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May 14, 2020

Dear FCC,

I wanted to write to you to emphasize how important I find responsible technology to be, and vocalize my concerns for the future of WiFi and wireless technology likes 5G (which, let's face it, is about connecting things not people). I really believe that if we can not move away from this, through a much safer, healthier alternative like fiber optics, we should not be pushing it on our country until we know it is safe. What we do know, is that it's currently not safe and that we need to better understand how something we currently use, like 4G is affecting our bodies in the long run.

Some background on why this matters to me…

I lost my 11-yr old cousin Nathan to a rare, melanoma brain tumor in March of 2018. As he was dying, my boyfriend – love of my life – was diagnosed with another kind of brain cancer (glioblastoma multiforme that grew in 3 months!) They have both passed now, so you can understand why I've been doing everything I can to understand the implications of all kinds of radiation and potentially carcinogens in ours lives and in society.

Some background to why this is related to EMF, in my humble personal opinion, are two main things:

1) My cousin lived in Palo Alto surrounded by 47 towers towers and 298 antennas within a 2 mile radius, that is crazy…how else does a 9 yr old (died at age 11) get diagnosed with a melanoma tumor that starts in their brain!?!?!

2) I recently found a AC field (electrical current) leak inside my boyfriend's living space (which is a 50ft wooden boat where he lived for 25 years, where I live now). I will soon more quantify it, but it was found and labeled significantly dangerous by a leading marine electrician who found it INSIDE the boat (typically leaks happen outside of a vessel near the shore power). This freaked me out because I am a maritime professional, I am a 35 year old woman who is a licensed captain, I understand marine wiring and boats. Anyway, the entire floor of the wheelhouse was electrically "hot" and we sourced it to an old battery charger. Ironically, it is in the same place the WiFi router used to be (double whammy), and my boyfriend used to take calls there (he was a general contractor/builder), and he had two cell phones so usage was high. His tumors were also on the right side of his head by his ear where he holds his phones. The leak is also in the same places where he had painful seizures, which I find equally re-traumatizing as I do fascinating.

My point in sharing all this is, we know enough through scientific data that low frequency millimeter waves are harmful, so we must do everything possible to find alternative solutions to keep the world connect in a way that isn't detrimental to our health. If we create AI at the expense of public health, it will be so much worse than if we took the conservative approach.

I am sure you are familiar with the $30 million NTP studies took more than 10 years to complete and just released in 2018, studying *only* 2G and 3G…so it doesn't even include 5G or WiFi.

Here is the press release: https://urldefense.proofpoint.com/v2/url?u=https-3A__www.niehs.nih.gov_news_newsroom_releases_2018_november1_index.cfm&d=DwIFaQ&c=iORugZls2LlYyCAZRB3XLg&r=ZX7H7xeVkd9TOTtHCNhLTXz4QJJmzWcrup6YSaehJRA&m=M8cFL61aPOC24B35NfWkX5_b6zeBd5aASPFu-YB_shs&s=q2pu0mY_j22hIcma_6nSV5i5rVvoLmAjNWrP_p7kyUQ&e=

https://urldefense.proofpoint.com/v2/url?u=https-3A__ntp.niehs.nih.gov_whatwestudy_topics_cellphones_index.html&d=DwIFaQ&c=iORugZls2LlYyCAZRB3XLg&r=ZX7H7xeVkd9TOTtHCNhLTXz4QJJmzWcrup6YSaehJRA&m=M8cFL61aPOC24B35NfWkX5_b6zeBd5aASPFu-YB_shs&s=JMupec4i7bMXvleqgDR-HCkx8zCemJvr1boYmzmp6xs&e=

Additionally, Joel M. Moskowitz, Ph.D. in Berkeley has been circulating abstracts of newly-published scientific papers on wireless radiation and electromagnetic fields (EMF) about once or twice a month since August 2016. They presently cover more than 850 scientific papers, please familiarize yourself with them if you haven't already: https://urldefense.proofpoint.com/v2/url?u=http-3A__bit.ly_200501EMF&d=DwIFaQ&c=iORugZls2LlYyCAZRB3XLg&r=ZX7H7xeVkd9TOTtHCNhLTXz4QJJmzWcrup6YSaehJRA&m=M8cFL61aPOC24B35NfWkX5_b6zeBd5aASPFu-YB_shs&s=gz0bC53tUT-Nh2QSLKwU6j4BEncE1Z7xEN-ailr3nnY&e=

In conclusion, new technologies should not be rolled out without the assurances they are safe. High frequencies should not be assumed to be safe as lower frequencies are not safe based upon thousands of peer reviewed, published studies (see above examples). Charging stations that charge phones from across room area are unnecessary and potentially harmful to children. So please, for your health and ours and those who cannot escape the impacts of these types of technology (including those who do not use cellular devices or WiFi), tread lightly. Ask more questions…even if the answer doesn't equal profit. Besides, doing what is right for public health is always profitable in the end, it's only not when you turn the other way and ignore at all the warning signs.

Thank you for listening,

Lauren de Remer