

**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: Alexandra Ansell
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February 27 , 2013

AFFIDAVIT OF ALEXANDRA ANSELL

State of Florida,

Brevard County

I, Alexandra Ansell, 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 Alexandra Ansell. My address is 728 John Adams Lane, West Melbourne, Florida 32904

2. I am a medical transcriptionist.

3. I was exposed to a high level of electromagnetic radiation inadvertently at work (in an MRI center) after being moved to a different work station and suffered many symptoms during the exposure while being unaware of the high electromagnetic field. The symptoms included extremely painful cluster migraine headaches for which I needed oxygen which, after only a short time, failed to provide any relief. When I realized the change in location was responsible for a high EMF exposure (an OSHA violation as demonstrated by tri-field meter) and was relocated, the symptoms abated. I subsequently could no longer use a computer with a CRT and had to have flat screen monitor or the symptoms reoccurred. I am also chemically sensitive (which predates the high EMF exposure).

4. I now work at home and try to avoid exposure to at least some radiofrequency radiation (as involuntary exposure is now unavoidable), to strong electromagnetic fields and to toxic chemicals (as per the American Academy of Environmental Medicine, there is a synergistic effect between exposure to EMF and chemicals in the chemically sensitive).

I have contacted my state and congressional representatives, Florida Power & Light, the Florida State Attorney General, the Public Service Commission and the Inspector General

of the PSC, et alia, in an attempt to halt the installation of smart meters on my home and in my neighborhood. I spoke to the Brevard County Commission in March of 2012 on the subject of RF and smart meters and again in May, 2012 (along with many other concerned individuals) and the County Commission subsequently adopted a unanimous resolution to the PSC, after reviewing a lot of information and hearing and seeing presentations by the Utilities and opponents of the meters, that there should be an opt out to smart meters (in fact, several commissioners agreed that there should have originally been an opt in!) We are still waiting for news of an “opt out” of smart meters from the Florida PSC after a “workshop” in Tallahassee that very few could attend which included hours of presentations by the Utilities and a small “public comments” section for opponents of smart meters – without sworn testimony or attendance by the Public Service Commissioners. This was an embarrassment and a travesty which would be laughable if the stakes were not so high for so many.

5. The California Council on Science and Technology (whose findings are based on estimates only from the EPRI – an industry-funded organization representing a conflict of interest) published their findings omitting the negative comments of the very experts whose expertise was solicited for the publication on which the media and utilities based their assertion that “there are no known risks to living with a smart meter” and that smart meters are compliant with FCC standards (a fact not demonstrated by actual measurements, especially when considering that many people live in multi-unit dwellings and are exposed to whole banks of RF-emitting meters sometimes inches from where they sleep). Add smart meters to the existing unmeasured burden of RF from cell phones, WiFi, and the growing number of wireless devices, in addition to appliances soon to be fitted with RF transmitters to communicate with meters, and we are being exposed to unprecedented amounts of microwave radiation. The “thermal only” standard set by the FCC for RF tissue shock, heating and burning is completely outdated and fails to include the huge body of medical literature demonstrating negative biologic effects of nonthermal microwave radiation.

6. In 2002, the EPA commented that the safety standard for RF exposure set by the FCC could NOT be demonstrated to be protective of the general population, especially with respect to sensitive populations. There is a great and growing body of evidence that RF exposure in the microwave spectrum produces negative biologic effects at levels much lower than previously thought (see Bioinitiative report 2012 "...The levels of exposure we face in 2012 are higher, and have crept into every day life, even for children. The levels at which undesirable effects on health and well-being are seen are much lower. The levels of concern have dropped lower in 2012 by 10s to 100s of times..."). It is long past time to perform an environmental impact study for RF, set a realistic biological standard for RF exposure that includes nonthermal effects of RF radiation and to recognize that we are being exposed to unprecedented levels of a potential carcinogen (World Health Organization) involuntarily. According to a summary from the Bioinitiative report of 2012, "the most serious health endpoints that have been reported to be associated with extremely low frequency (ELF) and/or radiofrequency radiation (RFR) include childhood and adult leukemia, childhood and adult brain tumors, and increased risk of the neurodegenerative diseases, Alzheimer's and amyotrophic lateral sclerosis (ALS). Recent studies largely reinforce the potential risks to health (rather than reducing our concerns, or providing actual indications of safety). In addition, there are reports of increased risk of breast cancer in both men and women, genotoxic effects (DNA damage, chromatin condensation, micronucleation, impaired repair of DNA damage in human stem cells), pathological leakage of the blood-brain barrier, altered immune function including increased allergic and inflammatory responses, miscarriage and some cardiovascular effects. Insomnia (sleep disruption) is reported in studies of people living in very low-intensity RFR environments with WI-FI and cell tower-level exposures. Short-term effects on cognition, memory and learning, behavior, reaction time, attention and concentration, and altered brainwave activity (altered EEG) are also reported in the scientific literature."

7. As the agency designated to be responsible to the American people for adequate protection from RF, the FCC has failed to set a realistic safety standard. The FCC's

“thermal only” standard is that which has allowed unabated and ubiquitous exposure by RF to fetuses, newborns, children, the elderly, the already ill and immune compromised and sensitive populations, as well as to the general public. As a person who has been adversely affected and is subsequently now more sensitive to the effects of EMR, I personally appeal to you at the FCC not to ignore the multitude of studies and findings now available establishing nonthermal negative biological effects of RF radiation in the microwave spectrum and to immediately work to establish a realistic, biologically-based safety standard with public oversight backed by independent (non industry based/funded) experts.

Respectfully submitted by

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