

I have huge concerns regarding the lack of care about public health in regards to EMF radiation in the UK.

Please see my concerns below:

The telecommunication industry argue that 5G radiation will be mostly absorbed in the outer 1 or 2mm of the body so we don't need to worry about the effects, however we know this is false, even for non-pulsed millimeter wave frequencies, studies translated by the CIA, showed the effects were at least 20 times deeper in animals and in humans, so it seems inevitable that the highly pulsed 5G will be much worse. So far there have been no studies done with pulsed millimeter wave frequency which means no real studies into the affects of 5G.

The military's department of Defence has demonstrated the 5G weapon used for crowd control, its within the 5G range and when turned up to high power makes peoples skin feel like its on fire. How do we know the lower end of the 5G will never be turned up at any stage? Its also known as a very good listening device, and people are concerned about its use in surveillance, all this is wonderful for Government and military use, not for my child's bedroom.

Any potential studies designed to investigate harm from 5G will be completed many years after the 5G systems on the ground and in space are fully implemented. At that point would telecom companies dismantle their systems even if it is shown that their technology is causing cancer and other diseases or would they just deny the risks? As an example look at how many years it took and how much harm was caused before smoking was banned inside public places?

The only way to do 5G safety tests is to do long term biological safety testing by organisations completely independent of industry. So far there has been none. They have proved time and again they have no interest in the harm their products are causing.

One major report the Bioinitiative 2012 concludes that we have far more evidence then is necessary to require us to take more action, however exposure levels continue to rise.

On Google search if you type in safety studies for 5G you find that an organisation called ICNIRP's [International Commission on Non-Ionizing Radiation Protection \(ICNIRP\)](#) has done independent studies to prove 5G is safe however on closer inspection I could not find any of these. ICNIRP, the global scientific body used to set standards on radio frequency emissions from smartphones, WiFi routers and phone masts, is currently voting on easing its guidelines next month. The organisation, believe the existing rules can be relaxed without any health risks, even though they have not done any clear studies.

The apparent safety test in Liverpool which the Head of Ministerial Correspondence and Public Enquiries, Marie Turner has written to me about was not a study on safety done by completely independent organisations. In fact the **Liverpool 5G** Consortium led by Sensor city received **£3.5 million** from the Department for Digital, Culture, Media and Sports (DCMS) 5G Testbeds and Trials programme, to help deliver the government's 5G strategy.

The conclusion to their trial programme of course showed how helpful the technology could be to the health services using things like push to talk loneliness apps however nothing is mentioned about radiation and health effects or damage caused now or long term from continual pulsed high level radiation. This was not a study into the health and safety of 5G radiation rather a trial to see how wonderful the technology is in its uses.

It is also relevant to point out not one single company will insure wireless technology.

We would like you to support the recommendations of the 407 scientists and medical doctors who signed the [5G Appeal](#) and call for an immediate moratorium on the deployment of 5G in Dacorun and demand that our government fund the research needed to adopt biologically based exposure limits that protect the health and safety of human beings, trees, plants and animals.

We must hold those responsible to account because otherwise nothing will change.