Memory	Manual store/recall of 99 sets
Dimensions	2.6x2.4x9.7" (67x60x247xmm)
Weight	8.8oz (250g)

### Ordering Information:

480846 .....RF Electromagnetic Field Strength Meter

Supplied in Australia by Instrument Choice  
Call our scientists on 1300 737 871  
[www.instrumentchoice.com.au](http://www.instrumentchoice.com.au)

