

No one is ready for the tsunami of Fifth Generation (5G) radiation that has been unleashed by the Federal Communications Commission, whose only health concern is whether or not 5G will “heat-up” human skin past a certain degree.

Only when 5G is “cooking” human beings will the FCC and the Health and Human Services consider any negative health effects of this new generation of “beyond microwave” 5G millimeter (milli-wave) radiation that will be beamed from 300,000 new cell phone towers in every US community – coming to the utility pole near you. Perhaps the FCC should put their collective heads into a microwave oven, turn it on, and then say that microwaves and milli-waves are harmless.

Who is checking the adverse health effects of the technological innovations from the first, second, third, and fourth generation wireless radiations? Let alone the fifth generation...

1G	2G	3G	4G	5G
1981	1992	2001	2010	2020(?)
2 Kbps	64 Kbps	2 Mbps	100 Mbps	10 Gbps
Basic voice service using analog protocols	Designed primarily for voice using the digital standards (GSM/CDMA)	First mobile broadband utilizing IP protocols (WCDMA / CDMA2000)	True mobile broadband on a unified standard (LTE)	'Tactile Internet' with service-aware devices and fiber-like speeds
				

The

Five Generations of Cell Phones

The U.S. Government is the gate-keeper for patents, innovations, safety standards, and most especially for the weaponization of any new device that can be used by the military. Cyberwarfare is now the number one theatre of military activity and due to the expansion of the National Defense Authorization Act, has allowed the military to work within domestic borders.

The roll out of 5G that is authorized by the FCC, in conjunction with other U.S. agencies (DoD, CIA, FBI, etc.), is another experiment in the weaponization of the internet and all digital technologies that surround it, including the use of cell phones, wireless broadcasting, wireless computers, and the 100 billion wireless devices that will be connected to the Internet of Things in the next few years.

In other words – “No one is monitoring technological innovation, except the military and the corporations who do their bidding.”

No one is testing the side-effects of weaponized military-corporate innovations like the internet (originally called DARPA NET), Facebook, Twitter, and other “experiments” of the Defense Advanced Research Projects Agency (Department of Defense) and In-Q-Tel (Central Intelligence Agency). We are simply being used as “Guinea pigs” in an ongoing experiment concerning what EMFs and full-spectrum radiation does to the human being.

Or worse, planetary rulers are deliberately enslaving the people of the world in a type of global fascism called “the internet of things”, knowing full well how harmful these innovations are to living beings and having full intent of implementing a new and better version of fascism than they did in the last century.

These are not experiments. This is all out war on humanity. Their intentions are exact: Enslave us. Control us. Subsume us.

In this *Citizens Intelligence Report* we demonstrate that 5G is dangerous to human health — mentally, psychologically, and physically. Humanity has yet to deal with the epidemic of digital illnesses that have already assaulted those immersed in frequencies ranging up to microwave that bombard and pervade daily life with digital devices that are already being used. The Anonymous Patriots have written about the illnesses created by the use of the internet, cell phones, and social media in prior articles.

We have shown you that tech-toys are tech-weapons in these citizen intelligence reports below:



BEHOLD: THE FRANKENSTEIN OF OUR DAY

Big Brother is Watching You – For Real

They Plan on Controlling Everything in Your Life

As politicians are debating who will install and pay for the new 300,000 towers and antenna that must be in place for 5G to accomplish its goals, have any of them demanded thorough research into the effects of the systems now in place?

Before amping up to 5G, we need to DEMAND that our elected officials CEASE AND DESIST the rollout of 5G until there are significant studies on the effects that 1-4G have already had on us. Then 5G needs to be tested for compatibility to life on Earth.

By the way, the goals of 5G are beyond what anyone can imagine at this point, both in technological advancement and the health threats that accompany these “advancements.” Many would contend that humanity has hardly caught-up with the technological advancement of 4G, and that research into the adverse effects of 4G demonstrates that the “technology causes serious damage to humans, animals, plants and the entire environment.”

Despite overwhelming evidence that EMFs, at all levels, cause irreparable damage to humans from DNA to brain-functioning, 5G proponents rush ahead as if higher processing speeds is worth permanent damage to humans.

It seems that 5G will only be an advantage to machines, not to humans.

Wi-Fi From Space

The saddest part of all about 5G and milli-wave radiation is that most people don't know that the military, through Eric Schmidt's Alphabet (Google), already has orbiting satellites that can beam down microwave and milli-wave broadcasting frequencies to provide a blanket of Wi-Fi for entire counties. Schmidt and Elon Musk are competing for the domination of global Wi-Fi, with the U.S. backing Musk's plan to have 4,100 satellites that will blanket the entire globe.



Schmidt's plan is to have 3,000 satellite platforms, many of which will be manned and filled with his patented “super-routers” and “super space-servers” that will provide all internet, cell phone, and full-spectrum broadcasting from his *privately owned* global “sky-net.” Schmidt has plans to monopolize the market, just as he did with Google, Gmail, YouTube, Facebook (major investor), and the Atlas Warrior Robot.

Soon, Wi-Fi will rain (reign) down on all of us and there will be nowhere to hide. Fellow patriots, we must stop this insane urge to rush off a cliff headlong. We simply don't need the newest innovation – it can wait until humans have caught up with machines. If we allow technological innovation to be controlled by military and corporate interests, we are doomed to continue down a path towards more weapons of mass destruction. These are held in the palm of our hands. Our cell phones are tools of machine-intelligences that are not human, machine-languages we cannot understand, and machine-capacities that we do not need and which are harming us.

Technological experimentation on humans is an old story, whether we reference cigarette smoking, glyphosates, denatured and GMO products, or the plethora of “Government Approved” or government allowed poisons that are making us sicker, weaker, and killing us. The proliferation of 5G is just another in a long line of pathetic ideas “allowed” and then later unconscionably “sanctioned” by regulators who are ignoring human health concerns and serving innovation for innovation’s sake.

Again, we remind readers that our planetary enslavers are fully aware of these dangers and that 5G and the Internet of Things is an integral part of their plan to take over the world – a type of hi-tech fascism with roots as deep as the Nazis, Prescott Bush, and the [Office of Strategic Services](#) (OSS).

The Universal Attack of Wi-Fi

Wireless communication has taken over in homes, offices, and public places – you simply cannot get away from it. You can lock yourself away in a shielded room or an electro-smog-proof sanctuary to hide from EMFs, microwaves and milli-waves. And for the estimated 1.5 – 3 percent of populations worldwide that are “electromagnetic hypersensitive”, that may soon be the only option left. Passive involuntary exposure to electromagnetic radiation cannot be avoided with the onslaught of 5G.



There are now more than 250,000 public hotspots for Wi-Fi in America utilizing over 150,000 cell phone towers. The increasing popularity of Wi-Fi comes on the heels of the explosive growth in wireless cell phones, and amid heightened concerns over the health hazards of saturating levels of electromagnetic radiation. Microwaves at current exposure levels are linked to brain damage, DNA damage, brain tumors, cancers, microwave sickness, impairment of cognitive functions, impairment of reproduction and fertility, affecting humans, rodents, birds, and bees.

Professor Trevor Marshall, Director Autoimmunity Research Foundation in California tells us:

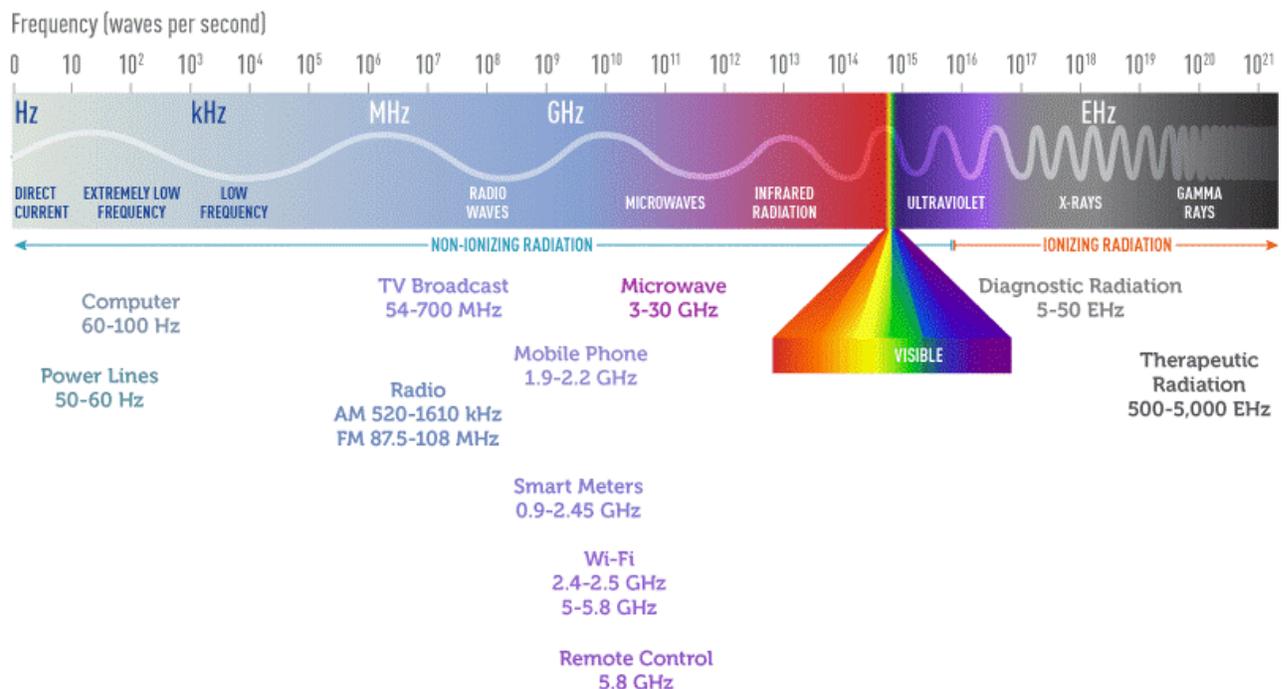
“The new 5G wireless technology involves millimeter waves (extremely high frequencies) producing photons of much greater energy than even 4G and Wi-Fi. Allowing this technology to be used without proving its safety is reckless in the extreme, as the millimeter waves are known to have a profound effect on all parts of the human body.”

What Are EMF Dangers

Electromagnetic frequencies (EMFs) are expressed in terms of units called hertz (cycles per second), abbreviated as Hz, where the higher the frequency, the smaller the wavelength. The spectrum begins with direct current and extremely low-frequency (larger wavelength) radio waves, and continues with microwave radiation, infrared and ultraviolet light, X-rays and gamma rays. Household appliances are at the extremely low-frequency end of the spectrum, generating EMFs in the range of three to three hundred Hz. Microwave radiation—emitted by all current wireless devices—ranges from three hundred megahertz (MHz) to three hundred gigahertz (GHz). (A MHz equals one million Hz and a GHz equals one billion Hz.)

Unlike prior generations of cellular service, 5G will transmit using not just low-band frequencies but also a form of extremely high frequency microwave radiation called millimeter waves (milli-waves) which range from approximately thirty to three hundred GHz). Millimeter waves offer a plethora of previously untapped spectrum that the telecom industry is eager to exploit. The “good” spectrum is just about used up, resulting in spectrum shortages and conflicts. Millimeter waves can take the pressure off the lower frequencies and provide precious coveted spectrum needed for expansion. Millimeter wave technology promises incredibly fast data capacity orders of magnitude beyond 4G.

ELECTROMAGNETIC SPECTRUM



The antennas needed to transmit and receive 5G signals can be very small but have much shorter transmission ranges. The industry plans to achieve the desired level of performance through high transmission power and high-gain antenna arrays that boost the effective radiated power to significantly increase range. The 5G antenna arrays will pepper cities with powerful small cell antennas. This will be a pervasive system of 5G small cell antennas and “distributed antenna systems” (DAS) on utility or light poles and other public infrastructure—beaming intense microwave radiation within feet of bedroom windows, schools, day care centers, nursing homes, offices, and everywhere else.



The vast majority of the legislative bills promoting 5G infrastructure (already passed or about to pass in eighteen U.S. states) will strip authority from local governments—and citizens—over public rights-of-way. In other words, municipalities and residents will be unable to say ‘no’ when utilities mount 5G antennas on lampposts and utility poles in their yards, businesses and schools.

In response, numerous communities around the U.S. are organizing to halt preemption and maintain local control.

The unfurling of 5G technology is taking place in the context of the broader wireless takeover. For example, wireless networking (Wi-Fi) went from a “niche technology” at the beginning of the new millennium to consumers’ preferred method of accessing the Internet, with Wi-Fi in seven out of ten U.S. broadband households as of early 2017.

Cancer and Other Health Dangers

The rapid proliferation of sources of electromagnetic radiation—cell towers, cell phones, cordless phones, Wi-Fi, smart meters and so on—is exacting a high price on our health. There are now thousands of scientific studies documenting myriad adverse bio-effects of microwave radiation. These biological effects include cancer, DNA damage, cardiovascular problems,

increased stress hormones, sleeping disorders, depression, headaches, irritability and impaired fertility. Studies assessing cancer and wireless radiation are particularly disturbing.

The World Health Organization's International Agency for Research on Cancer classified the microwave radiation from all wireless devices as a possible human carcinogen in 2011. In 2016, the U.S. National Toxicology Program released results of the world's largest study on wireless health risks finding cancer in 5.5 percent of the exposed group and no cancer in the control group.

Other recent studies highlight strong evidence of a relationship between brain cancers and long-term cell phone use; increased incidence of at least ten other cancers concurrent with the promulgation of wireless technologies, including invasive breast cancers in young women carrying cell phones against their breast; and tumor promotion in response to very low levels of exposure to wireless radiation.

5G technology will likely turn these serious health risks into a public health crisis. Ubiquitous deployment of small cell antennas will unleash unnatural and round-the-clock millimeter (milli-wave) and microwave radiation that is far more potent than anything previously experienced from the electromagnetic spectrum. **In fact, the U.S. military uses millimeter waves—which travel only a short distance—as a non-lethal weapon for crowd control because the waves affect the surface of the body and cause a burning sensation of the skin at higher levels of power.**

The lower-powered but chronic exposure that most of us will experience outside of our homes, schools and businesses is expected to cause serious health effects, including higher rates of skin cancer, cataracts, cardiac irregularities and fetal abnormalities.

EMFs – Silent Radiation

Electromagnetic radiation and microwave radio frequency electromagnetic radiation are not just sensitizing and irritating persons with diagnosed EMS (electromagnetic sensitive) or EHS (electromagnetic hypersensitive). The \$25 million NIH National Toxicology Program research results demonstrated that after only two years of exposure, EMF radiation is carcinogenic and mutagenic to the general public. Tens of thousands of published scientific studies, going back at least to the 1970s and beyond, have identified a wide range of human illnesses linked to ongoing exposure to low-frequency electromagnetic radiation, including infertility, immune and autoimmune disorders, cardiovascular problems, ADHD, disturbances in sleep, concentration, memory and learning problems. and more.

There have been more studies on EMFs than for any other environmental toxin. These harms were proven well before wireless technology was commercialized by the introduction of cell phones. For example, EHS (or Microwave Sickness/Radiation Sickness, as it was formerly referred to) was recognized by the courts decades ago (Mtr. Yannon vs. New York Tel. 86 A.D.2d 24, 1982).



The wide range of negative health impacts from exposure to wireless technology radiation have mostly been ignored, and the wireless industry has been using its extensive financial resources to mislead the public, our government, federal and state elected officials, and Congress about the state of the science on radiofrequency microwave radiation, and the extent and varieties of human sickness caused by it. The wireless industry's immense financial resources are gains achieved as a result of decades of fraud on the public, who have been led to believe that wireless technology is safe.

The expansion of wireless technology is based on the false premise that wireless radiation, i.e., non-ionizing radiation at non-thermal levels, is not harmful. However, many thousands of studies and reports on wireless radiation by U.S. government agencies such as NASA, the US Armed Forces, the Navy, and the Air force – including reports about sick soldiers in the Navy and among government workers – have proved decades ago, and beyond a doubt, that this premise is false.

Existing Wireless Exposure Standards do not adequately protect public health. The FCC, EPA, and WHO have failed to adequately keep up with this technology and defend the public over the interests of large telecom corporations. In 2015, 225 leading scientists and researchers of EMF and wireless radiation from 41 nations appealed to the United Nations to urge the World Health Organization to exert strong leadership in fostering the development of more protective EMF guidelines, encourage precautionary measures and educate the public about health risks, particularly risk to children and fetal development (International EMF Scientist Appeal).

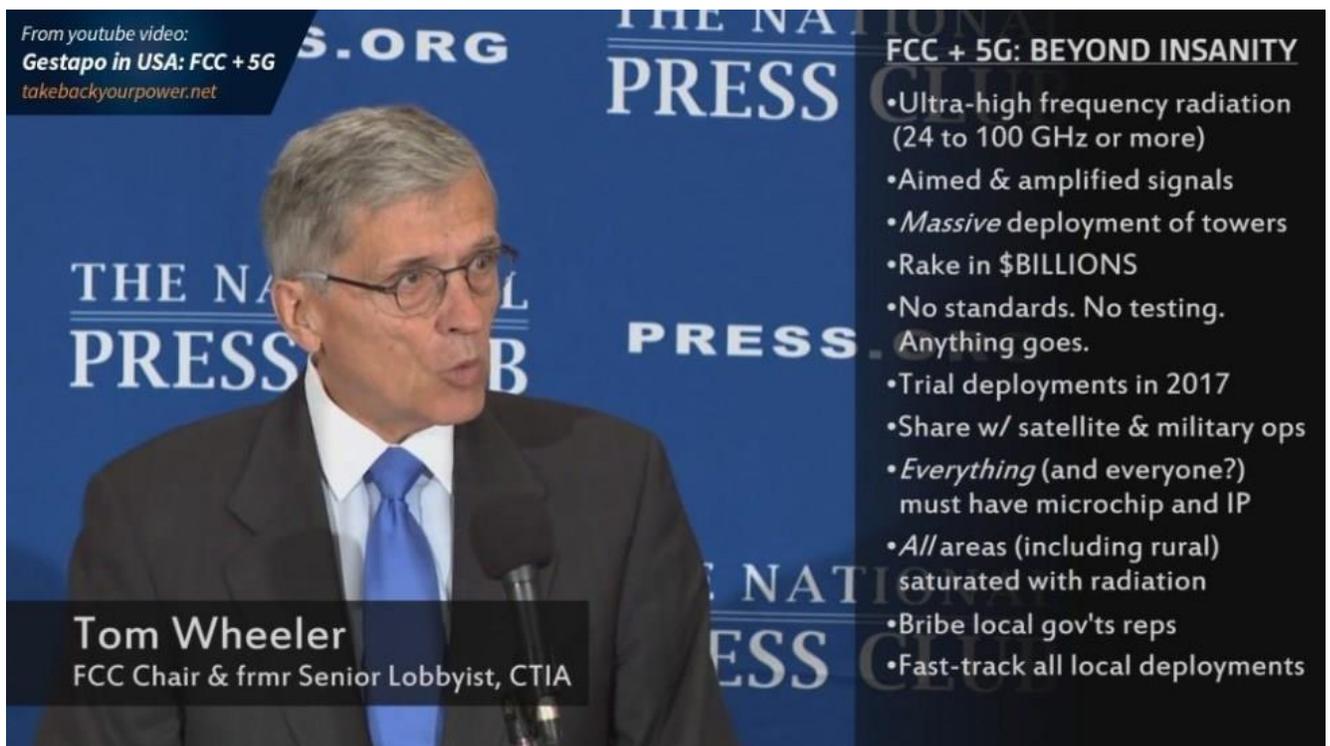
Microwave radiation from cellphones, Wi-Fi routers and similar devices concentrate twentyfold in the womb.

Nonionizing cellphone microwave radiation has also been linked to Alzheimer's and infertility, especially in men, both of which, like autism, are increasing rapidly.

5G Assault Against Humans

The 5G revolution is rushing toward us and it will bring a whole new era of [harm from ultra-high microwave frequency radiation](#). On July 14, 2016, the FCC voted to unleash 5G in the United States, approving sweeping Spectrum Frontiers rules to make spectrum bands above 24 GHz available for 5G, even though serious health risks are associated with the proliferation of cell phone technology.

The July 14 vote was preceded, a month earlier, by a June 20th announcement by FCC chairman Tom Wheeler, in which he enthusiastically heralded the coming rollout of 5G applications and networks as a “game-changer” and a “national priority” that will generate “tens of billions of dollars.” The FCC automatically approved the use of untested frequencies, an action that should have warned us all about its potential dangers. They didn’t even want to test its effects on living organisms.



Tom Wheeler former FCC Commission Chairman

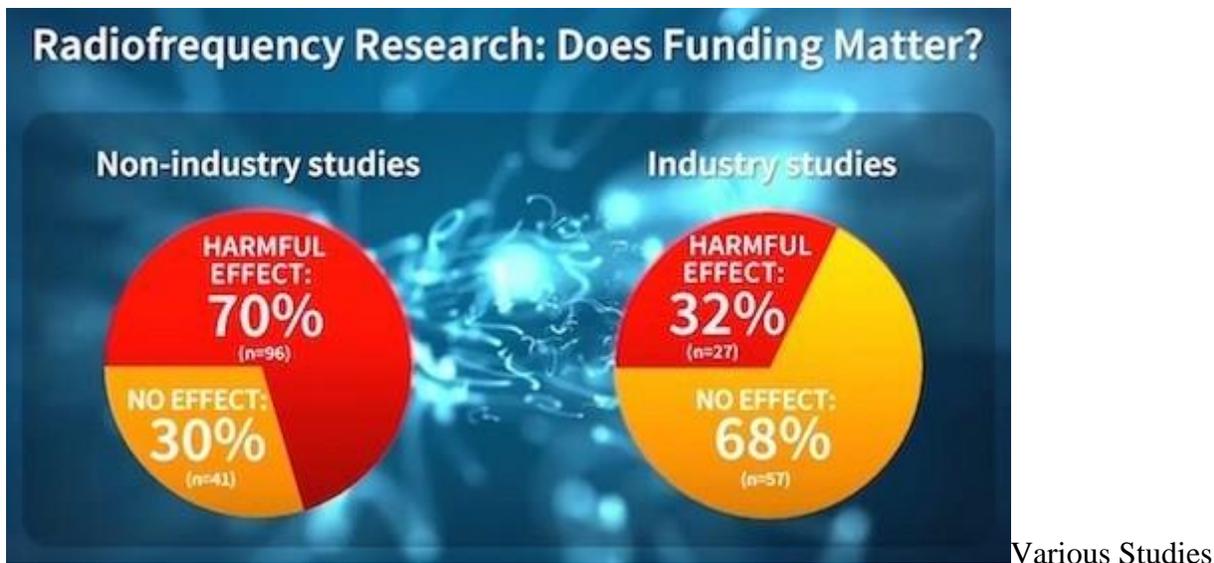
Below is [Federal Communications Commission Chair Tom Wheeler’s full speech](#) of June 20th, 2016, with all the details about the “Big Brother” take-over through 5G and the Internet of Things:



The 5G network will use higher frequency bands than previously thought possible – which are untested frequencies of 24 to 100 GHz or more. Wheeler said that implementing the new frequencies would necessitate new antennas – intended to aim and amplify the signals – new infrastructure and a massive deployment of towers throughout the United States.

Specifically rejecting the notion of 5G being only for urban use, Wheeler noted that all areas, including rural communities, will be saturated.

Health advocates say that 70% of non-industry studies assess wireless radiation as harmful. With industry studies, the effects are reversed – with only 32% showing that wireless radiation is harmful. But, either way, the dangers are clear and being ignored by the government.



Agree on Harmful Effects

Verizon and T-Mobile reveal they are subject to litigation relating to the alleged health effects of wireless phones and radio frequency transmitters. The companies warn that this could result in significant damages; they also admit that [wireless technology](#) and adverse health effects do exist – including the threat of cancer. Already, Nokia is a defendant in 19 separate lawsuits filed in Washington, D.C. alleging that radio emissions from cell phones caused the plaintiffs’ brain tumors. The lawsuits allege an industry-wide conspiracy to manipulate the science and testing around emissions guidelines.

Scientists Speak Out

Scientists for Wired Technology – a group seeking to change laws in order to protect all living creatures from radiation – points out that radio frequency microwave radiation is a man-made, toxic agent that causes biological harm. We are currently being bombarded with 700 to 2.1 billion microwaves per second – for cell phone data – and 2.4 billion to 5.8 billion MWPS for Wi-Fi data to tablets and laptops. With the implementation of 5G, the group reports that the results will create additional pulsed microwaves at 24 billion to 90 billion MWPS.

5G will add radio frequency microwaves to an already radiation-saturated network.

Pulsed microwave radiation is composed of micro-second pulses sprayed through the atmosphere, transferring data at the speed of light. As these data pulses penetrate, or reflect off, anything in their path, they cause biological harm to humans, plants, pets and wildlife – including beneficial birds and pollinators.

The “always-on” wireless infrastructure of over 300,000 new 5G antennas will have the potential to gravely damage health – especially when located near homes. In fact, Scientists for Wired Technology characterizes the installation of Distributed Antenna Systems anywhere near bedroom windows as an “assault.”

EMF Assault on Americans Humanity

In May 2016, the U.S. Federal National Toxicology Program released “partial findings” from a \$25 million study on the effects on health of cellphone radiation. The results were alarming. Researchers found that hyperplasia – or abnormal growth of tissues or organs – and tumors occur at significantly higher rates in the presence of radiofrequency microwave radiation.

On July 14, 2016, the FCC approved the move to 5G – and the installation of the Distributed Antenna Systems on utility poles commenced.

On September 13, 2017, scientists warn of potential serious health effects of 5G. You can read their collective statement about their protest of 5G at:

[Scientists warn of potential serious health effects of 5G](#)

The opening statement of the recommendation reads:

We the undersigned, more than 180 scientists and doctors from 35 countries, recommend a moratorium on the roll-out of the fifth generation, 5G, for telecommunication until potential hazards for human health and the environment have been fully investigated by scientists independent from industry. 5G will substantially increase exposure to radiofrequency electromagnetic fields (RF-EMF) on top of the 2G, 3G, 4G, Wi-Fi, etc. for telecommunications already in place. RF-EMF has been proven to be harmful for humans and the environment.

The current FCC guidelines only account for the thermal effects of these wireless exposures, they fail to take consider the adverse biological effects. What this means is that if the exposures aren't cooking you, they are safe. [Studies detail thousands of adverse biological effects](#) which occur at levels well below that required to heat tissue.

The current guidelines specify exposure limits for hand-held wireless devices in terms of the Specific Absorption Rate (SAR). The SAR is a measure of the rate that radio frequency (RF) radiation is absorbed by the body. For exposure to RF radiation from wireless devices, the allowable FCC SAR limit is 1.6 watts per kilogram (W/kg), as averaged over one gram of tissue. All wireless devices sold in the U.S. must be approved by the FCC to ensure that they do not exceed the maximum allowable SAR level when operating at the device's highest possible power level.

This guideline does very little to protect us because it fails to consider that most people today are exposed to multiple wireless radiation exposures. Accumulated radiation exposure levels may be more than 100 times higher than official exposure limits – particularly in places like schools and offices.

Clearly the FCC guidelines need updating, here are some suggestions:

1. The regulations need to consider the biological effects of these exposures not just the heating effect.
2. FCC regulations should be based on the maximum power of each transmitting wireless device based on the number of wireless devices in proximity.
3. In places such as schools and businesses, all wireless devices should have automatic maximum power reduction based capability based on the number of wireless devices in proximity.

In a letter to the FCC from Dr. Yael Stein MD of the Hadassah Medical Center, Jerusalem, Israel entitled, [*Opposition to 5G Spectrum Frontiers Millimeter Wave Technology*](#), the author writes:

Computer simulations using the Finite Differences Time Domain (FDTD) method have clearly shown that sweat gland ducts are high absorption structures of millimeter waves (5G). Exposure to high power GHz irradiation results in a sudden acute pain response even without direct heating of the stratum corneum.

Public exposure to millimeter waves, in the sub-terahertz frequency range, is currently less common. If these devices fill the public space they will affect everyone, including the more susceptible members of the public: babies, pregnant women, the elderly, the sick and electro hypersensitive individuals. Dr. Stein's research found that:

- Human sweat ducts transmit and receive electromagnetic waves that reflect the person's emotional state, as an extension of the sympathetic nervous system that innervates sweat ducts.
- These newly suggested physiologic and psychological functions of human sweat ducts have not yet been researched enough.
- Computer simulations have demonstrated that sweat glands concentrate sub-terahertz waves in human skin. Humans could sense these waves as heat. The use of sub-terahertz (millimeter wave) communications technology (cell phones, Wi-Fi, antennas) could cause humans to percept physical pain via nociceptors.
- Potentially, if 5G Wi-Fi is spread in the public domain we may expect more of the health effects currently seen with RF/microwave frequencies including many more cases of electro hypersensitivity (EHS), as well as many new complaints of physical pain and a yet unknown variety of neurologic disturbances.
- It will be possible to show a causal relationship between 5G technology and these specific health effects. The affected individuals may be eligible for compensation.

The study also found there were health risks associated with EMF radiation. Besides higher risk of cancer, exposure to electromagnetic radiation in the radio/microwave frequencies has been reported to affect: fertility in males and females, neurological effects on sleep quality, learning abilities and memory due to increased oxidative stress, to cause skin and gastrointestinal reactions, hypersensitivity phenomena (Electro hypersensitivity/EHS), and more.

Electro hypersensitivity/EHS is characterized by a variety of non-specific symptoms, which afflicted individuals attributed to exposure to electromagnetic fields. The symptoms most commonly experienced include dermatological symptoms (redness, tingling, and burning

sensations) as well as neurasthenic and vegetative symptoms (fatigue, tiredness, sleep disturbance, concentration difficulties, dizziness, nausea, heart palpitation, and digestive disturbances). While the condition is still not formally recognized as a disease, in some countries (e.g. Sweden) it is formally acknowledged as a functional impairment, and people are eligible for compensation due to this condition.

Interactions of millimeter waves with living systems are believed to occur primarily on a subcellular or cellular level. Sub-THz and THz radiation may interact with cellular components at multiple levels, including chromosomes, DNA, genes, and proteins. Older studies from Eastern Europe as well as new studies have indicated that above 30 GHz there are frequency dependent biological effects. [end]

Selection from: [Letter to the FCC from Dr. Yael Stein MD in Opposition to 5G Spectrum Frontiers](#)

Can EMFs & Microwaves Harm You?

The answer to the question of whether EMFs and microwaves can harm you is simply: yes, in many ways. Hundreds of studies have confirmed the adverse and harmful effects of EMFs from antennas, cell phones, and wireless devices. Technology that was created to help our lives has now been proven to make us sick. Adding milli-waves (5G) to the effects of EMFs and microwave radiation makes an even more poisonous environment.

Below are listed some of the negative effects that electromagnetic radiation has been found to have on humans.

Cellular Damage: A multitude of studies have found cellular damage from high frequency electromagnetic fields which is critical for cancer initiation and cancer promotion.

Significantly Increased Risk of Glioma: The \$25 million [Interphone Study](#) found that: “regular use of a cell phone by adults can significantly increase the risk of gliomas by 40% with 1640 hours or more of use (this is about one half hour per day over ten years).”

Tumor Risk on Cell Phone Side of Head: Again from the [Interphone Study](#) – “tumors were more likely to occur on the side of the head most used for calling.”

Harmful Association Between Cell Phone Radiation and Tumors: A [review](#) of 23 epidemiological studies by 7 scientists on the link between cell phones and cancer concluded, “harmful association.”

Increased Risk for Glioma and Acoustic Neuroma: From the Hardell Research Group: “A consistent pattern of increased risk for glioma and acoustic neuroma associated with use of wireless phones.”

Temporal Lobe & Glioma Risk: A recent [French study](#) found evidence of an increased risk of glioma and temporal lobe tumors. The study found that, “risks were higher for gliomas, temporal tumors for occupational and urban mobile phone use.”

Increased Risk of Acoustic Neuroma in Long-Term Users of Cell Phones: A [recent study](#) on 790,000 middle aged women in the UK found that, “women who used cell phones for ten or more years were two-and-a-half times more likely to develop an acoustic neuroma. Their risk of acoustic neuroma increased with the number of years they used cell phones.”

Increased Risk of Acoustic Neuroma: Research conducted by [Lonn](#) suggests, “an increased risk of acoustic neuroma associated with mobile phone use of at least 10 years’ duration.”

Brain Tumor Risk is Higher on ‘Cell Phone’ Side of Head: A [research paper](#) that reviewed 11 studies found, “a link between prolonged cell phone usage and the development of an ipsilateral [same side of head as cell phone] brain tumor.”

Malignant Brain Tumors: Recent work by [Hardell](#) looked at long-term use of mobile and cordless phones. In conclusion it was found that, “this study confirmed previous results of an association between mobile and cordless phone use and malignant brain tumors. These findings provide support for the hypothesis that RF-EMFs play a role both in the initiation and promotion stages of carcinogenesis.”

Cancer of the Pituitary Gland: The [study](#) referenced above also found that, “the risk of cancer of the pituitary gland was more than twice as high among women who used a cell phone for less than five years as compared to never users.”

Thyroid Cancer: A recent [Israeli study](#) found, “evidence of changes in thyroid cells in response to electromagnetic radiation.”

Melanoma Risk: A [Swedish study](#) found “a very clear association between increasing use of mobile phones and increasing rates of head melanoma in Nordic countries.”

Stem Cell Cancer: In a [controversial US study](#) on 29 cases of neuroepithelial tumors, cell phone users accounted for 11 of them. These initial results indicated a near tripling in the risk of neuroepithelial tumors through cell phone use.

Oral Cancer: An [Israeli study](#) on 460 cases of parotid gland tumors (PGT) found, “based on the largest number of benign PGT patients reported to date, our results suggest an association between cellular phone use and PGTs.”

Parotid Malignant Tumors: Another [Israeli study](#) analyzed deaths as recorded on the National Cancer Registry over a 36 year period found, “the total number of parotid gland cancers in Israel increased 4-fold from 1970 to 2006 as cell phone use increased, whereas other major salivary gland cancers remained stable.”

Leukemia: A comprehensive [review](#) of over a dozen studies including studies on exposures from cell tower radiation and TV and Radio broadcast towers found, “cancer, especially brain tumor and leukemia, but all other cancers also.”

Multifocal Breast Cancer: [American researchers](#) studied young women with breast cancer. They found that, “all patients regularly carried their smartphones directly against their breasts in their brassieres for up to 10 hours a day, for several years, and developed tumors in areas of their breasts immediately underlying the phones.”

Eye Cancer: A [German Study](#) has established a link between uveal melanoma and cell phone radiation and similar exposures.

Diverse Cancerous Tumors: A [Brazilian Study](#) established a direct link between various cancer deaths such as tumors of the prostate, breast, lung, kidneys and liver in Brazil’s third largest city, and cell phone tower radiation exposures.

Cell Phone Subscription Link to Brain Tumors: A [U.S. study](#) analyzed the number of cell phone subscriptions and brain tumors in nineteen U.S. states, they concluded, “the very linear relationship between cell phone usage and brain tumor incidence is disturbing and certainly needs further epidemiological evaluation.”

Blood-Brain Barrier (BBB) Permeability: It was first discovered in 1975 that EMF radiation causes the [BBB to leak](#), since then at least a dozen laboratories around the world have corroborated this [effect](#).

Brain Blood Flow Affected: A [Finnish brain imaging study](#) found “that the EMF emitted by a commercial mobile phone affects rCBF [regional cerebral blood flow] in humans.” This also suggests that cell phone radiation affects neuronal activity.

Single and Double-Strand DNA Breaks: In pioneering work at the University of Washington a team found [DNA single strand breaks](#) from EMF radiation exposures on rats in an initial study. A subsequent study found [single and double-strand DNA breaks](#).

Various Genetic Effects: An [Austrian study](#) analyzed the results of 101 different published articles on the effects of EMFs on DNA. The study concluded that, “there is ample evidence that EMF & microwave can alter the genetic material of exposed cells.”

Increased Rates of Micronuclei: Micronuclei proliferation indicates a type of DNA damage strongly associated with cancer. A [Brazilian study](#) found that, “electromagnetic field irradiation [low level cell phone type exposures] during pregnancy leads to an increase in erythrocytes micronuclei incidence in rat offspring.”

Heat Shock Proteins (HSPs) Production Decreased: A [US study](#) exposed chick embryos to EMF radiation. They concluded that, “this EMF-induced decrease in HSP70 levels and resulting decline in cytoprotection suggests a mechanism by which daily exposure could enhance the probability of cancer and other diseases.”

Oxidative DNA Damage: The [Guler](#) study in Turkey exposed female and male infant rabbits to 1800 MHz EMF radiation and found, “EMF radiation may induce biochemical changes by increasing free radical attacks to structural biomolecules.” [Free radical damage](#) is associated with the development of cancer.

DNA Strand Breaks: [An Austrian study](#) exposed human and rat cells to mobile phone radiation and found, “DNA single-strand and double-strand breaks.”

Changes in Gene Expression: The [Belyaev](#) study found that, exposing a “rat brain to 915 MHz microwaves induces changes in gene expression.”

Chromosome Damage: A [Belgian study](#) reviewed 16 expert gene monitoring studies from around the world. In 13 of the 16 independent studies it was found that, “EMF-exposed individuals have increased frequencies of genetic damage (e.g., chromosomal aberrations).”

Central Nervous System: US based researcher Dr. Henry Lai comments that there are [several studies](#) which show that repeated EMF exposure at relatively low power caused morphological changes in the central nervous system, “changes in morphology, especially cell death, could have an important implication on health. Injury-induced cell proliferation has been hypothesized as a cause of cancer.”

Health Hazards of Microwave Radiation

Microwave radio-frequency radiation exposures of the type emitted by cell phones are also linked to many other diseases and potentially life-threatening illnesses, including; sperm damage and male infertility, miscarriages, vascular system disease, tinnitus, childhood cancer, sleep problems, depression, irritability, memory loss, concentration difficulties, headaches, dizziness and fatigue, suicidal tendencies, arrhythmia, heart attacks, bone marrow interference, altered calcium level in cells, ADHD, reduction in night-time melatonin, suppression of the immune system, arthritis, rheumatism, skin symptoms, lymphatic diseases, autism, and hearing problems.

Research on Microwave Dangers

- Rats exposed to microwave radiation from mobile phones for two hours showed signs of brain damage due to leakage of the blood brain barrier that persisted 50 days later ([Mobile Phones and Brain Damage](#), SiS 24).
- DNA breaks and chromosomal abnormalities were found in animal and human cells exposed to low levels of microwaves ([Mobile Phones Break DNA & Scramble Genomes](#), SiS 25)
- Risk of cancers (breast, prostate, bowel, skin, lung and blood) tripled with microwave exposure in the Southern German town of Naila five to ten years after the mobile phone transmitter was installed.
- Risk of cancers quadrupled in areas exposed to microwave radiation in Netanya, Israel, with female cancers increasing 10-fold compared with the general population.

- Risk of acoustic neuroma and glioma increased 2 to 3-fold with ten years or more of mobile phone use.
- Mobile phone use correlates strongly with chronic illnesses; Sweden has had a 7-fold increase in long-term illness since 1981.
- Men who used mobile phones more than four hours a day had lower sperm count and poorer quality sperm compared to those who did not use mobile phones.
- A study in Greece showed that mice exposed to mobile phone microwaves at 1.68 mW/m² became completely sterile after five generations, while those exposed to 10.53 mW/m² became completely sterile after three generations.
- Reproduction and breeding success of sparrows and white storks are reduced near mobile phone transmitters, and exposure to microwaves in the laboratory caused high mortality rates in chick embryos. (*Mobile Phones and Vanishing Birds*, SiS 34)
- Bees fail to return to their hives when cordless phone base-stations were installed, raising strong suspicion that microwave radiation may be responsible for the colony collapse disorder now devastating beekeepers and farmers in the United States and Europe . (*Mobile Phones and Vanishing Bees* , SiS 34)
- Up to 3.5 percent of people suffer a range of symptoms including headache, nausea, lack of concentration, depression and allergy, known collectively as “microwave sickness syndrome” when in proximity of mobile phone transmitters.

Precautions You Can Take

Wireless has become a utility connected to the Internet of Things: phones, watches, TVs, iPads, DVD players, coffee machines, refrigerators, or any wireless device. Every school, hospital, business and coffee shop has Wi-Fi and we can't live without it, but there are precautions we can take. For example:

- Replace your wireless devices with wired versions – replace wireless phones and wireless modems with wired versions.
- Practice safe cell phone use– distance is your friend, avoid using your cell phone next to your ear.
- Create a low EMF sleep sanctuary where you sleep – rid your bedroom of all electrical devices.
- Measure the EMF readings in your home with a simple to use EMF meter to find low energy places of sanctuary.

Take Action – *STOP 5G!*

The following suggestions offer practical ways citizens can stop the spread of 5G technology.

- Go to parentsforsafetechnology.org and learn how to write, call and email the relevant agencies to inform them that this wireless deployment must be stopped immediately. The site provides addresses for the FDA's Center for Devices and Radiological Health, as

well as the CDC, the National Institutes of Health, the National Institutes of Environmental Health Sciences, and the National Toxicology Program.

After emailing and of these groups, make sure to send a copy to your elected officials; also email a copy to the FCC.

- **We must demand more thorough testing and higher safety standards.** Research and pre-testing is rampant by companies who are interested in tapping into the lucrative waters of 5G. But few are willing to research its effects on health. The International Commission on Non-Ionizing Radiation Protection (ICNIRP) guidelines remain essentially unchanged since 1998, not allowing for the recognition of radio frequency microwave radiation and milli-waves as harmful unless there is a heating effect.
- **We must stop improper classification of skin as limbs so that true levels of radiation can be determined for proper research.** The International Commission on Non-Ionizing Radiation Protection (ICNIRP) intends to classify skin as limbs. Limbs are paid less attention to when classifying exposure levels. Research indicates that milli-waves affect the skin and the eyes the most. If skin is classified as a limb, this will pave the way for industry giants to introduce even higher exposures and put more people at risk.
- **Study the Global Union Against Radiation Deployment from Space (GUARD)** addressed in a [letter](#) to the FCC in September of 2016, bringing to their attention the harm 5G will inflict upon humans. GUARD warned the FCC that 5G violates Article 3 of The UN Declaration of Human Rights which states that “everyone has the right to life, liberty and security of person.” The document is laden with research, information and global support to help in the efforts to “resist 5G.”
- **Take the time to review this important report and push it out through your social media network:** [Preparing for a 5G World. Communications and Society Program, The Aspen Institute.](#)
- Subscribe for more solutions at [TakeBackYourPower.net](#) to receive updates on liability actions and the efforts being made to “Resist 5G.”

Join the Resistance and Stop 5G

The shocking and scary reality is that wireless EMF radiation is harming people at an alarming rate. No matter how many hundreds of studies show the adverse health effects of EMFs, microwaves, and milli-waves, the steady march of industry to install 5G everywhere goes forward without any reflection upon if this new technology is safe for humans, animals, plants, and the environment.



The evidence seems clear that an end to 5G promulgation is the only sane choice to make. We all must help educate and enlighten uninformed citizens who might demand, higher speeds on the internet, that there are real dangers to 5G and the Internet of Things.

To try to stop the mindless spread of 5G, please advocate the following changes in your social media networks and to your elected representatives:

- Create a moratorium on the further development and implementation of 5G.
- Demand a systematic review of 5G by the EPA, especially concerning proper safety standards.
- Demand that long-term studies be conducted to determine the extent of the damage 4G has already done.
- Fight at the local level to refuse the new 5G antennas.
- Demand that the U. S. Department of Health and Human Services examine existing research to make a determination about the level of danger created by EMFs, microwaves, and milli-waves.
- Demand a presidential commission be created to establish “sane” policies concerning wireless radiation that remove the power of corporations to drive high-tech innovation.
- Remove the military from the U.S. Patent Office and dismantle the weaponized aspects of the internet, cell phones, and wireless devices.
- **End the promotion of the Internet of Things that is creating wireless “bots” from every device on the Internet of Things.**
- Untangle the weaponization of innovation from DARPA, In-Q-Tel and the military driven corporations who are working against US citizens.

- End all surveillance that is associated with the Internet, social media, cell phone communications, and digital devices. Bring freedom into the virtual realm instead of the police-state.
- More than 200 cities are now officially opposed to 5G. Get your city involved.

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