

Committee Secretary
15 October 2019

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RE: Inquiry into 5G in Australia

Dear Sir/Madam,

My name is [REDACTED] and I would like to provide a submission regarding the inquiry into 5G in Australia, and specifically the deployment and adoption of 5G in Australia.

In this submission I would like to raise the following concerns:

- 1) I am very concerned that 5G cells will be in close proximity to residential areas which means that the radiation emitted from them will be closer to houses, penetrating residential and private property of individuals. Citizens of Australia have not been consulted on whether they consent to this radiation trespassing on their property on a 24/7 basis. There needs to be a fair discussion on this, getting councils/local governments involved and allowed to decide whether they allow these installations to be put in areas they represent.
- 2) Similarly to the above, as the deployment of 5G into residential areas will require many 5G cells in close proximity as well as satellites being used, this will blanket the suburbs with more radiation than what we are currently being exposed to, at frequencies higher to the ones we have currently. This level and these frequencies of radiation have not been tested for public safety. There are currently many studies that show that already the current level of radiation is not safe for humans (1). One of the most comprehensive studies, the NTP study, showed that already 2G and 3G can induce cancer (2). Will the Australian government provide compensation to people hurt by 5G? Please note that this could be quite significant and that is the reason why telecommunication companies cannot get insurance for electromagnetic radiation injuries.
- 3) I am also concerned that small cells in close proximity to houses will affect the re-sale price of the houses. Will the affected people be able to receive a compensation from the Australian government regarding this? The fall in house prices on a larger scale would cause a large economic strain on the Australian economy, easily leading to a deep recession considering that 40% of the loans given out by the big 4 banks cover real estate.

The above are some of the points that I raise against the deployment and adoption of 5G in Australia via satellites and small cells on the streets. Based on the points raised above, I believe that deployment of 5G in Australia will create a financial and economic burden which vastly outgrows the possible benefit of faster speed that this technology states it will provide. Instead of deployment of 5G, I encourage the Australian government to set up a research incubator which would focus on research into an alternate way of providing capabilities that 5G is said to provide, without posing any of the negative effects and burdens that 5G will create.

Sincerely,



List of References:

1. <https://bioinitiative.org/table-of-contents/>
2. https://ntp.niehs.nih.gov/ntp/about_ntp/trpanel/2018/march/tr595peerdraft.pdf