

# Where do telecommunications systems sit on the Electromagnetic spectrum?

LOW FREQUENCY

HIGH FREQUENCY

Non-Ionising

Ionising



**The Earth  
& Subways**



**TV**



**Microwave  
& Satellites**



**AC Power**



**Mobile Phones**



**Radioactive  
Sources**



**Medical X-rays**

Telecommunications technology is well inside  
the non-ionising, end of the EME spectrum