

Radiofrequency (RF) or microwave sources include:

Outside: mobile phone masts; mobile phones; WiFi; radar; cars; WiMAX

Inside: mobile phones; cordless phones; WiFi; wireless games consoles; burglar alarms; baby monitors; CFLs; TVs & laptops; microwave ovens

Exposure symptoms can include:

Headaches; sleep disruption; tiredness; irritability; tinnitus; learning & memory problems; behaviour problems; cardiovascular symptoms; gastric problems

European Approvals

The Acousticom 2 meets EN61000-6-3:2001+A11:2004 & EN61000-6-1:2001 EMC standards and the ROHS (2002/95/EC) and WEEE (2002/96/EC) requirements.



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EMFields



Acousticom 2

The Acousticom 2 enables you to make a quick and informed judgement regarding the level and nature of microwave signals in your environment. It picks up signals in the frequency range used by most of the modern (200 MHz – 8 GHz) communication systems.

Readings are shown on a series of LED indicator lights. It also has a loudspeaker that helps determine what is creating the signals.

Sound samples can be found at:
www.emfields.org/AC2/sounds

The instrument is not waterproof and should be covered with a plastic bag (which will not affect the readings) if being used in heavy rain.

Interpreting the levels

Much more information is available on the EMFields website:

www.emfields.org/AC2

6.00		Too high for ambient levels (red)
3.00		
1.00		Too high for people with ES (amber)
0.30		
0.10		People with ES may have symptoms (yellow)
0.05		
0.02		Most people with ES are ok at the green levels
0.01		

These are typical levels that sensitive people report as causing them problems.

We consider the red levels too high for everyone.

Operation

Press the button to turn it on.

Once it has started operating normally, press the button to turn the sound on or off.

Press and hold to turn it off. It will automatically turn off after a few minutes in order to save battery life.

Having the sound on uses more power and reduces the battery life.

You may disable the clicks that indicate "higher exposure" levels. To do this, do not release the button until the LED start up display has completed.