# **5G Realities**

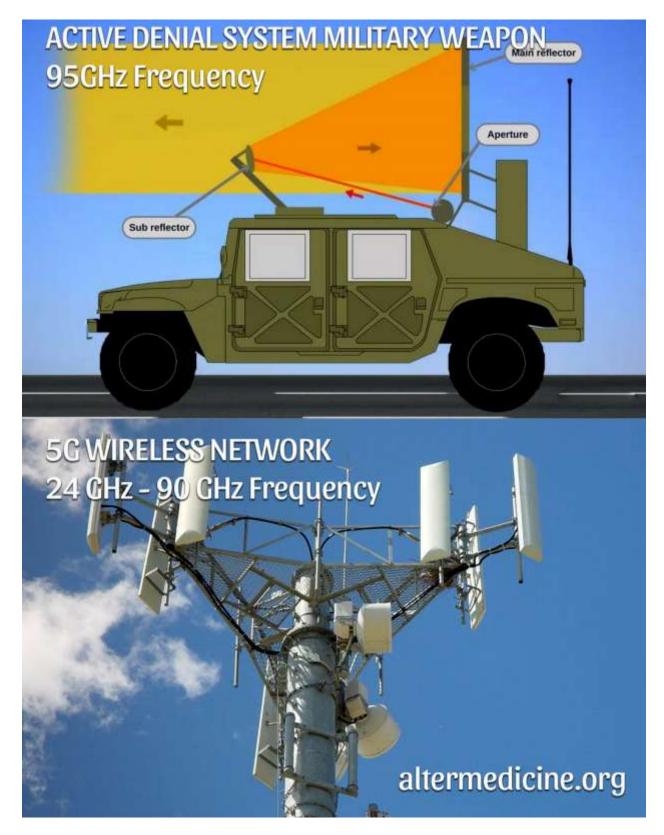
First – Truth is Ridiculed Second – It is Violently Opposed Third – It is Accepted as Self-Evident

Throughout my life, the words of Arthur Schopenhauer (sub-head above) have played out in daily life. In the 1970's I was forced to build my house because my prime contractor went bankrupt building government '238 plan homes'. He went bust when President Nixon took the country off the gold standard, which resulted in an immediate 10% increase (inflation) in all prices. My contractor was to build my custom-designed ten-room 2,550-sq.ft. tri-level home. I had a VA-mortgage, and when the contractor said he could not build it to spec. without a reappraisal, I consented to it and more time was lost; in those days, a VA application could take up to 8 weeks for approval. I had given the contractor \$5,000 earnest money down. By the time the VA approved a new mortgate price, the contractor wanted to re-negotiate a second time due to inflation. At that point I bawked and refused.

My contractor then sued me, I counter sued. I paid an attorney \$750 to defend me and counter sue, only to win but unable to collect a dime. The contractor only owned a wheel-barrow and a beat up pickup truck, and had all his assets in his wife's name. To make a long story short, I ended up building the house by myself (95%). I bought myself the 'Time-Life' set of do-it-yourself books on every aspect of home construction/remodeling. The only skill I had going into the project was that I was skilled with a hammer and saw. I had to teach myself everything else I needed to know during the winter off-season in building construction. This included all electrical wiring from the power-service box inside, and it included several 3-way and 4-way on/off switches. It was an all-electric home with complete 360-degree movement sensor-active external night spot lights.

My interest in 5G technology began with the roll out of U.S. Army Humvee-equipped with the Active Denial Radar used on protestors at the G20 meetings held in Pittsburgh, PA back in 2009. The illustration on page 2 shows the comparison between military Active Denial Radar and the 5G EMF. At 95-gigahertz, those in the path of the Active Denial Radar experience a burning sensation on their surface body skin tissue. The bottom illustration is that of a cell tower that operates between 24 and 90-gigahertz frequency. The FCC designated a specific band width for the 60-gigahertz frequency, and additional band width free that includes a section either side of 60-gigahertz band width. The FCC held auctions for the telecoms to bid on for their use. In other words, the telecommunications companies had to bid for the rights to use of a specific band width. The FCC licenses specific frequencies to other businesses, commercial, transporation, as required and for which the user is required to pay a fee. I know that oil and gas pipe transmission use microwave transmission. The major Class-1 railroads use designated

microwave communication. FedEx, UPS, government, military, and public utilties, all use dedicated frequencies as well.



Microwave radio relay is a technology widely used since the 1950s and 1960s for transmitting signals, such as long-distance telephone calls and television programs between two terrestrial points on a narrow beam of microwaves. In microwave radio relay, microwaves are transmitted on a line of sight path between relay stations using directional antennas, permitting a fixed radio connection between the two points. The requirement of a line of sight limits the separation between stations to the visual horizon, and so hills are a benefit. When I used the PA Turnpike, U.S. 30 or U.S. 22 between Pittsburgh, PA and east to Philadelphia, and New York City microwave towers were visible on the peaks of the Allegheny Mountain range.

The FCC authorized 5G 60-gigahertz in June of 2018, on what was called a fast track plan. It limited cities to 60/90 days to reject or approve deployment of 5G base stations to cities across the country. At this point in time, Palm Springs, FL was the only city to reject 5G. In Europe, Brussels, London, and Rome will not have 5G 60-gigahertz. That fact is interesting since Brussels is the headquarters for the European Union and NATO; and London and Rome are two legs of the Illuminati pyramid. Israel where 5G was first developed will not be using 5G any time soon. Russia does not use 5G for commercial or public use, only for military applications.

There are many sites on the Internet tody which did not exist a year ago apparently in an effort to discredit the anti-5G community lobbying against its installation. Two years ago many of the sites exposing the health and safety issue were unimpeded and you could save articles without being blocked or not permitted to download. One such site that comes to mind is the web page Truth11.com. Mike Adams, the Health Ranger's site Natural News is blocked from downloading. Over the years I have been following Mike Adams, I have had to re-subscribe more than a dozen times because censors have unsubscribed me remotely. Virtually anything exposing 5G and the so-called Corona virus is being blocked in my research. It validates the old expression by WWII bomber pilots, *"when you feel the flak, you know you are over the target."* 

When the President signed his Act to "Secure the Internet" recently, he made a statement that the U.S. would have a safe 5G for the American public. I have searched high and low, communicated with experts in the field of radar and EMF, and <u>there is no such thing as a safe 5G</u>. President Trump has his hands full but his statement is a flat out lie or deception intended to placate the public. Donald J. Trump is either a Judas "goat" or a "puppet" controlled by Rothschild handlers. The major telecoms have a \$59-billion dollar investment that is being hyped as having a potential return of \$12-Trillion dollars. With stakes that high there will be no escaping the 5G 60-gigahertz technology.

In an impromptu question-and-answer session late June of 2019 at the White House, President Trump was asked about the nation's efforts to block Huawei, the Chinese telecommunications company, from doing business in the United States and with our allies around the globe.

"Huawei is something that is very dangerous," Mr. Trump said. Then, almost in the same breath, he added: "It's possible that Huawei would be included in a trade deal. If we made a deal, I can imagine Huawei being included in some form or some part of a trade deal." Over the weekend in Japan, Mr. Trump appeared to choose trade over national security, suspending the ban on United States companies' supplying equipment to Huawei as he hopes to reach a trade deal with President Xi Jinping of China. Without providing any details, he declared that American companies could sell to Huawei without creating a "great, national emergency problem."

He said this even as own Secretary of State, Mike Pompeo, spent the past several months traveling the world warning our allies that Huawei is a profoundly dangerous security threat and instructing them to freeze out the company.

Senator Marco Rubio, Republican of Florida, used Twitter to call Mr. Trump's reversal "a catastrophic mistake" that "will destroy the credibility of his administration's warnings about the threat posed by the company, no one will ever again take them seriously." (Mr. Trump followed the same playbook with ZTE earlier last year, banning it and then reversing the ban to placate the Chinese.)

While Mr. Trump may view Huawei as both "dangerous" and a pawn in the trade war, the truth is it may be something else entirely. Huawei is the most significant long-term competitive threat to the United States' dominance of the future of wireless technology. He said the United States is woefully — even disgracefully — behind.

No matter what the United States does to hobble Huawei — and Mr. Trump's latest stance will only hasten its rise — it will not alter a fundamental problem that clouds the conversation: The United States needs a meaningful strategy to lead the world in next-generation wireless technology — a kind of Manhattan Project for the future of connectivity.

In April, 2018, amid the frenzy over the report from Robert S. Mueller III, the special counsel investigating Russian election interference, another alarming government report was issued — and largely overlooked. It was written by the Defense Innovation Board, a group of business leaders and academics that advises the Defense Department. And it was a scathing indictment of the country's 5G efforts.

"The leader of 5G stands to gain hundreds of billions of dollars in revenue over the next decade, with widespread job creation across the wireless technology sector," wrote the board, a who'swho of the tech world that includes the former Alphabet [Google] chairman Eric Schmidt, the LinkedIn founder Reid Hoffman and Walter Isaacson, the author and a former chief executive of the Aspen Institute.

"The country that owns 5G will own many of these innovations and set the standards for the rest of the world," the board wrote. It added in no uncertain terms: "That country is currently not likely to be the United States."

It is no wonder, that no American company makes the devices that transmit high-speed wireless signals. Huawei is the clear leader in the field; the Swedish company Ericsson is a distant second; and the Finnish company Nokia is third.

It is almost surprising that the Defense Department allowed the report to be published at all, given the board's remarkably blunt assessment of the nation's lack of innovation and what it said was one of the biggest impediments to rolling out 5G in the United States: the Pentagon itself. The Defense Department knows the harm to life that 5G will bring!

The board said the broadband spectrum needed to create a successful network was reserved not for commercial purposes but for the military. <u>To work best, 5G needs what's called low-band spectrum</u>, because it allows signals to travel farther than high-band spectrum. The farther the signal can travel, the less infrastructure has to be deployed.

In China and even in Europe, governments have reserved low-band spectrum for 5G, making it efficient and less costly to blanket their countries with high-speed wireless connectivity. In the United States, the low-band spectrum is reserved for the military.

The difference this makes is stark. Google conducted an experiment for the board, placing 5G transmitters on 72,735 towers and rooftops. Using high-band spectrum, the transmitters covered only 11.6 percent of the United States population at a speed of 100 megabits per second and only 3.9 percent at 1 gigabit per second. If the same transmitters could use low-band spectrum, 57.4 percent of the population would be covered at 100 megabits per second and 21.2 percent at 1 gigabit per second.

In laymen words, the spectrum that has been allotted in the United States for commercial 5G communications makes 5G significantly slower and more expensive to roll out than just about anywhere else. That is a commercial disincentive and puts the United States at a distinct disadvantage.

The spectrum challenge creates a negative feedback loop for manufacturers, which may help explain why no major American technology company has jumped into the fray. But since President Trump issued an executive order that banned the purchase of equipment from companies posing a national security threat — which include Huawei — it threatens the ability of American companies to expand their 5G networks, particularly in rural areas.

United States phone companies like AT&T and Verizon may end up seeking to manufacture their own transmitters given the options. Not winning the 5G contest comes with consequences. "If China leads the field in 5G infrastructure and systems, then the future 5G ecosystem will likely have Chinese components embedded throughout," the Defense Innovation Board wrote. "This would pose a serious threat to the security of DoD. operations and networks going forward." One of the board's recommendations is that the Defense Department share its low-band spectrum to accelerate the commercial development of the technology in the United States.

While sharing spectrum comes with its own security challenges, the board raised the prospect of some unique, surprising benefits: *"Integration of government and civil use may provide a layer of security by allowing military traffic to 'hide in plain sight' as traffic becomes more difficult to see and isolate. Similarly, adversaries might be deterred from jamming this spectrum because they might be operating on the same bands."* 

None of this is meant to suggest that Huawei does not represent a national security threat if the Chinese government were to use it to spy on foreign adversaries in the future. (Though, it is worth saying, there is no evidence presented publicly by any American agency that the company's hardware has been used that way — yet.)

Nor should it be read as an apology for Huawei's record of stealing intellectual property, which has been well chronicled.

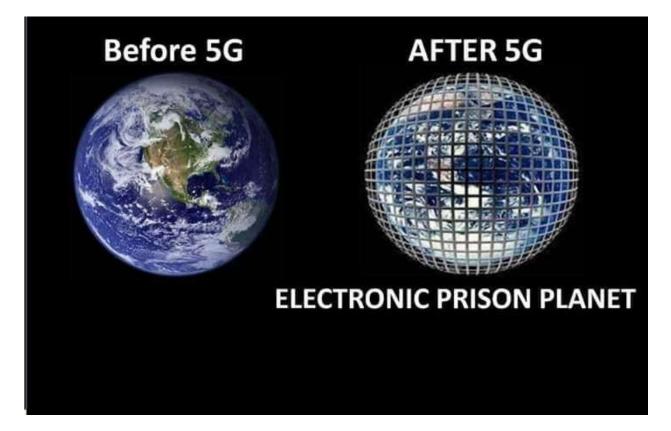
Sharing spectrum should be only the start, however. Policymakers must grasp that the "market" in the United States isn't working the way it should, especially when state actors like China are supporting companies like Huawei.

If the United States is going to lead the world, Washington needs to think hard about the incentives it provides companies — not only for research and development, where we are still leading, but also for manufacturing the technology that is in our national interest to control as well as what mergers it allows.

The four members of the FCC in recent years during the Obama administration have not taken serious the health and safety issues that are related to adopting 5G technology. Most certainly, and despite what President Trump has to say, <u>there is no safe 5G system</u>. It is virtually impossible unless one hardwires their homes and removes Wi-Fi.

I have researched in the middle of the night, for days on end, to avoid the censor's "you cannot download" or "you cannot save this site". Even Norton Securiity is in on the act to block and discourage its customers from accessing specific sites . I can say that there will be NO where to hide as some 20,000+ 5G satellites being launched sending dangerous beams of intense microwave radiation across the world!

I have been exposing the latest and greatest 5G cellular phone technology for over two years now, ever since I did my own research and found this new Terahertz wavelength network is absolutely a danger to human health and should be BANNED from development and deployment at all cost.... People everywhere are NOT being told the truth about the extreme dangers of 5G technology and the EMF electromagnetic fields produced by this "latest and greatest" technology that will pollute our environment and very likely cause physical damage to not only human beings, but most wildlife around us as well, including trees, insects, birds and bees. I refer to experts such as Dr. Barrie Trower and Dr. Katherine Horton who are themselves, scientists and experts in the dangers of Radar and the EMF spectrum.



You may not grasp the seriousness of 5G but humanity will be imprisoned through an invisible "Space Fence", some call it a "Space Net". Controllers that sit at the control rheostat will be able to control humanity through artificial intelligence and the EMF that beams down 5G 60-gigahertz 24/7/365 days a year.

In local urban communities there would be a 5G cell tower approximately every 500 feet along every street. As bad as these small cell towers might seem from the standpoint of constant exposure to radio frequency (RF) radiation in close proximity to the source, perhaps an even more alarming prospect will be the beaming of millimeter length microwaves at the earth from thousands of new communication satellites.

Public attention about 5G has been focused on the plans of telecom companies to install millions of small cell towers on electric utility poles, on public buildings and schools, on bus stop shelters, in public parks, and anywhere they want in national parks and on federally owned land.

In local urban communities there would be a 5G cell tower approximately every 500 feet along every street. That is a 5G tower between every other house in a residential suburb.

But perhaps an even more alarming prospect will be the beaming of millimeter length microwaves at the earth from thousands of new communication satellites.



The FCC gave approval to SpaceX on March 29, 2018, to launch 4,425 satellites into low orbit around the Earth.

The total number of satellites that is expected to be put into low and high orbit by several companies will be 20,000+ satellites. 5G will use Phased Array Antennas to shoot beams of radiation at cell phones. These satellites will use the same type of phased array antennas as will be used by the ground-based 5G systems. These satellites will require replacement every five years, something not being told to the public.

This means that they will send tightly focused beams of intense microwave radiation at each specific 5G device that is on the Earth and each device will send a beam of radiation back to the satellite.

Previous generations of RF cellular communication used large antennas to send a blanket of radiation in all directions. The lower frequencies they used and the broad distribution of microwaves limited the numbers of cellular devices that could connect through an individual tall tower.

The much shorter length microwaves used for 5G will make it possible to use small phased array antennas to send and receive signals. Phased array antennas consist of clusters of

hundreds of tiny antennas that work together to shoot a ray of energy at a target just like a bullet. A cluster of these tiny antennas can be arranged in a 4''x 4'' matrix.

The rays of microwaves they produce will be strong enough to pass through walls and human bodies. If they were not strong enough to do this, then everyone with a 5G smartphone would have to stand outside when using the devices. If you use an in-home router you might require more than one if you have Internet TV, Wi-Fi, copiers, PC and lap-top computers.

Each 5G product will also have multiple phased array antennas which will be used to create a powerful beam of radiation back to the 5G devices mounted on electrical utility poles or toward a specific satellite in space. They are capable of hitting a target as small as 4"x4".

These beams of radiation will also need to be strong enough to pass through walls and human flesh such as a hand or head to reach the intended destination. <u>This means that if you are in a crowded location, such as an airport or on a train, there will be hundreds if not thousands of invisible beams of radiation flying through the environment at the speed of light.</u>

As people move in that environment, their bodies will be penetrated by numerous beams of radiation as they walk or as other people walk around them with their 5G smartphones. 5G phones obviously will be much more powerful than previous phones. The effective radiated power of the 5G phased array antennas in phones will be **10X** times more powerful than 4G phones.

In addition, 5G beams of microwave radiation will be received and transmitted from new computer equipment, household appliances, and automobiles. When I first read the plan that each house or apartment would be accessible to restock your refrigerator or freezer, I was unfamiliar with how that would work. My investigation went into high gear!

Stationary equipment such as Wi-Fi hubs in homes and offices will be permitted to use microwave beams that are **15X** times stronger (300 watts) than the signals from 5G phones or **150X** times stronger than 4G phones. This brings us to perhaps the biggest issue. Why is 5G so much more dangerous than previous microwave communication systems?

Arthur Firstenberg, author, researcher, and advocate for limiting RF exposure from the environment, explains the analysis of 5G radiation that was published in *'Microwave News'* in 2002. He stated:

"WHEN AN ORDINARY ELECTROMAGNETIC FIELD ENTERS THE BODY, IT CAUSES CHARGES TO MOVE AND CURRENTS TO FLOW. BUT WHEN EXTREMELY SHORT ELECTROMAGNETIC PULSES ENTER THE BODY [5G], SOMETHING ELSE HAPPENS: **THE MOVING CHARGES THEMSELVES BECOME LITTLE ANTENNAS THAT RE-RADIATE THE ELECTROMAGNETIC FIELD AND SEND IT DEEPER INTO THE BODY.** THESE RE-RADIATED WAVES ARE CALLED BRILLOUIN PRECURSORS. THEY BECOME SIGNIFICANT WHEN EITHER THE POWER OR THE PHASE OF THE WAVES CHANGES RAPIDLY ENOUGH. 5G WILL PROBABLY SATISFY BOTH REQUIREMENTS. **THIS MEANS** 

## THAT THE REASSURANCE WE ARE BEING GIVEN—THAT THESE MILLIMETER WAVES ARE TOO SHORT TO PENETRATE FAR INTO THE BODY—IS NOT TRUE.

Arthur Firstenberg is a scientist and journalist who is at the forefront of a global movement to tear down the taboo surrounding this subject. After graduating Phi Beta Kappa from Cornell University with a degree in mathematics, he attended the University of California, Irvine School of Medicine from 1978 to 1982. Injury by X-ray overdose cut short his medical career. For the past thirty-five years he has been a researcher, consultant, and lecturer on the health and environmental effects of electromagnetic radiation, as well as a practitioner of several healing arts. His book, *'The Invisible Rainbow'* is essential background to understand the dangers of what the telecommunications industry want you to believe is a blessing in your entertainment.

5G satellites will fill the skies: These are the companies with the biggest plans to deploy satellites: SpaceX: 12,000 satellites OneWeb: 4,560 satellites Boeing: 2,956 satellites Spire Global: 972 satellites

These are only the major companies as of January 2020, there are many others that could see as many as 50-100 thousand satellites in low and medium orbit (60-100 miles) above the Earth.

Arthur Firstenberg describes the plans of corporations who want to use 5G technology. He states:

HONEYWELL HAS ALREADY SIGNED A MEMORANDUM OF UNDERSTANDING TO BECOME ONEWEB'S FIRST LARGE CUSTOMER—IT PLANS TO PROVIDE HIGH-SPEED WI-FI ON BUSINESS, COMMERCIAL, AND MILITARY AIRCRAFT THROUGHOUT THE WORLD.

### SPACEX WOULD LIKE TO PROVIDE THE EQUIVALENT OF 5G TO EVERY PERSON ON THE PLANET.

Ground-based 5G systems are already **being implemented in dozens of major cities right now. Plans are being approved by** hundreds of other cities, which will allow implementation in 2019 and beyond.

Cities do not have the right to "say no" to 5G. <u>FCC regulations prevent cities from objecting on</u> <u>the basis of health concerns</u> – they only can speak to issues of esthetics and the practical matter of the placement of equipment.

They are required to "say yes," and they better do it quickly, or telecom companies will threaten them with legal action for obstructing their plans.

The first two 5G test satellites were launched by SpaceX in February of 2018. Hundreds of other satellites were launched in 2019. The full set of 20,000+ satellites could be put in orbit during the next two years.

As of September 2017 there were 1,738 operating satellites into orbit around the Earth. This means the number of satellites will be 11 times greater than the current number.

Environmental catastrophe from rockets used to launch satellites is a concern. **Rocket fuel is very destructive to the Earth's ozone layer which protects us from the harsh effects of radiation from the Sun.** There were only a total of 90 rocket launch attempts worldwide in 2017.

The rockets that use solid fuel produce massive ozone depletion. While rockets using liquid kerosene as fuel destroy less ozone, they release massive amounts of black carbon soot into the air, especially at high altitudes.

If the number of annual rocket launches increases by 10 or more times, which is likely under the plans these corporations have made, computer models suggest that the combination of ozone depletion and release of black soot could produce a 3-degree warming effect over the Antarctic and reduce the ozone in the world's atmosphere by 4%.

Even though it will be possible for a single rocket to put multiple satellites into orbit, we are still talking about a 10 or 20 fold increase in environmental damage over what is being produced today.

The 5G satellites have a relatively short lifespan, perhaps only 5 years, which means there will be high numbers of rocket launches, not just in the next few years, but in every year for the foreseeable future.

Mercury-based rocket fuel could spread neurotoxins over the Earth. As bad as liquid and solid rocket fuels will be for the environment, Apollo Fusion is developing a mercury-based propulsion system for launching rockets.

These ion propulsion rocket engines use powerful magnets to push away small charged particles at high speeds, which generates thrust. NASA experimented with mercury ion propulsion in the 1960s, but abandoned the research.

Mercury is an extremely strong neurotoxin, which is harmful to all forms of life, especially humans. The risks of an environmental catastrophe are monumental, because if there was a malfunction and one of these engines exploded, highly toxic mercury would be spread through the atmosphere and over the Earth.

All the talk from telecom companies about 5G being a panacea for environmental protection and energy conservation is quite ridiculous when we think about the environmental damage that will be created by any of the rocket engines they choose to use for launching their satellites.

Each satellite is the size of a small refrigerator and will weigh approximately 880 pounds. With a life expectancy of only 5-years, **this means there will be a massive amount of space junk orbiting the Earth.** Eventually, all those satellites will fall down to Earth and will burn up as they enter the Earth's atmosphere. All the hazardous materials in the satellites will be released into the air and will float down to the ground as dust or in droplets of rain.

Telecom companies are creating a worldwide disaster in the name of technological progress. **5G is promoted as being the next great wonder** in the plan to advance technology to create smart cities where everything and everyone is instantly connected in real time with no lags or lost signals.

Of course there will be a few obvious costs. **Everyone will be irradiated** with millimeter-size, non-ionizing radiation 24 hours a day with completely unknown health effects. In my series, "5G, Crimes Against Humanity", I included a list of radiation sickness symptoms.

Studies designed to investigate harm from 5G will be completed many years after the 5G systems on the ground and in space are fully implemented. At that point it is very unlikely that telecom companies would dismantle their systems even if it is shown that their technology is causing cancer and other diseases. They would just deny the risks. If needed, they have the funds to fend off all legal efforts to stop them!

They will tell us that the science was settled decades ago. They will tell us that **evidence linking 5G to cancer and other diseases is just a conspiracy theory** that only a few crackpots believe. This is the mantra we are finding on the Internet at this time.

Millions of people will suffer from radiation exposure with symptoms such as headaches, weakness, brain fog, impaired ability to learn and reason, chest pain, and numerous other symptoms that will baffle most conventional physicians.

There is nowhere to hide from 5G radiation Today, it is possible to live in a location that has reduced levels of microwave exposure. This is accomplished by choosing a living space that is far away from cell phone towers. However, in the near future, it won't matter where we live, because 5G will irradiate us wherever we happen to live or work. I live exasctly 2,500-feet from a cell tower, and discovered a week ago, there is as second tower that has been erected in the past month.

Cities can't say no to 5G implementation. **FCC regulations have been structured in such a way that local municipalities cannot stop telecom companies from installing 5G.** They are specifically prohibited from trying to delay or stop 5G implementation on the basis of health concerns. Their only recourse is to try to make the ground-based 5G system somewhat more esthetically pleasant.

Based on what has been happening around the country, telecom companies are sweeping aside local resistance and gaining approval for their 5G systems in rapid succession.

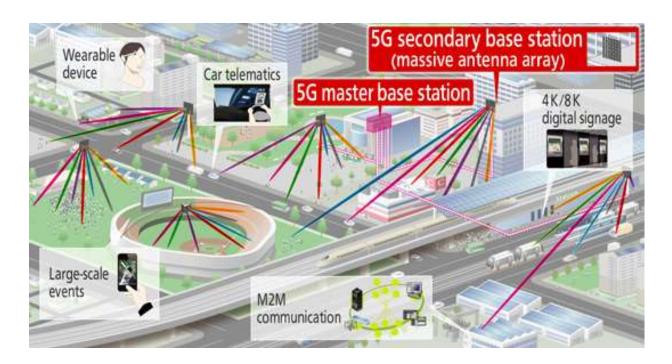


**The only way that 5G will be stopped will be by congressional action.** If enough people raise a stink with their elected officials, then perhaps 5G 60-gigashertz could be put on hold while studies are done to examine the true health risks. Telecom investment in 5G has been massive, \$57-billion by their own words. They are planning full implementation on the ground and in space in the next couple years. The time to object is now and not after hundreds of thousands of people become sick. Be ready for 5G radiation even if you don't want it!

#### The COVID-19 Hysteria: 5G And The China Epidemic

"In the event that I am reincarnated, I would like to return as a deadly virus, in order to contribute something to solve over-population."

Prince Philip, Duke of Edinburgh, (Husband of Queen Elizabeth II), August 1988, Deutsche Press.

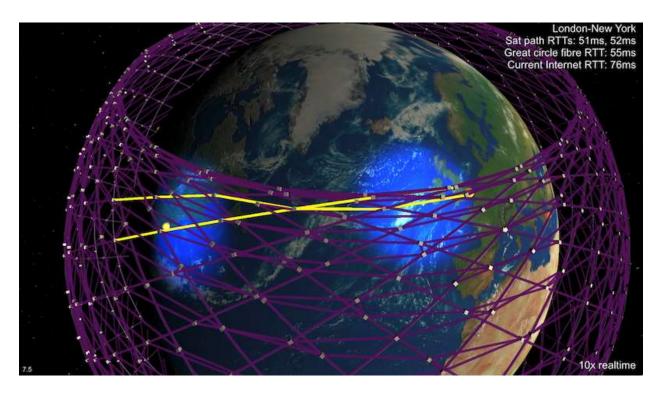


The above illustration has the key as to how the Chinese in Wuhan dropped dead in their own foot print as the result of Wuhan, China 5G 60-gighertz.

I am continuing with reports concerning this COVID-19 "epidemic" and the world wide hysteria that has gripped both the Jew spew media and the alternative media over the last week.... I will lay it out plain and simple that I am NOT going to fall for the "hysteria" as I have already shown that (a) this is indeed a man made concoction that contains some very interesting "traits"... and (b) there is a LOT of misleading reports about the actual number of victims of this disease so far, which has allowed many to make the speculation that this is indeed a "plandemic" that will "kill us all".....I prefer to try to handle the situation by getting REAL facts and to show readers some interesting aspects of this disease.

One researcher, Jim Stone, has already claimed that there can NOT be a possible link between this COVID-19 outbreak and the usage of 5G electromagnetic fields..... He is correct that the present majority of world wide cases of COVID-19 are in areas that do not yet have "5G" implemented... However, there is still the interesting facts about the original source of the outbreak at Wuhan China which was indeed the FIRST major region of China to have "5G" turned on.... And several other places where this COVID-19 went rampant including that cruise ship the "Diamond Princess" and even areas in South Korea have indeed implemented "5G" technology as well..... Jim Stone misses a point here that not all countries are operating their "5G" at its optimum level for reasons that it does not require it to operate at since "5G" requires energy to power it.

Below is a Space Fence array for Elon Musk's Starlink plan for up to 1-million satellites beaming down on planet Earth electromagnetic radiation in the form of 5G 60-gigahertz as one of a number of telecommunications. This is just a sample of what is coming.



I also want to stress the importance for people to understand the importance of standing firm and refusing to allow criminals in the telecommunications industry and our crooked governments to implement this horrific "5G" in their neighbourhoods.... I have already covered in many previous articles the long list of the horrible side effects of this latest and greatest "technology". I have offered up names of scientific experts on EMF who will confirm what I am saying.

Here is a typical standard definition of 5G, from the industry: "5G is the 5th generation mobile network. It will take a much larger role than previous generations. 5G will elevate the mobile network to not only interconnect people, but also interconnect and control machines, objects, and devices. It will deliver new levels of performance and efficiency that will empower new user experiences and connect new industries." (Qualcom.com)

Several petitions have circulated, with the aim of stopping 5G deployment altogether. From principia-scientific.org, here is an excerpt from one petition, which is claimed to have 26,000 scientists as signatories:

"We the undersigned scientists, doctors, environmental organizations and citizens from (\_\_\_) countries, urgently call for a halt to the deployment of the 5G (fifth generation) wireless network, including 5G from space satellites. 5G will massively increase exposure to radio frequency (RF) radiation on top of the 2G, 3G and 4G networks for telecommunications already in place. RF radiation has been proven harmful for humans and the environment. The deployment of 5G constitutes an experiment on humanity and the environment that is defined as a crime under international law." Telecommunications companies worldwide, with the support of governments, are poised within the next 18 months to roll out the fifth-generation wireless network (5G) 60-gigahertz.. This is set to deliver what is acknowledged to be unprecedented societal change on a global scale. We will have 'smart' homes, 'smart' businesses, 'smart' highways, 'smart' cities and self-driving cars. Virtually everything we own and buy, from refrigerators and washing machines to milk cartons, hairbrushes and infants' diapers, will contain antennas and microchips and will be connected wirelessly to the Internet. Every person on Earth will have instant access to super-high-speed, low- latency wireless communications from any point on the planet, even in rainforests, mid-ocean and the Antarctic. You will not be able to opt out of it!

What is not widely acknowledged is that this will also result in unprecedented environmental change on a global scale. The planned density of radio frequency transmitters is impossible to envisage. In addition to millions of new 5G base stations on Earth and 20,000 new satellites in space, 200 billion transmitting objects, according to estimates, will be part of the Internet of Things by 2020, and one trillion objects a few years later.

Commercial 5G at <u>lower frequencies and slower speeds</u> was deployed in Qatar, Finland, and Estonia in mid-2018. The rollout of 5G at extremely high (millimetre wave) frequencies began at the end of 2018."

Despite widespread denial, the evidence that radio frequency (RF) radiation is harmful to life is already overwhelming. The accumulated clinical evidence of sick and injured human beings, experimental evidence of damage to DNA, cells and organ systems in a wide variety of plants and animals, and epidemiological evidence that the major diseases of modern civilization— cancer, heart disease and diabetes—are in large part caused by electromagnetic pollution, forms a literature base of well over 10,000 peer-reviewed studies.

If the telecommunications industry's plans for 5G come to fruition, no person, no animal, no bird, no insect and no plant on Earth will be able to avoid exposure, 24 hours a day, 365 days a year, to levels of RF radiation that are tens to hundreds of times greater than what exists today, without any possibility of escape anywhere on the planet.

These 5G plans threaten to provoke serious, irreversible effects on humans and permanent damage to all of the Earth's ecosystems. Bee-colony collapse continues to shrink, going back as far as 1996, when cell phones were relatively new and just being marketed at Radio Shack. When the bees are gone, you have two or threes years at most for crops that require pollination by bees. This is a fact that cannot be refuted. Bees avoid cell-tower radiation like we avoid an open fire.

Because 5G signal transmissions can only move, with useful accuracy, across very short distances, you see the reference, in the petition, to millions of base relay stations that will be built around the world. I would say MANY millions. They will be positioned on light poles, on buildings, on fences, on all sorts of structures. Coming soon to your neighborhood; perhaps to

the sidewalk right outside your house or apartment building. They are disguised as cactus trees in the southwest, in church building bell towers, and wherever they can be disguised.

And eventually, when tiny nanomachines (sensors) are installed in the body to report, in real time, on physical changes, and diagnose diseases, you'll have your very own internal 5G transmitter. Will wonders never cease?

A number of independent researchers have attributed the so-called "epidemic" effects in China to the rollout of harmful 5G technology. My research would confirm this as well, but there are other issues which I am in the process of reporting on.

Here is a statement from lightreading.com, dated February 24 of this year. It combines prediction with report: *"China Unicom and its rollout partner China Telecom agreed at a special conference last Thursday to speed up their 5G buildout."* 

"The two telcos, which last year struck an agreement to jointly build and share their 5G networks, committed to deploying 250,000 base stations by the end of the third quarter – one quarter ahead of schedule..."

"In the first half of 2020 they expect to roll out 100,000 base stations in 47 cities, China Security Times reported. As of February 20, the two operators had put into service 64,000 5G base stations nationwide."

What is a base station? The term seems to apply to both small and large relay installations for passing along 5G transmissions. A small station might be the size of a shoe box attached to a light pole. It might be much, much larger, a hub containing many antennae.

For the moment, let's assume the base stations referred to in the above article are a combination of large and small installations. Both types would be necessary to launch an extensive 5G network.

64,000 5G base stations currently up and running in all of China might not seem like a very big number. But it could be a big number, if only a limited number of cities are hosting these stations. And perhaps other telecom companies are very active, and perhaps they have installed more stations.

How much 5G is currently deployed in Wuhan, which is said to be the initial Chinese center for 5G deployment? Wuhan, of course, has been called "the epicenter of the coronavirus epidemic." If 2018 and 2019 5G predictions are close to accurate, the answer would be: a huge amount.

Any significant deployment of 5G in Chinese cities can create human damage. And of course, in order to hide this damage, the cover story of THE VIRUS would be invoked. "Don't blame

our corporate 5G, or try to derail the hundreds of billions of dollars immediately coming our way. It's the coronavirus. Salute the virus."

One VERY serious claim: when 5G employs a frequency band at 60-gigahertz, disruption in oxygen molecules occurs—and the crucial ability of hemoglobin to pick up oxygen and transport it throughout the body is seriously impaired. In previous articles, in my series 5G, Crimes Against Humanity, I have included oscilloscope screen shots to this affect. When you consider millions spent by the telecoms it will begin to sink in why we fight an enemy that only God can stop!

#### Tech titans in spectrum fight have deep pockets

The fight over the future of 5G technology involves some of the biggest companies in the world wrestling over airwaves issues. Each company spent millions of dollars on lobbying last year including on spectrum issues.



Source: Senate Office of Public Records, Center for Responsive Politics Bloomberg Law

The lack of open debate among professionals is a sign that the vital issue is being pushed into the background. All in all, given the available literature on 5G, in the face of stonewalling and the refusal of telecom industry professionals to step forward with honest reports, common sense tells us to look to Wuhan and other major Chinese cities, and their rollout of 5G, for understanding the human damage there, which is being falsely labeled: "THE VIRUS IS CAUSING IT." The Corona virus or COVID-19 is being used to take the public attention off of 5G technology and what occurs when all life forms are subjected to the radiation poisoning that comes with it!

#### 2018 Lobbying

Globally, the ramifications of 5G are immense. Here are excerpts from earlier articles I wrote on the subject: A few decades ago, a movement was started to create an interconnected power grid for the whole planet. We were told this would be the only way to avoid wasting huge amounts of electricity and, voila, bring all nations and all people into a modern 21st century.

But now, it's a different story, a classic bait and switch. The bait was the promise of One Grid for all. The switch is what 5G will bring us:

100 billion or more NEW devices online, all connected to the Internet and the Cloud. What could be more wasteful? What could be more ridiculous? This is the opposite of sane energy use.



Above – Visualization of the Space Fence or Space Net as 5G has been labeled

Who really cares whether his 5G-connected refrigerator keeps track of the food items inside it and orders new items when the supply dwindles? Who has to have a 5G driverless car that takes him to work? Who must have a 5G stove that senses what is being cooked and sets the temperature for four minutes? Who lives and who dies if a washing machine doesn't measure how much soap is stored inside and doesn't order new soap? Who is demanding a hundred devices in his home that spy on him and record his actions? Who needs to load a movie in two seconds?

With 5G, the ultimate goal is: every device in every home that uses energy will be "its own computer," and the planetary grid will connect ALL these devices to a monitoring and regulating Energy Authority.

As Patrick Wood details in his classic, '*Technocracy Rising*,' that worldwide Energy Authority was the dream of the men who launched the Technocracy movement, in America, in the 1930s.

They set out the key requirements—which weren't technically possible then, but are quite doable now: continuous real-time measuring of both energy production and energy use from one end of the planet to the other...

...So that both energy production and energy consumption could be controlled. "For the good of all," of course. 5G is a technology for making this happen.

Globalists: "We're promising a stunning long-range future of 'automatic homes', where everything is done for you. But really, that's the cover story.

Ultimately, we want to be able to measure every unit of energy used by every device in every home—and through AI, regulate how much energy we will let every individual consume, moment to moment. We control energy. We are the energy masters. If you want to run and operate and dominate the world, you control its energy."

Terms and projects like smart grid, smart meters, sustainability, Agenda 21, now called Agenda 30, smart cities, climate change—all this is Technocratic planning and justification for Rule through Energy. The bottom line is to control each individual person on the earth, in ways you cannot imagine.

The beginning of an actual rational plan for energy would start this way:

DUMP 5G. Dump the whole plan of installing small transmitter-cells on buildings and homes and trees and lampposts and fences all over the planet.

Forget it. Don't bring 100 billion new devices online. Aside from the extreme health dangers, it's ridiculously expensive. It's on the order of saying we need hundred-foot robots standing on sidewalks washing the windows of office buildings.

A global Energy Authority, of course, is going to decide that a small African country needs to be given much more energy, while Germany or France or the U.S. will have to sacrifice energy for the cause of social justice. But this is yet another con, because you won't see governments cleaning up the contaminated water supplies of that small African country, or installing modern sanitation, or curtailing the forced movement of populations into poverty-stricken cities, or

reclaiming vast farm land stolen by mega-corporations and giving that land back to local farmers.

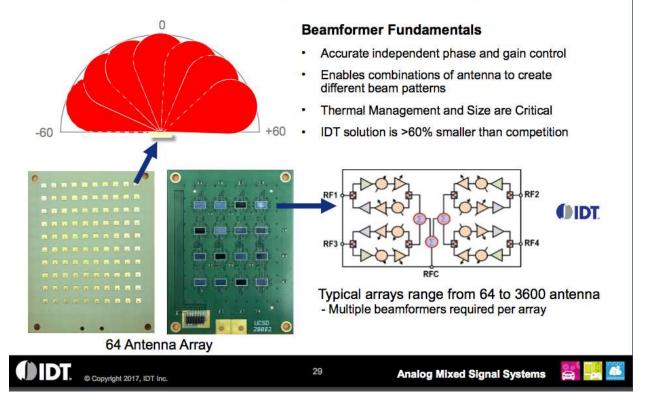
The whole hidden purpose of an Energy Authority is control. I will be covering how 5G will be your 'Big Brother' means of total control of your entire life, 24/7/365.

And because the Authority is Globalist and Technocratic, it aims to lower energy use in industrial nations and help wreck their economies, making it much easier to move in and take over those countries.

Who in his right mind would propose a wireless system that relies on many, many, many cells/transmitters placed closely to each other, all over the world? This system would be far more vulnerable to physical disruption than the present 4G.

You can find many articles that claim the US military must have 5G for their most advanced planes—and for their developing AI-controlled weapons. How does that work? Where will all the transmitter/cells be placed on the ground and in the air?? Something is missing here. Is there another version of 5G we're not being told about? Is geoengineering of the atmosphere the means for tuning up space so 5G signals can be passed along without cells/transmitters?

#### Beamforming is at the heart of phased array systems Enables signals to be shaped & pointed at a specific object



If you read the title of this slide above, you see the words **"Enables signals to be shaped & pointed at a specific object."** This should get your attention. The 5G technology can be targeted at you [your 4G & 5G phones have a GPS coordinates locater inside it]. From a base station, a person sitting at a computer can dial you up and zap you with a dose of 5G 60-gigahertz that will give you an instant heart attack. That's how dangerous this is. 5G operates on a milimeter wave length, straight line for energy amplitude, like an invisible bullet! If you doubt that then you are behind the times my friend. 5G is capable of targeting an object, a building, a person, or a cell phone to within a 4" square area. How's that for accuracy at say 60-miles up via a base station anywhere in the world!! Think about it, if an Internet provider can send you a movie with a flip of the switch, he can just as easily send you a 60-gigahertz heart attack and some doctor can say you had the Corona virus. Fifty years ago It took a lot of skill to hit the bull's eye at 500 yards with a 30-cal. full metal jacket round from an M1 rifle.

Part of the U.S. obsession to bring 5G online quickly stems from competition with China, which at the moment is in the lead on developing and exporting the technology. *"If China has it, we have to have it sooner and better."* This attitude side-steps the issue of why we must have 5G in the first place.

"Along with the 5G there is another thing coming – Internet of Things. If you look at it...the radiation level is going to increase tremendously and yet the industry is very excited about it.... they project 5G/IoT business to be a \$7 trillion business." — Prof. Girish Kumar, Professor at Electrical Engineering Department at IIT Bombay.

And the consumer gets what? The ability to watch the reruns of Law.&.Order he's already watching? His current TV reception isn't good enough? The appliances in his home will all be connected to Internet and talk to each other and spy on him and record his energy use, in conjunction with smart meters, for the Greater Good. Somehow, you really need your toaster connected to the Internet? You want that? You can't get along without that?

Undoubtedly, a key part of the 5G program is, eventually, massive numbers of driverless cars on roads all over the world. This is the plan. Cars are connected and talk to each other. Humans play no role in this. The Technocratic Internet of Things decides how, at any given moment, to regulate traffic flows. Humans learn to be passive.

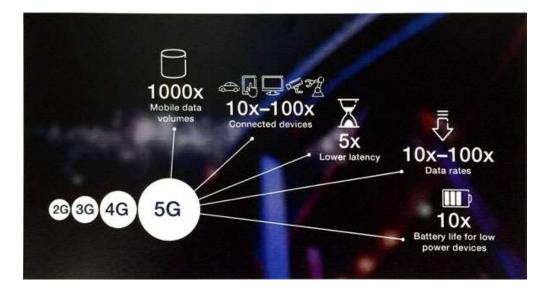
With the internet of things, the technocratic elite will be able to install energy-use quotas and ceilings for every person and exert top-down conrol on the planet.

"Mr. Jones, this is the voice of your house speaking. You have reached the assigned limit of your energy use for the month. Try to get along without energy until next month's allotment comes online..."

At electricsense.com (5/12/17), the fatuous "upside" of 5G is exposed: "5G and IoT [Internet of Things] promises to connect us in our homes, schools, workplaces, cities, parks and open spaces to over a trillion objects around the world. It promises cars that drive themselves, washing

machines that order their own washing powder and softener plus of course super fast downloads and streaming." Ask yourself

### Is This



### **Worth This**



"According to Fortune.com 5G will support at least 100 billion devices and will be 10 to 100 times faster than current 4G technology. (4G was already about 10 times faster than 3G)."

"It'll bring download speed up to 10 Gigabits per second. This would let us have an entire building of people send each other data in close to no time, thus improving productivity."

electricsense.com: "5G will utilize smaller cell stations (and the technology of beamforming) that'll scramble/unscramble and redirect packets of data on a no-interference path back to us. This could mean wireless antennas on every lamp post, utility pole, home and business throughout entire neighborhoods, towns and cities."

"Thousands of studies link low-level wireless radio frequency radiation exposures to a long list of adverse biological effects, including:

- \* DNA single and double strand breaks
- \* oxidative damage
- \* disruption of cell metabolism
- \* increased blood brain barrier permeability
- \* melatonin reduction
- \* disruption to brain glucose metabolism
- \* generation of stress proteins"

"Given that 5G is set to utilize frequencies above and below existing frequency bands...But the tendency (it varies from country to country) is for 5G to utilize the higher frequency bands. Which brings its own particular concerns...

"The biggest concern is how these new wavelengths will affect the skin. The human body has between two million to four million sweat ducts. Dr. Ben-Ishai of Hebrew University, Israel explains that our sweat ducts act like 'an array of helical antennas when exposed to these wavelengths,' meaning that we become more conductive. A recent New York study which experimented with 60-Gigahertz waves stated that 'the analyses of penetration depth show that more than 90% of the transmitted power is absorbed in the epidermis and dermis layer'."

The effects of MMWs [millimeter waves] as studied by Dr. Yael Stein of Hebrew University is said to "also cause humans physical pain as our nociceptors flare up in recognition of the wave as a damaging stimuli. So we're looking at possibilities of many skin diseases and cancer as well as physical pain to our skin." Could this be a factor in Israel banning 5G for the State of Israel. Maybe it is the reason that London and Rome have banned it, or most recently Brussels, home of the EU headquarters have chose to have a two-year moratorium on 5G!

A 1994 study found that low level millimeter microwave radiation produced lens opacity in rats, which is linked to the production of cataracts.

A 1992 Russian study found that frequencies in the range 53-78GHz (that which 5G proposes to use) impacted the heart rate variability (an indicator of stress) in rats. Another Russian study on frogs whose skin was exposed to MMWs found heart rate changes (arrhythmias)."

5G will use pulsed millimeter waves to carry information. But as Dr. Joel Moskowitz points out, **most 5G studies are misleading because they do not pulse the waves**. This is important because research on microwaves already tells us how pulsed waves have more profound biological effects on our body compared to non-pulsed waves. Previous studies, for instance, show how pulse rates of the frequencies led to gene toxicity and DNA strand breaks.

Profits, top-down control, new technology-why bother with extensive health studies?

Once the effects on the population take hold, doctors will make diagnoses of DISEASES that seem to have nothing to do with 5G like the Corona virus. They'll call it Chronic Fatigue Syndrome, or a variety of blood disorders, they'll look for THE VIRUS, and they'll develop new drugs... but the one cause they won't find is 5G.

I said that the key to those dropping dead in their own footprint could be found in the illustration on page 14. In Part 2 of this series I will show you how I believe a not so friendly ally of the U.S. managed to fool the President of China, Xi Jinping, currently Life Head of the General Secretary of the Chinese Communist Party.



Blessings,

Pastor Bob, EvanTeachr@aol.com