



2022 Bianconi Avenue
Citywest Business Campus
Dublin 24 D24 HX03
T +353 1 671 4444
eir.ie

Radio Emissions Statement

As an operator of a Mobile Telecommunications Network *Eir Ltd* is aware of its requirements in relation to management of electromagnetic field radiation and are committed to management of risk to our employees, members of the public and any other groups who may be affected by our networks. All of the radio equipment on our network and our radio base stations are “Safe by Design” and are designed to meet international health and safety standards and best practice, including the relevant guidance from International Commission on Non-Ionizing Radiation Protection (ICNIRP) and from the Communications Regulator in Ireland.

Eir Ltd own and operate mobile telecommunications sites across Ireland. These sites are built and managed to operate within the limits for exposure to Electromagnetic Fields which are set by the Communications Regulator and are based on guidance from the International Council for Non-Ionising Radiation Protection (ICNIRP) and meet the requirements of directives from the European Commission. The issue of radiation from Mobile Phones has been a concern for many people since the introduction of this technology significant numbers of studies have been performed and have been reviewed by international experts. The World Health Organisation in their fact sheet on Electromagnetic fields and public health: mobile phones have stated that “A large number of studies have been undertaken on both acute and long-term effects from HF (High Frequency EMF Radiation) exposure typical of base stations. Research at these levels of exposure has provided no conclusive evidence of any related adverse health effects”. (Ref; <http://www.who.int/mediacentre/factsheets/fs193/en/>). In their on line Q&A on Mobile Phones and Cancer the WHO also states “Studies to date provide no indication that environmental exposure to RF fields, such as from base stations, increases the risk of cancer or any other disease.” (<http://www.who.int/features/ga/30/en/>)

The International Council on Non Ionising Radiation Protection, who are the lead independent agency on non-ionising radiation safety have stated “A large number of studies have been undertaken on both acute and long-term effects from HF (High Frequency Non Ionising Radiation) exposure typical of base stations. Research at these levels of exposure has provided no conclusive evidence of any related adverse health effects.” (<http://www.icnirp.org/en/applications/base-stations/index.html>) in late 2015 The European Commission’s Scientific Committee on Emerging and Newly Identified Health Risks published a “[Final Opinion on the Potential health effects of exposure to electromagnetic fields \(EMF\)](#)” The expert opinion is based on the latest scientific studies and expert review. In its summary the Scientific Committee state that “The results of current scientific research show

that there are no evident adverse health effects if exposure remains below the levels recommended by the EU legislation.

Our antennae are well below this level) Overall, the epidemiological studies on radiofrequency EMF exposure do not show an increased risk of brain tumours. Furthermore, they do not indicate an increased risk for other cancers of the head and neck region.”

The maximum exposure levels that are set by ICNIRP for Public exposure to radiation in the mobile phone frequency range is 28 V/m. All of our sites are designed and maintained to operate well within these guideline limits. Independent compliance inspections that are carried out for our company and are published by the Communications Regulator on their website (www.siteviewer.ie) show that the levels of EMF radiation from mobile telecoms masts in Ireland ranges between 0.5-3V/m, well within the safe exposure limits advised by international experts.

We continue to monitor the advice and guidance given by Government, international experts and equipment manufacturers to ensure that the sites that we operate continue to operate well within the limits set for exposure of members of the public and for our employees and contractors who will work at your location.

Internal Documentation References:

Meteor Mobile Communications Design and Build Specification and Guidelines
Standard Safe Operating practices - Mobile Network

Statement Prepared By: Donie Pardy, eir Group Head of Environment, Health and Safety

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