

16th October 2019

RE: Inquiry into 5G in Australia – Parliament of Australia

Hello & thank you,

I like many people in the community have a young family and have done my own research into the matter of 5G safety. Every time I read non-bias literature – 5G is not proven to be safe. As recently seen with US Senator Blumenthal on the 7th February 2019 -

<https://www.blumenthal.senate.gov/newsroom/press/release/at-senate-commerce-hearing-blumenthal-raises-concerns-on-5g-wireless-technologys-potential-health-risks> & <https://mdsafetech.org/2019/02/13/no-research-on-5g-safety-senator-blumenthal-question-answered/> .

The only places sprouting 5G as being safe are the telcos and 5G equipment makers – bias information. I applaud TPG for actually listening to their customers and abandoning their plans (https://tottnews.com/2019/10/10/tpg-abandons-5g-over-concerns/?fbclid=IwAR1w7zXINAHd0serjtU6aaH-S_1mUCfv8Neo0yHjvL8MikHL-idg_jTFCjA).

I urge you to act in the public interest by addressing the potential cumulative harms of densification (the crowding of small cells into a limited area) to enable 5G and insisting that public safety regulatory authorities need to prove that such densification of 5G technology is safe and that any deployment of 5G is regulated appropriately to ensure that the national security and the safety and privacy of the public is not compromised.

Please read the summary (https://bioinitiative.org/wp-content/uploads/pdfs/section_1_table_1_2012.pdf) of the Bio-initiative Report 2012 (updated 2014-2019) at <https://bioinitiative.org/> . It highlights how out of touch many governments are with the harm that can be caused by RFR (radiofrequency radiation) and EMR (electromagnetic radiation). 5G equipment emits RFR - a Class 2B carcinogen - <https://www.5gspaceappeal.org/the-appeal> . Is this not enough for pause and serious investigation? Thousands of peer-reviewed scientific studies show adverse effects on the body, consistent with ill-health, from exposures that comply with international standards - EMR and Health, Oct 2019, www.emraustralia.com.au .

Compliance with the Australian Radiation Protection and Nuclear Safety Agency's RPS3 Standard does not guarantee safety, it is out of date. In 2015, 215 scientists from 41 countries communicated their alarm to the United Nations and World Health Organization. They stated that "numerous recent scientific publications have shown that EMF [electromagnetic fields] affects living organisms at levels well below most international and national guidelines". More than 10,000 peer-reviewed scientific studies demonstrate harm to human health from RFR - <https://www.5gspaceappeal.org/the-appeal> . The standards the Australian Radiation Protection and Nuclear Safety Agency use are not up to standard themselves, compared to measuring methods available today. Some of the assumptions underpinning this Australia standard have been scientifically discredited (for example, that only thermal exposures cause health problems). Hundreds of scientists and doctors have called for a revision of the international standard on which our Australian standard is based (the EMF Scientist Appeal) - EMR and Health, Oct 2019, www.emraustralia.com.au .

Radiation-emitting antennas are being installed outside and close to people's homes without their approval and despite their objections, I have read carriers ignore letters of objection they receive from residents notified under the Mobile Phone Base Station Deployment Code - EMR and Health, Oct 2019, www.emraustralia.com.au .

Deployment of 5G networks is becoming undemocratic – the community has not been informed with non-bias information. I read that last year the Federal Government amended the Telecommunications (Low-impact Facilities) Determination 2018 to encompass small cell antennas so that communities, councils and state authorities would be denied the opportunity to have a say about where these antennas are located. By favouring the rights of the teleco industry over those of the community, the Federal Government has demonstrated a disregard for the principles of democracy don't you think? Australians have a right to have a say about the installation of radiation-emitting infrastructure outside their homes that is intended to penetrate their homes, correct? - EMR and Health, Oct 2019, www.emraustralia.com.au .

Due to the vast amount of infrastructure required for 5G to be used, deployment could cause exposure to wireless EMR against many people's consent, including within their family home. There are commercial solutions to stopping the radiation within the home, but it can be cost prohibited for most.

Damage goes well beyond the human race, as there is an abundant amount of evidence of harm to diverse plant and wildlife - <https://www.5gspaceappeal.org/the-appeal> . The damage to bees is incredible alarming. How will crops be fertilised to produce food in the future?

Despite what the United States are doing (https://www.youtube.com/watch?v=o_Gakw0dPvE), sprouting leadership and job creation – remember they did the same with Smart Meters and now wish they did not as seen in the documentary 'Take Back Your Power' (<https://vimeo.com/227169236>).

Political will can solve all our problems and implement a better strategy – please have the will.

Thank you.

Sincerely,

Karl Wilson

