

Thank you for the opportunity to comment. I am very concerned about electromagnetic field exposure.

We must ensure that the public is appropriately protected from any potential adverse effects from electromagnetic radiation exposure. The FCC's current safety guidelines do not take into account published research on the biological effects of electromagnetic radiation. Instead, they use a standard that measures thermal heating of biological tissue, with the assumption that there are no adverse impacts of electromagnetic radiation on the human body until it is cooked. Dozens of scientific studies have shown the harmful impacts of electromagnetic radiation on human health, even at low levels of exposure. The most commonly accepted guidelines are the Building Biology recommendations that list 1,000 microwatts/m² as the threshold for "extreme concern" (http://www.baubiologie.de/downloads/english/richtwerte_2008_englisch.pdf). On May 31, 2011, the World Health Organization's International Agency for Research on Cancer (IARC) classified radiofrequency fields as "possibly carcinogenic to humans."

The last time the FCC invited public comment was July 2009. At that time, comments were dominated by industry and corporate interests, discouraging the FCC from further tightening electromagnetic radiation guidelines.

I am concerned about needless additional RF radiation and electrosmog from "smart meters" when better technological options are available, and also alarmed by inadequate safety standards for wireless cell phones.

People have come to rely on and enjoy our technological devices. I think we are also capable of making them safer.