

AFFIDAVIT OF Kevin Mottus

State of California]

Los Angeles County]

I, Kevin Mottus, 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 _Kevin Mottus_ . My address is 1800 Camden Avenue #209 Los Angeles, CA 90025.
2. I am (Social Worker)
3. Beginning with section 4 below my comments refer to: Summary:IB Docket No. 12-376 - NOTICE OF PROPOSED RULEMAKING AND REPORT AND ORDER: “In this Report and Order, we provide for the efficient licensing of two-way in-flight broadband services, including Internet access, to passengers and flight crews aboard commercial airliners and private aircraft. These rules will enhance competition in an important sector of the mobile telecommunications market in the United States and promote the widespread availability of Internet access to aircraft passengers.” ... “By means of satellite antennas mounted on the exterior of aircraft, satellites will be able to communicate with mobile devices used by passengers and crew of those aircraft. The satellite antenna will carry the signal to and from the aircraft, and mobile technologies such as Wi-Fi will provide communications within the aircraft’s hull.” Proposed Part 25 Amendment: § 25.227 Blanket Licensing provisions for Earth Stations Aboard Aircraft (ESAAs) receiving in the 10.95-11.2 GHz (space-to-Earth), 11.45-11.7 GHz (space-to-Earth), and 11.7-12.2 GHz (space-to-Earth) frequency bands and transmitting in the 14.0-14.5 GHz (Earth-to-space) frequency band, operating with Geostationary Satellites in the Fixed-Satellite Service.
4. With the FCC’s plans for WiFi airplanes and allow wireless devices to be used there is no consideration of the significant RF exposure passengers and crew will receive from simultaneous transmissions from passengers’ numerous laptops, smartphones and tablets being used throughout the metal enclosure of the aircraft for the duration of the flight. Parts of Europe introduced wireless technology into general use much earlier than in the United States. We should learn from their experience. In Austria they have recognized the existence of EMF related problems and illness and EMF syndrome due to wireless microwave exposure (see attached Austrian Medical Guidelines 2012). In Sweden they recognize EHS or electrohypersensitivity due to wireless microwave exposure and recognize that it can manifest to the degree to cause disability. In both cases they recognize the existence of non-thermal effects of RF microwave exposure. Here in the US, the FCC continues to deny even the existence of non-thermal effects of RF which is

inexcusable given the number of studies showing non-thermal effects and other country's recognition of these real symptoms and syndrome. But even more inexcusable is the damage you are doing to our public health. DO NOT PERMIT ANY FORM OF WIRELESS ON AIRPLANES DUE TO NON-THERMAL EFFECTS.

5. Attached are The Guideline of the Austrian Medical Association for the Diagnosis and Treatment of EMF related Health Problems and Illness (EMF Syndrome). Note at the end the patient questionnaire which clearly delineates the expected symptoms from RF exposure suffering unnecessarily from microwave syndrome (page 15). The FCC could educate the public about possible signs and symptoms of microwave syndrome so they could report these symptoms back with increases in microwave exposure. The FCC could let people know so that they could take preventative measures to reduce exposure and reduce medical symptoms. Instead the FCC chooses to leave people in the dark. The FCC could research this microwave syndrome and begin to contract independent research free of wireless industry manipulation and influence to ensure the safety and define the harms done by RF microwave energy. However, this is assuming that the FCC is not heavily biased due to its alignment with the wireless industry and assumes that they care about the public's health. These are two large assumptions given the FCC's history of ignoring the non-thermal effects and letting people suffer with illness and die like dogs.

6. Also attached is the Environmental Medicine Evaluation of Electromagnetic Fields distributed by the Austrian Medical Association. Notice reference to multiple studies which clearly delineate non-thermal biological symptoms associated with microwave RF radiation exposure. Note on page 33 & 34 the expected symptoms from RF microwave exposure and reference to a "microwave syndrome which the FCC should research and test for using medical doctors before exposing our children and other citizens. Note the author doctor Gerd Oberfeld on page 40 recommends to avoid known non-thermal biological effects an indoor exposure level of 0.0001 uWcm² which is more than 10 thousand times lower than the permissible FCC level of exposure. We are exposing our people to tremendous harm by ignoring these non-thermal effects and insisting on using a physicist and engineers perspective rather than a doctors perspective in examining and setting acceptable exposure levels. He clearly states that children should not be exposed but it will be children who you are exposing intensely in the airplanes for hours at a time.

7. Do not permit any wireless on airplanes due to harmful non-thermal biological effects and lower the permissible exposure levels to .0001uW.cm² as recommended by the Austrian Medical Association in all other environments. We need to heed the advice of Austria and Sweden where they have introduced on a wide scale wireless technology on large scales years before we have.

Respectfully submitted by

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