

# RF METERS FOR DIGITAL SIGNALS

## RadAware *Personal Microwave Exposure Alarm*

Ever walk into a store and wonder how much microwave radiation you are being exposed to? Or how about when you are driving around town, or riding on a bus? Passing through an airport? Or even visiting a friend? It's not always convenient to carry your RF meter, or maybe it's not safe to keep watching it (especially when driving!). RadAware is not a meter, it is an exposure alarm. It sends out an audible tone when you enter an area of radiation. The alarm threshold is adjustable so you can match the device's response to your body's sensitivity. And at every setting, there are 6 levels of alarm: low, low+, medium, medium+, and high, high+ dosage so you can quickly know if you are moving toward or away from a high exposure area.



The most sensitive setting is a tiny **1  $\mu\text{W}/\text{m}^2$**  and the least sensitive is **25,000  $\mu\text{W}/\text{m}^2$**  so you have plenty of flexibility. The sound can be turned off, and there are also 3 LED lights which also indicate the 3 levels of exposure. The main detection frequency range is 200 MHz to 6 GHz. This covers the bands where 5G will be initially. After about 2020 higher-frequencies (mm-waves) will start to be rolled-out for high-density city areas. If used 24 hrs/day, the battery life is 8-12 days on a standard 9V alkaline battery and about half that on a re-chargeable, provided that it is not regularly sounding an alarm. Can also be powered by an AC adapter (sold separately) for prolonged use. **RadAware (Cat. #R137) ... \$169.95**



## 6 GHz BASIC RF METER *Wider Frequency Range*

Similar to the Basic RF Meter above but with wider frequency range and SOUND! Very sensitive (down to  $25\text{mV}/\text{m} = 1.6 \mu\text{W}/\text{m}^2 = 0.16 \text{nW}/\text{cm}^2$ ) and goes as high as  $14.8 \text{V}/\text{m} (= 580 \text{mW}/\text{m}^2 = 58 \mu\text{W}/\text{cm}^2)$ . Broad frequency range too: **700 MHz to 6 GHz** digital or analog signals with whip antenna supplied.  $\pm 3.5\text{dBm}$  accuracy. Includes removable stubby antenna (which gives a very nice  $360^\circ$  view), with SMA connection. Requires one 9V battery. CE. **Model ED85EXS.**



**(Cat. #R436s) ..... \$179.95**

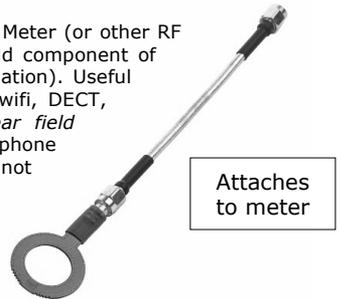
## NEAR FIELD Antenna

*For RF Measurements Close to the Source*

Can be used with 6 GHz Basic RF Meter or High Frequency Meter (or other RF meter with SMA connection) to measure the magnetic field component of the signal in the near field (up close to the source of radiation). Useful from **1 MHz to 7 GHz**. Great for checking cell phones, wifi, DECT, Blue Tooth and more. Also useful for checking the *near field* shielding effectiveness of your shielding items (such as cell phone shields). SMA connector, 50 Ohm impedance. Meter not included. *Can be used with :*

- o Digi-Field meter
- o High Frequency Meter
- o RF Explorer 6G Combo
- o RF-id SOLO
- o Broadcast Frequency Counter
- o 6 GHz Basic RF Meter, and others

**Near Field Antenna (Cat. #R197) ..... \$49.95**



Toll free in USA: 1-888-537-7363  
International: +1-518-608-6479

Fax: 1-309-422-4355  
[www.lessemf.com](http://www.lessemf.com)