

# **Electric and Magnetic Field Measurements to Ministry of Health Guidelines**

The Ministry of Health via the National Radiation Laboratory recommends the use of the exposure guidelines provided by the International Commission for Non-Ionizing Radiation Protection (ICNIRP). These limits are specified in kV/m for electric fields and  $\mu\text{T}$  or mG for magnetic field strength.

If you want to measure the electromagnetic field of electrical appliances and power lines up to 300 Hz then RF Test Solutions recommend the Extech 480823 EMF/ELF Meter.

If you want to measure the electromagnetic field of radio or wireless transmitters such as mobile phones, base stations and microwave ovens, then we recommend the 3.5 GHz Extech 480836 RF EMF Meter or the 8 GHz Extech 480846 which can also measure 5.8 GHz wireless LAN signals.

Please note RF Test Solutions have several different models available, so please let us know if you have specific requirements to meet.