

**Before the  
Federal Communications Commission  
Washington, D.C. 20554**

In the Matter of	)	
	)	
Notice of Proposed Rulemaking	)	
18 FCC Rcd 13187, 13188 ¶1 (2003)	)	ET Docket No. 03-137
	)	
And	)	
	)	
Service Rules for the Advanced Wireless Services	)	WT Docket No. 12-357
H Block---Implementing Section 6401 of the	)	
Middle Class Tax Relief and Job Creation Act of	)	
2012 Related to the 1915-1920 MHz and	)	
1995-2000 MHz Bands ¶53 footnote 95	)	

To: Office of the Secretary  
Federal Communications Commission  
Washington, DC 20554

Comment Filed by: Karen R. Lippincott  
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February 4, 2013

**AFFIDAVIT OF KAREN R. LIPPINCOTT**

State of Colorado]

El Paso County ]

I, Karen R. Lippincott, attest that my statements are true to the best of my knowledge.

**Comment** round for ET Docket No. 03-137 and WT Docket No. 12-357.

1. My name is Karen R. Lippincott. My address is 7070 Roaring Spring Avenue, Fountain, CO 80817
2. I am mostly retired from the University of Michigan, Institute for Social Research. I served as both an interviewer and a supervisor, Production Coordinator, for the western United States for 20 years, continuing to serve part time administering the Monitoring the Future study from February to June each year in Kansas and Colorado.
3. My husband has both a pacemaker and a defibrillator. The World Health Organization and multiple other organizations, medical clinics and physicians, including his electrophysiologist and cardiologist have told us the EMR/radio frequency from the Smart Meters currently being installed in Fountain, CO can alter and potentially shut off my husband's pacemaker/defibrillator. If it is altered or shut off it is a matter of life and death for him. EMRs have the same effect on other implanted devices such as pain pumps and insulin pumps.
4. 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/m<sup>2</sup> as the threshold for "extreme concern" ([http://www.baubiologie.de/downloads/english/richtwerte\\_2008\\_englisch.pdf](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."

5. Dozens of scientific studies have shown negative impacts of EMR on human health, even at low levels of exposure. The most commonly accepted guidelines are the Building Biology recommendations that list 1,000 microwatts/m<sup>2</sup> as the threshold for “extreme concern” ([http://www.baubiologie.de/downloads/english/richtwerte\\_2008\\_englisch.pdf](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 FCC does not use biologically determined guidelines that affect health, but rather uses a standard that measures thermal heating of biological tissue. The premise that there are no adverse impacts of EMR on the human body until it is cooked is completely ridiculous.
6. Electric Utility “Smart Meters” generate 160 times more radiation than a cell phone according to independent research by the University of California at Santa Cruz.
7. Studies have shown that the increase in all sorts of wireless technology is in direct parallel to the increase in cases of autism in children as well as increased cases of ADD and ADHD in students in both public and private schools.
8. In Fountain, CO, the schools have huge cell/wireless towers next to the building and Smart Meters have already been installed in the Junior High nearest our home. That means radiation 160 times greater than a cell phone is pulsing through that school 24/7 causing damage to the developing brains and other organs of the 11 to 13 year old students. The other schools in our town will have Smart Meters installed soon. I am very concerned for the welfare of our children.
9. I urge the FCC to adopt new RF safety guidelines that take into account published research on the biological effects brought on by the ability of RF signals to communicate with living tissue, and more specifically, to consider the Building Biology guidelines for human health.

Respectfully submitted by

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