

I am writing to voice my concern over the impact on health due to the capacity of 5G technology. I have recently been diagnosed with EHS and have done extensive research into the many papers that explain how emf's have adversely impacted on my health over the last five years and how that would be worse with the deployment of a 5G network.

Up until recently I have been able to control the degree of emf exposure in my home with the removal of various devices, however the deployment of the 5G network is such that I will not be able to turn it off or control it in any way. It is also predicted to have installations very close to my home.

The recent \$30,000,000 toxicology report shows overwhelming evidence of harm of microwave frequency in rats and mice including malignant tumours and malignant schwannomas. and gliomas¹, and breaks in the DNA.²

It is often quoted that there has been no human testing of the 5G technology. This may be true in terms of proving its safety but I would like to detail the results of military experiments on human subjects and industrial observations on the effect of 5G technology on the workforce.

1. In research findings by the US Naval Medical Research Institute (NMRI) 1971,³ subjects exposed to radar had detrimental symptoms, both psychological and physical, (many of which I have experienced with 4G exposure). including changes in the operational function of cardiac pacemakers.⁴

2. A US Defence Intelligence Agency report (1976), a translation of a Russian report, showed significant health implications on humans and animals at low (non thermal) levels of EMF radiation. Subjects exposed

¹ https://ntp.niehs.nih.gov/whatwestudy/topics/cellphones/index.html?utm_source=direct&utm_medium=prod&utm_campaign=ntpgolinks&utm_term=cellphone

² https://mailchi.mp/microwavenews/ntp-dna-breaks-paper-published?fbclid=IwAR1oiPBQ5dbNwXNm1cMwRQk8MILy_x1SMBobFokEFhQ_QG-WdcUBSTL6RKw

⁴ <http://themillenniumreport.com/wp-content/uploads/2019/06/Navy-Medical-Research-Institute-Military-Microwave-Radiowave-Report.pdf> pp 7-11

to microwave radiation below thermal levels experience more neurological, cardiovascular, and haemodynamic disturbances than unexposed counterparts,⁵

3. ARPANSA has justified the capacity of 5G radiation by mentioning that if it were harmful there would be evidence of harm amongst the police force who were wearing, or using in close proximity, radar devices for speed checks.⁶ However, a cancer cluster did appear with the introduction of radar for testing speed in traffic. An alarming number of police wearing this apparatus developed testicular cancer resulting in a media release.⁷ and a research paper in 1993.⁸ These reports are particularly relevant as there was no extensive network of mobile phones or towers at the time that could muddy the exposure.

4. More recently, a cancer cluster has appeared amongst homeland security workers at Boston airport in the US, who are exposed to 5G body scanning apparatus all day.⁹ This has led to lawsuits and cautions by the courts in installing the apparatus without adequate safety testing.

5. Dr. Martin Pall has identified Eight Distinct Types of Great Harm Caused by Electromagnetic Field (EMF) Exposures and the Mechanism that Causes Them¹⁰, including: attack on our nervous systems and endocrine systems, DNA single strand and double strand breaks, oxidative stress, elevated apoptosis and cancer.

6. *Microwave frequency electromagnetic fields (EMFs) have been shown to cause widespread neuropsychiatric effects including*

⁵ <https://thefullertoninformer.com/wp-content/uploads/2015/10/wp-c...ical-Effects-of-EMF1.pdf> - Section !! has the findings of biological impacts, pp. 3

⁶ <https://www.arpansa.gov.au/news/5g-new-generation-mobile-phone-network-and-health>

⁷ <https://www.latimes.com/archives/la-xpm-1992-01-13-me-229-story.html>

⁸ <https://www.ncbi.nlm.nih.gov/m/pubmed/8213849/>

⁹ <http://healthland.time.com/2011/06/30/did-airport-scanners-give-boston-tsa-agents-cancer/>

¹⁰ https://www.wirelesseducationaction.org/dr-martin-pall/?fbclid=IwAR2rbNp9Rxnt-WFhPvL_u98Nk2qdKeWotTNAOtXazo5JZLUkSVTZejRhl-E

depression.¹¹ This is a major concern currently with the dramatic rise in youth suicide and the relative addiction of youth to mobile devices.¹² I fear for my own daughter who is expressing symptoms of deep depression.

Apart from effects on humans and my own personal health concerns I am particularly troubled by changes to wildlife in my own area which is inside a national park. This Spring there has been no dawn chorus, something that is usually quite distinct, even raucous, the number of small birds is almost zero in the town (and here we are only talking about 4G and a relatively small rollout), there are some larger birds but not the numerous flocks to which I am accustomed seeing in my own garden and my street. This is not an area where this decline in numbers can be attributed to pesticides etc. as it is generally a protected area. My observations may be explained by interference with navigation of birds and insects,¹³ or more alarmingly may be indicative of a decline in numbers.¹⁴ If I am feeling the effects of the 4G wireless currently generated, imagine the effect on small animals. This can only be exacerbated by the extensive deployment required for the 5G and smart city rollout planned.

Of particular concern is the worldwide decline in bee populations and the part they play in food production for many animals including humans. A recent paper from India by Ved Parkash Sharma and Neelima Kumar, indicated alarming damage to bee navigation, reproduction and behaviour, including colony collapse by testing with a cell phone.¹⁵ Numerous other studies have shown detrimental impact of cell towers on bee colonies.¹⁶ The deployment of 5G would bring radiation even closer to wildlife and at an increased intensity.

¹¹ *Microwave frequency electromagnetic fields (EMFs) produce widespread neuropsychiatric effects including depression*, Journal of Chemical Neuroanatomy, Dr. Martin Pall, Volume 75, Part B, September 2016, Pages 43-51

¹² <https://www.npr.org/2017/12/17/571443683/the-call-in-teens-and-depression>

¹³ <https://www.sciencedirect.com/science/article/pii/S0160412012002334>

¹⁴ <https://www.ncbi.nlm.nih.gov/pubmed/25089692?dopt=Abstract>

¹⁵ https://www.telegraph.co.uk/news/earth/wildlife/7778401/Mobile-phones-responsible-for-disappearance-of-honey-bee.html?fbclid=IwAR1Q2mLHj2jYzXED0PJZrGrEsm9H_NEtJYVjzmFgXiFHnUN11aG70FpuoaU

¹⁶ <https://ehtrust.org/science/bees-butterflies-wildlife-research-electromagnetic-fields-environment/>

My GP has identified that I suffer from EHS resulting in numerous conditions with the current EMF capacity. I don't understand why I am being exposed to something that my GP considers is dangerous to my health. Since many in the scientific and medical research fields have concluded that this deployment constitutes an experiment on life ¹⁷(and would not be allowed under laboratory conditions), I consider this to be a contravention of Human rights including all 10 research guidelines as detailed in the Nuremburg Code of 1947¹⁸. In particular, I do not consent to participation in what is a global experiment on life and I for one would like to opt out now. I cannot see how this is for the greater good of society. Surely health concerns override economic benefits; the risks should never exceed the possible benefits.

Yours faithfully,

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¹⁷ <https://www.5gspaceappeal.org/the-appeal>, opening paragraph

¹⁸ <https://www.imarcresearch.com/blog/bid/359393/nuremberg-code-1947>