

# Electromagnetic Fields (EMF) Factsheet

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Electromagnetic radiation has been around since the birth of the universe. Light and heat are a familiar form of such type of radiation.

Electromagnetic fields (EMF) are present everywhere in our environment but are mostly invisible to the human eye. They may either be produced naturally or are a result of human activity.”

- Wireless communications, including mobile devices, generate electromagnetic fields in the process of their operation.
- Scientific studies have shown that, if operated within predefined limits, electromagnetic radiation is not harmful to humans.
- The World Health Organisation (WHO) supports the findings of the scientific studies. It has reviewed in-depth the scientific literature consisting of 25,000 articles published over 30 years. The WHO also formally recognises the International Commission on Non-Ionizing Radiation Protection (ICNIRP).
- The MCA continuously regulates and audits the EMF emissions from the radio base stations installed by the service providers to ensure compliance with the preset EMF threshold levels.
- The MCA actively participates in international fora/meetings related to EMF so as to keep itself up to date with the latest developments.
- The absolute majority of EMF measurements taken in Malta are well below 1% of the ICNIRP limits.
- All measurements are well within the 100% limit.



More than  
**1000** radio base stations installed  
across the Maltese islands.



More than  
**150** fixed points to carry out EMF audits  
on a yearly basis



More than  
**100** on-demand, on-site audits per year



More than  
**2500km** of drive tests to ensure  
nationwide EMF compliance  
along the Maltese roads



In case you have any concerns with regards to EMF exposure (resulting from telecommunications equipment), kindly contact the MCA on +356 2133 6840 or through the general enquiry form.