FCC 13-39

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

In the Matter of	)	
	)	
Reassessment of Federal Communications Commission Radiofrequency Exposure Limits and Policies	)	ET Docket No. 13-84
	)	
Proposed Changes in the Commission's Rules Regarding Human Exposure to Radiofrequency Electromagnetic Fields	)	ET Docket No. 03-137

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

Comment Filed by: Steven Magee CEng MIET
3618 S. Desert Lantern Road
Tucson, Arizona 85735
stevewmagee@yahoo.com
520-505-6558

21st August, 2013

ET Docket No. 13-84 & ET Docket No. 03-137

AFFIDAVIT OF Steven Magee Ceng MIET

State of Arizona]

Pima County]

I, Steven Magee, attest that my statements are true to the best of my knowledge.

Comment round for FCC ET Docket No. 013-84 and ET Docket No. 03-137

1. My name is Steven Magee. My address is 3618 S. Desert Lantern Road, Tucson, Arizona 85735.

2. I am a Chartered Electrical Engineer, a Member of the Institution of Engineering and Technology (IET), electromagnetic radiation researcher and author of many books.

3. During many plant tests performed at my home I became aware that I could not grow vines in certain areas of my garden. The area of my garden where the vines will not grow well is the direct line of sight to the west cell phone tower located on the junction of W. Bopp Road and S. Tucson Estates Parkway approximately 700 meters away. They are clearly being retarded by the radiation transmissions from this direction. The same vines that are not in the line of sight grow vigorously. I would like to invite the FCC to study this effect at my home and request that the approval of cell phone towers is halted by the FCC until this plant retardation effect is fully understood. This is shown in photograph 1 below.

4. Transmitter towers create solar radiation reflections and interference. They also create radio and microwave reflections and interference from other wireless transmission systems in the area. They short circuit the atmospheric layers that they pass through and may increase the rate of lightning strikes in the area if they are taller than the nearby surrounding structures. A complete study should be performed to fully understand these effects in each area that a cell tower is installed into. These effects will be unique to each tower installed. Transmitter towers should not be

approved until these effects are fully understood in residential areas. This is shown in Diagram 1 & 2 and photograph 2 below.

5. It appears that transmitter systems short circuit the local atmospheric direct current (DC) voltage layers in the area that they are installed into. This short circuiting of the DC voltage atmospheric layer appears to have links to plant growth defects and metal corrosion. Metal corrosion is widely acknowledged to be driven by DC galvanic effects. A study should be performed by the FCC to fully understand this loss of atmospheric DC voltage in the area before installing transmitter systems into residential areas. I have been able to replace the atmospheric DC voltage in plants by using a 1.5 volt DC battery connected between the roots and the stem of the Dieffenbachia (Dumb Cane) plants and this rectifies the growth defects. This is shown in photograph 3 below.

6. The installation of large amounts of transmitting electronic equipment contaminates the local electrical utility system and home electrical systems in the area with harmonics, dirty electricity and stray voltage/current/frequency. This may turn the ground, utility power lines and poles, streetlights, home electrical wiring and the trees in the area into unlicensed radiation transmitter systems. It may increase the various fields and emissions from electrical systems. It is known for its harmful affects on animals and plant life and may deform and retard the plants in the area. Transmitter systems should not be approved in residential areas until the effects of injecting large amounts of electronic harmonics, dirty electricity and stray voltage/current/frequency into the surrounding area are fully understood. A stray voltage/current/frequency deformed Dieffenbachia (Dumb Cane) plant is shown in photograph 4 and an electronic stray voltage waveform is shown in oscilloscope waveform 1.

7. I found that my garden was filled with many retarded and deformed plants and that their growth was greatly improved when I removed my wireless devices from service. I have observed the following effects:

8. Found that Smart/AMR/AMI utility transmitting meters can have a toxic effect on the various biological systems that are near to them. The harmful biological effects can occur for at least 76 feet from some of the devices and can kill plants.

9. Found that the radiation emissions from ionizing smoke detectors can retard cellular growth and may actually kill certain types of plants.

10. Found that wireless radiation puts plants into a dormant state where they follow the changes in the seasons but do not actually grow nor bear fruits. They become sterile and stunted. Removing the wireless radiation exposures resurrects them.

11. Found that wireless radiation affects the growth and branching structure of some plants. Plants that grow tall may instead grow low to the ground.

12. Some vines will not grow into areas of biologically unnatural radiation.

13. Found that wireless radiation fields are patchy and unpredictable. Just moving a few inches can be the difference between a plant being healthy or it being stunted and deformed.

14. Found that pulsed radiation from wireless weather station sensors and wireless utility meters can really retard and deform plants that are close to them. In some cases they will kill the plants.

15. Discovered that certain electromagnetic exposures deform and retard plant growth and when removed, the plant drops all of the previous deformed leaf growth and starts growing normal growth from the tips of electromagnetic exposed part of the plant. The previously exposed part of the plant stays bald.

16. Discovered that certain plants in unnatural radiation fields will only grow leaves on their branch tips at the edge of the plant. The interior of the branches of the plant stay bald. This growth pattern rectifies itself when the unnatural radiation field is removed.

17. Found that the pomegranate tree will drop all of its leaf growth when the harmful wireless radiation field is removed and put up new growth from its base. The existing

branches stay bald. The following year, it will put new leaf growth on both the old and new branches and bear fruit.

18. Found that certain plants in biologically unnatural electromagnetic fields will turn their normally patterned leaves into dark green glossy leaves with no patterning. The leaf size of the Dieffenbachia (Dumb Cane) plant varies with the type of electromagnetic exposure. This is shown in photograph 5 below.

19. Found that the human gets painful sensitive teeth for a few weeks after taking domestic wireless devices out of service. It appears to be a withdrawal reaction to the changed radiation environment.

20. My diagnosis of electromagnetic hypersensitivity (EHS) is shown below in diagnosis 1 and 2. This is consistent with the growth defects that are observed in the plants at my home that is between 600 to 700 meters from three separate cell phone towers and all homes in the area have Itron transmitting gas and electric meters installed at them.

21. The rate of Autism has been closely following the rise in cell phones and cell phone towers for the past decade and this is shown below in graph 1. It appears that radio frequency exposure may be affecting brain development in the children.

22. People are now reporting curing Autism by electromagnetically shielding the child's bedroom. This is consistent with Autism being an electromagnetic disease and may indeed be easily preventable.

23. The human is supposed to be exposed to the DC atmospheric voltage and the lack of it may make the human sick and possibly cause development problems in the young. This is shown in diagram 3 below.

24. I observed the following symptoms occurring after the installation of Itron 100G transmitting gas meters in my area in January 2013: January: Fatigue. February: Fatigue, waking up feeling hung over and lethargic. March: Fatigue, waking up feeling hung over and lethargic, fuzzy thinking and concentration problems. April: I abandoned my bed and started to sleep on the floor. I also increased the

electromagnetic screening around the transmitting AMR meters. This reduced the severity of the symptoms.

25. I observed the following conditions occurring during sitting within 2 feet of a Wi-Fi computer printer in a 1,000 mV/m radiation field daily: Day 1 - Fuzzy thinking. Day 2 - Dizziness, fuzzy thinking, headaches. Day 3 - Dizziness, fuzzy thinking, headaches, insomnia. Day 4 & 5 - Dizziness, fuzzy thinking, headaches, insomnia, fatigue.

26. Regarding wireless radiation exposures, the EMFields Acousticom 2 radio frequency meter manual states: 6 to 3 V/m: Too high for ambient levels. 1 to 0.3 V/m: Too high for many people. 0.1 to 0.05 V/m: Many people have symptoms. 0.02 to 0.01 V/m: Most people with EHS are okay.

27. One of the dilemmas with Radio Wave Sickness (RWS) and Electromagnetic Hypersensitivity (EHS) is to get sick from living in an unnaturally man-made high radiation environment, or to get sick from an electromagnetically screened natural radiation deficient environment. Either way, many humans will eventually get sick! Even pregnant mothers are electromagnetically shielding their unborn babies with a product called "Belly Armor". This action may eventually make them sick from radiation deficiency problems, similar to what astronauts show that live on the International Space Station for many months. The only known effective solution to RWS and EHS is to return your radiation environment back to natural levels.

28. Radio Wave Sickness (RWS) and Electromagnetic Hypersensitivity (EHS) are rapidly accelerating plagues in modern society. Sweden appears to be the only country that currently recognizes the conditions. In Sweden approximately 300,000 people are registered as having EHS. Sweden has a population of 9,555,893 as reported in the 2012 census. This equates to 3.12 percent of the population, or 1 in 32 people, that is aware that it is being affected by unnatural radiation exposures which include electrical, electronic and wireless systems.

29. Radio Wave Sickness is well categorized today and the top reported radio wave sickness symptoms in order of frequency are: Fatigue, sleep disturbance, headaches,

feeling of discomfort, difficulty in concentrating, depression, memory loss, visual disruptions, irritability, hearing disruptions, skin problems, cardiovascular, dizziness, loss of appetite, movement difficulties and nausea. (Source: Symptoms experiences by people in the vicinity of cellular phone base station, Santini 2001, La Presse Medical.)

30. Videos that support the above points can be found at the StevenMageeBooks channel on www.youtube.com.

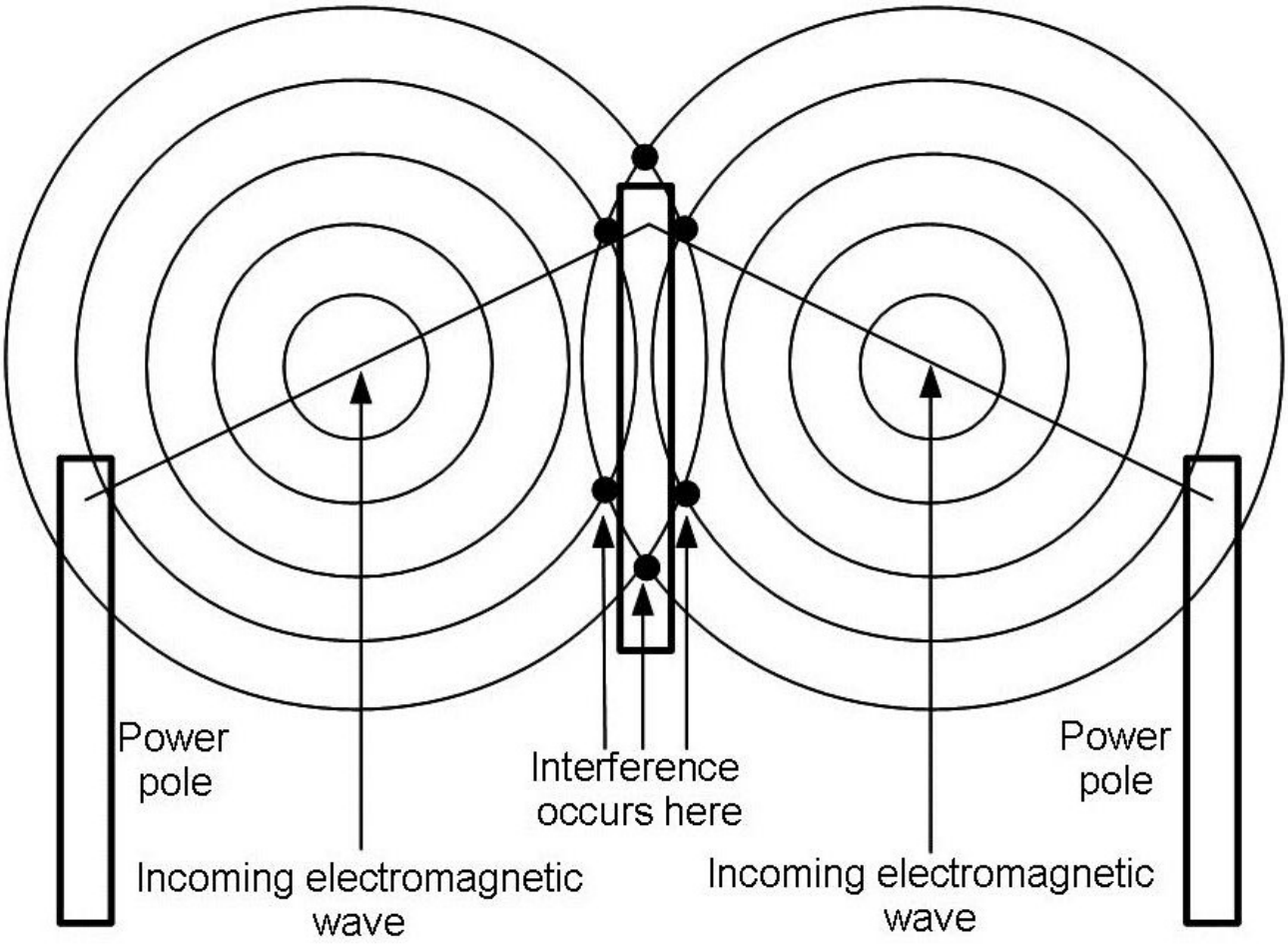
31. Expanded information on the above points can be found in the second edition of the book "Toxic Electricity" which is available on www.amazon.com.

Respectfully submitted by: Steven Magee – Chartered Electrical Engineer

Photograph 1

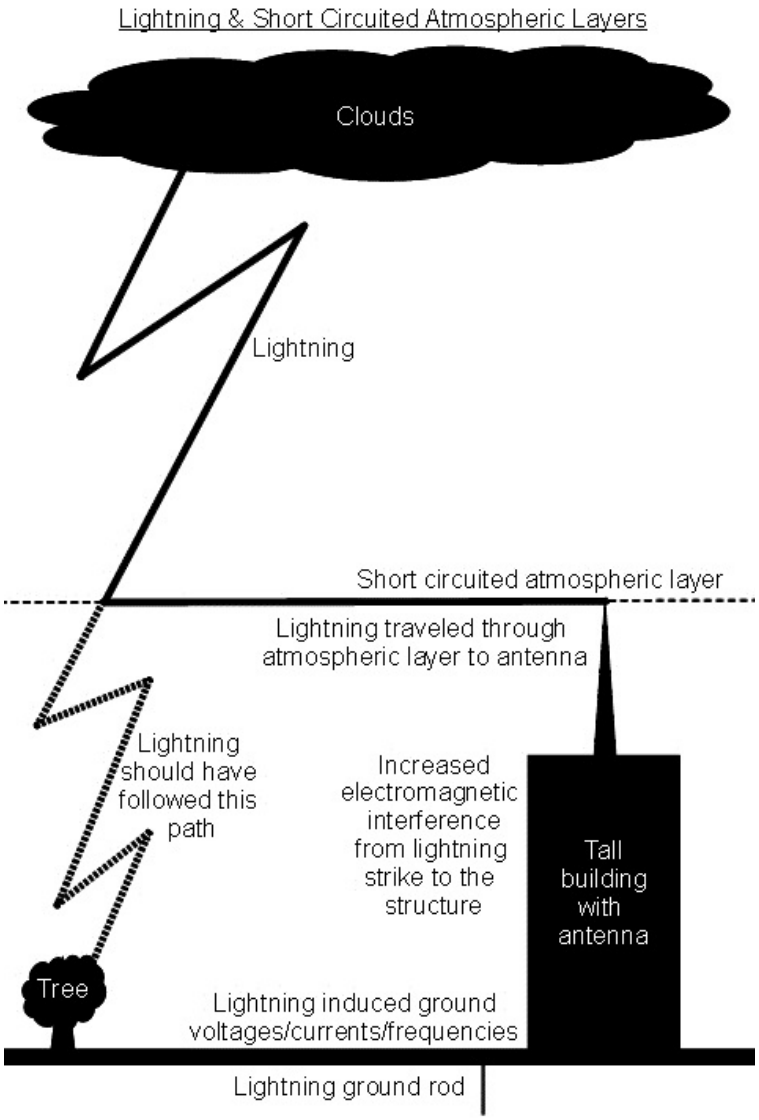
Diagram 1

Power Line Radio Frequency Reflections and Interference



Photograph 2

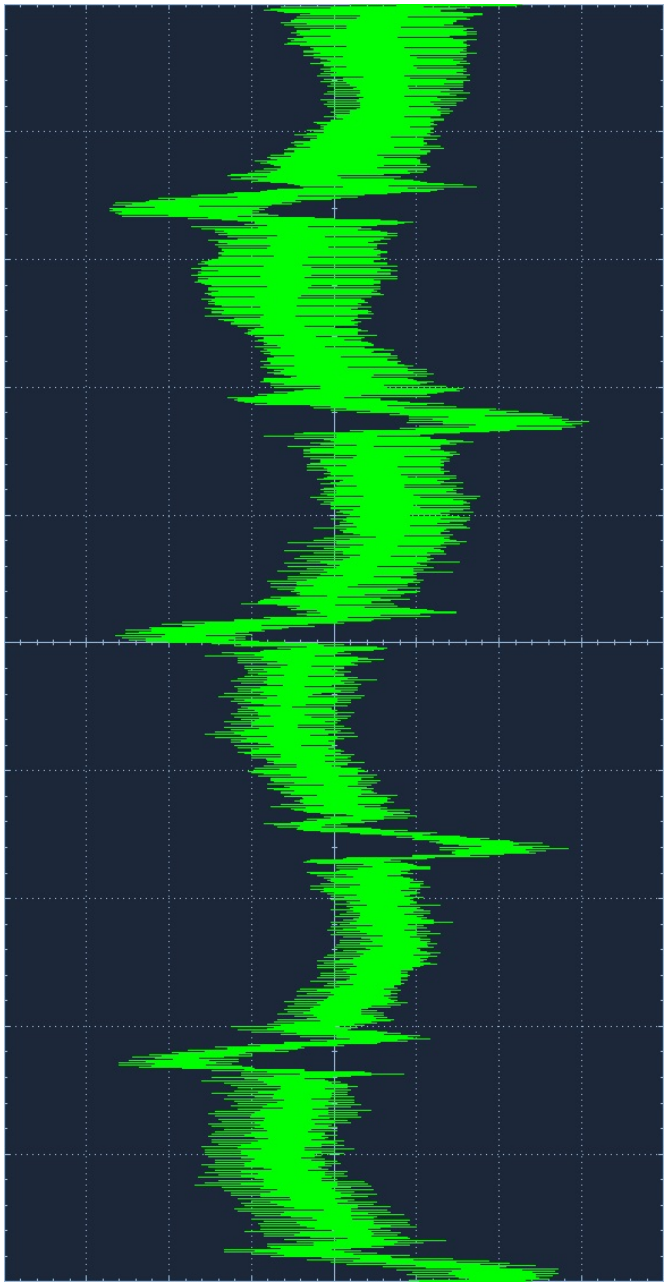
Diagram 2


Lightning & Short Circuited Atmospheric Layers
Clouds
Lightning
Short circuited atmospheric layer
Lightning traveled through atmospheric layer to antenna
Lightning should have followed this path
Increased electromagnetic interference from lightning strike to the structure
Tall building with antenna
Tree
Lightning induced ground voltages/currents/frequencies
Lightning ground rod

Photograph 3

Photograph 4

Oscilloscope Waveform 1



Photograph 5

Diagnosis 1

ROBERT KAPLAN, MD, LLC

June 3, 2013

Southwest Gas
Tucson Electric Power
Tucson Water

RE: Steven Magee
3618 S. Desert Lantern Rd.
Tucson, AZ 85735

I have evaluated Mr. Steven and find that he exhibits signs and symptoms consistent with electromagnetic hypersensitivity. He has been advised to avoid exposure to automatic meter readers (AMRs)/Smart Meters.

Sincerely,

Robert D, Kaplan, MD

P.O. Box 28696 Scottsdale, AZ 85255 (480) 991-7478

Diagnosis 2

DEPARTMENT OF HEALTH & HUMAN SERVICES

Food and Drug Administration
Center for Devices and Radiological Health
10903 New Hampshire Ave.
Document Mail Center – WO66 G609
Silver Spring, MD 20993-0002

SEP 14 2012

Mr. Steven Magee
3618 S. Dessert Lantern Road
Tucson, AZ 85735

Dear Mr. Magee:

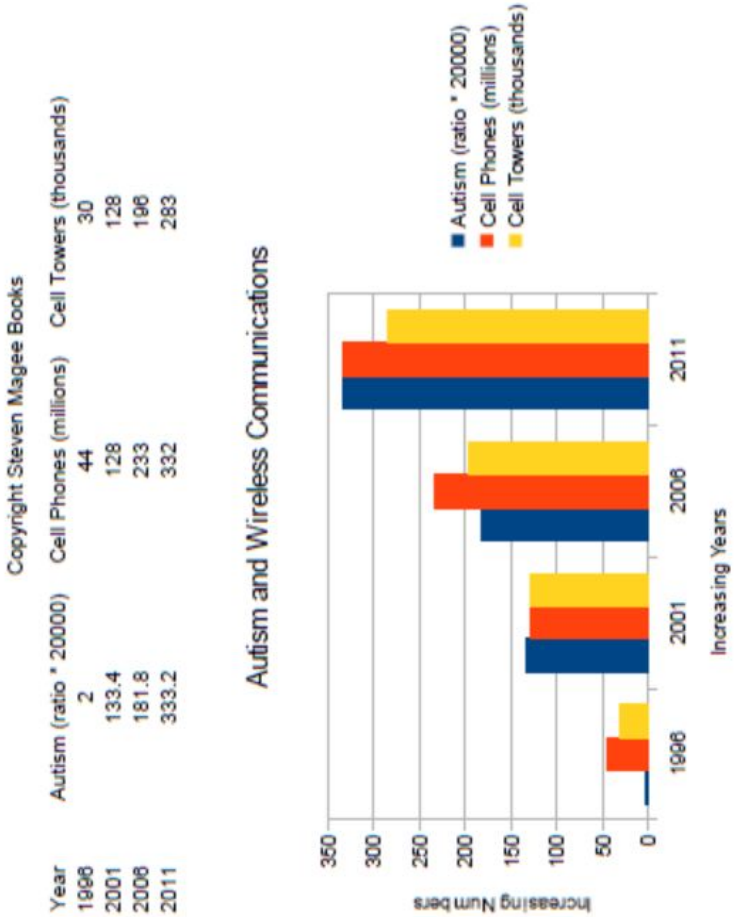
Thank you for your letter to the Food and Drug Administration regarding your concerns about public exposures to electromagnetic fields and non-ionizing electromagnetic radiation (EMF). The information in the document you provided is consistent with people who describe themselves as electromagnetically hypersensitive (EHS).

The World Health Organization (WHO) has published a fact sheet about EHS which is available at: http://www.who.int/mediacentre/factsheets/fs296/en/index.html. This fact sheet was produced as part of the WHO's International EMF project: http://www.who.int/peh-emf/publications/en/. Also, more information about EMF is available on FDA's cell phone and electromagnetic interference web pages: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

Sincerely yours,

Robert J. Doyle, Chief
Electronic Products Branch
Division of Mammography Quality
and Radiation Programs
Office of Communication, Education,
and Radiation Programs
Center for Devices and
Radiological Health

Graph 1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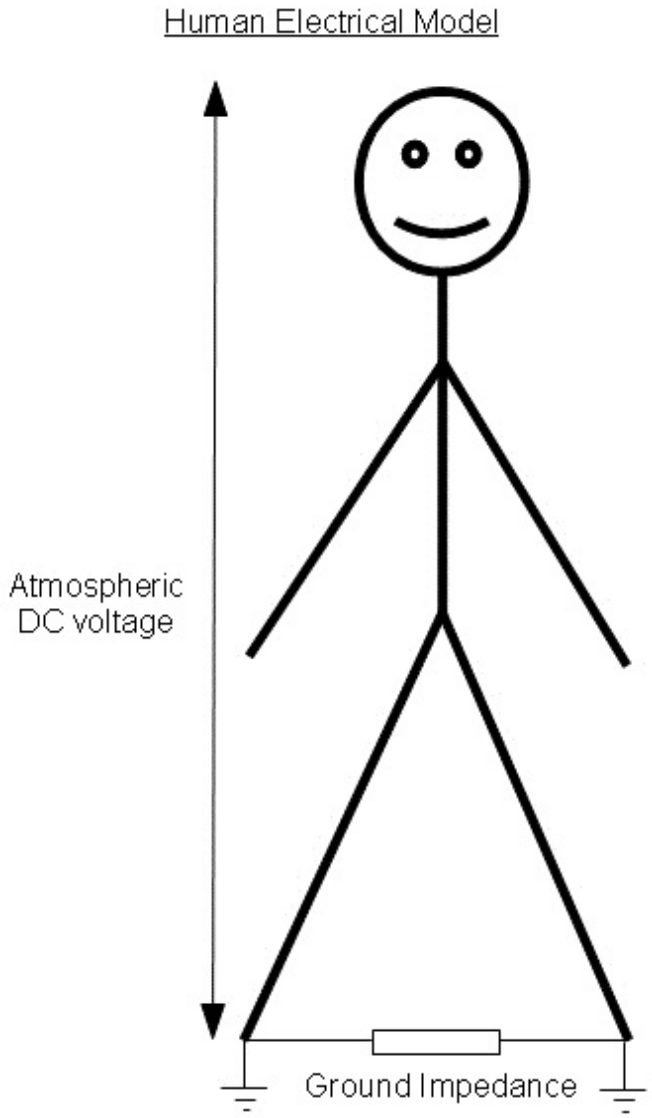
Year
Autism (ratio * 20000)
Cell Phones (millions)
Cell Towers (thousands)
1996
2
44
30
2001
133.4
128
128
2006
181.8
233
196
2011
333.2
332
283
Autism and Wireless Communications
Autism (ratio * 20000)
Cell Phones (millions)
Cell Towers (thousands)
Increasing Numbers
350
300
250
200
150
100
50
0
1996
2001
2006
2011
Increasing Years

Diagram 3


Human Electrical Model
Atmospheric
DC voltage
Ground Impedance

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Filing Detail

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Address	3618 S. Desert Lantern Road	**City**	Tucson
		State	AZ
ZIP	85735		

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Federal Communications Commission

445 12th Street SW, Washington, DC 20554

Phone: 1-888-225-5322

TTY: 1-888-835-5322