

666/999

5G, the Mark of the Beast, and the UPC Code

Chapter 3

In Chapter 1, I stated: The introduction of the telecommunications industry is bringing it all into focus with the roll out of 5G technology. 5G is more than just a communications system. It's far worse than you can ever imagine. 5G is a weapons system and a control system as well! We have been watching a long process, slowly evolving into what will be a system of control, capable of terminating one's life at will. To learn more about 5G, I recommend you listen to Joe Imbriano, host of the: 'Fullerton Informer.com.' Joe Imbriano lives in Fullerton, California and is scientifically trained to know the effects of 5G on all forms of life.

"5G is a weapons system, not a communications system. It should be banned outright and a complete review conducted of alternative means of achieving the next level of connectivity. I warned the US Government about electromagnetic vulnerabilities in 1994 and was ignored. IT/AI today is causing direct mental and physical health anomalies and disabilities. Proceeding on 5G is in my view an impeachable offense." This is the opinion of former U.S. Marine officer, and CIA agent, Robert David Steele.

Paul Craig Roberts, former Economics adviser to President Ronald Reagan, and host of the "Institute for Political Economy", said this: ***"5G Wireless Will Kill Us. We can stop worrying about Social Security. No one will live long enough to collect it. But health care will absorb the national income."***

20,000 Satellites for 5G to be Launched Sending Focused Beams of Intense Microwave Radiation over Entire Earth

"666" is the "Mark of the Beast, but not quite the way we think, and Chapters 1 & 2 dealt with the beginning of where it came from and dealt with the evolving concept of how over the centuries it became sacrosanct in the Beast System of the Roman Catholic Church. In this chapter, we will share information of how it will become a dragnet over the entire world.

You should take serious the remarks above by Robert David Steele and Paul Craig Roberts, they are not crying wolf, and they are deadly serious. I will show the connection at the close of this article on 5G. Essentially we are talking about the end of civilization as we know it.

The bulk of this 5G report comes from John P. Thomas of *“Health Impact News”*.



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 cell tower approximately every 500 feet along every street. I live in rural central Kentucky and for months AT&T have been building infrastructure branching out from Louisville, KY, one of the first dozen cities chosen for the 5G technology. I am home bound and therefore I rely on the observations of my wife as she travels to her part-time church secretary job. Work began in our area in the fall of 2018.

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.

The FCC gave approval to SpaceX on March 29, 2018, to launch 4,425 satellites into low orbit around the Earth. [1]

The total number of satellites that is expected to be put into low and high orbit by several companies will be 20,000 satellites. [1]

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.

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. [2]

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. There are five conventional cell towers within a radius of ten miles of where I live, the nearest one in eye sight of my kitchen window.

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 inch by 4 inch 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. [2]

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.

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. [2]

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.

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. [2]

5G Phones will be much more Powerful than Previous Phones

The effective radiated power of the 5G phased array antennas in phones will be 10 times more powerful than 4G phones. No one will be free from exposure.

In addition, 5G beams of microwave radiation will be received and transmitted from new computer equipment, household appliances, and automobiles.

Stationary equipment such as Wi-Fi hubs in homes and offices will be permitted to use microwave beams that are 15 times stronger (300 watts) than the signals from 5G phones or 150 times stronger than 4G phones. [2]

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. [2]

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

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. [3]

Ground-based 5G Implementation

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.

As I explained in my previous articles, cities do not have the right to “say no” to 5G. FCC regulations prevent cities from objecting on the basis of health concerns – 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.

Satellite Based 5G Implementation

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

To put this into perspective, 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. [4]

Environmental Catastrophe from Rockets used to Launch Satellites

Rocket fuel is very destructive to the Earth's ozone layer which protects us from the harsh effects of radiation from the Sun. In 2017, there were 90 rocket launch attempts worldwide. [5]

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 are 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%. [3]

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. [3]

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. [3]

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 generate 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. [6]

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.

Space Junk will Pollute the Earth

Each satellite will be the size of a small refrigerator and will weigh approximately 880 pounds. [4]

With a life expectancy of only 5-years [3], 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 costs.

Everyone will be irradiated with millimeter-size, non-ionizing radiation 24 hours a day with completely unknown health effects.

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.

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. The science does not support this and remember it was the CIA who created the term “conspiracy theory” so consider the source of such disinformation.

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. Studies done in the last ten years show a higher incidence rate of cancer of those living in close proximity of existing cell 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.

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. Some cities such as Palm Springs, FL have said they will not have 5G.

Can 5G Implementation be Stopped?

As far as I can tell, at this point, 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 could be put on hold while studies are done to examine the true health risks.

Telecom investment in 5G has been massive. 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. [7] The telecom companies have invested \$59-billion into the 5G technology, and so efforts to block or delay do not look good.

If you would like to watch an in-depth presentation on the risks and hazards of 5G, then please view the following presentation.

Listen to Arthur Firstenberg discuss the history, science, and description of 5G, including 5G from satellites in space and its expected effects on all living things:

[Cell Phone Task Force, Taos, New Mexico, August 2, 2018](#)

You also may wish to review some of my previous articles about the risks of 5G and other forms of radio frequency exposure.

[Public Waking up to Fact that 5G has not been Proven Safe for Human Health](#)

[5G Technology is Coming – Linked to Cancer, Heart Disease, Diabetes, Alzheimer's, and Death](#)

[Cell Phone and Wi-Fi Exposure to the Eyes Causes Long-Term Damage](#)

[New 5G Cell Towers and Smart Meters to Increase Microwave Radiation – Invade Privacy](#)

[Smart Meters: Countdown to a National Crisis of Illness and Death](#)

[Will Driverless Cars Cause DNA Damage and Cancer?](#)

[How Big Technology Companies Control the Minds of the Masses through Smart Phone Addiction](#)

About the Author

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- [1] [“Planetary Emergency,”](#) Arthur Firstenberg, Cellular Phone Task Force.
- [2] [“5G – from Blankets to Bullets,”](#) Arthur Firstenberg, Cellular Phone Task Force.
- [3] [“WiFi in the Sky,”](#) Arthur Firstenberg, Cellular Phone Task Force.
- [4] [“5G from Space,”](#) Arthur Firstenberg, Cellular Phone Task Force.
- [5] [“2017 Space Launch Statistics,”](#) – Spaceflight101.
- [6] [“Space Startup Apollo Fusion Wants To Use Mercury as a Fuel,”](#) Avery Thompson, Popular Mechanics, 11/20/2018.
- [7] [Arthur Firstenberg, Cellular Phone Task Force](#)

UN Staffer Warns that 5G is a ‘War on Humanity’



In a January 5, 2019 article in *'Waking Times'* an ominous report appeared.

The first eight months of WWII with no fighting was called The Phony War. Using millimeter waves as a fifth-generation or 5G wireless communications technology is a phony war of another kind.

This phony war is also silent, but this time shots are being fired – in the form of laser-like beams of electromagnetic radiation (EMR) from banks of thousands of tiny antennas^[1] – and almost no one in the firing line knows that they are being silently, seriously and irreparably injured.

In the first instance, 5G is likely to make people electro-**hypersensitive** (EHS).^[2] Perhaps it was sitting in front of two big computer screens for many of the 18 years I worked at the U.N. that made me EHS. When the UN Office at Vienna installed powerful Wi-Fi and cellphone access points – designed to serve large, public areas – in narrow, metal-walled corridors throughout the Vienna International Centre in December 2015, I was ill continuously for seven months.

I did my best for two and a half years to alert the U.N. staff union, administration and medical service to the danger to the health of UN staff of EMR from these access points, but was ignored. That's why, in May 2018, I took the issue to the UN Secretary-General. He is a physicist and electrical engineer and lectured on telecommunications signals early in his career, yet asserted that he knew nothing about this. He undertook to ask the World Health Organization to look into it, but seven months later those public access points remain in place. I received no replies to my many follow-up emails.

As a result, I welcomed the opportunity to join the effort to publish an **International Appeal to Stop 5G on Earth and in Space** because it was clear to me that, despite there having been 43 earlier scientific appeals, very few people understood the dangers of EMR. My experience as an editor could help ensure that a new 5G appeal, including the issue of beaming 5G from space, was clear, comprehensive, explanatory, and accessible to the non-scientist.

The **International Appeal to Stop 5G on Earth and in Space** is fully referenced, citing over a hundred scientific papers among the tens of thousands on the biological effects of EMR published over the last 80 years.^[3]

Having spent years editing UN documents dealing with space, I know that outer space is hotly contested geopolitically and any untoward event involving a military satellite risks triggering a catastrophic response.^[4] Space law is so inadequate – just one example is the complexity of space liability law^{[5],[6]} – that we could really call the Earth orbits a new Wild West. China caused international consternation in 2007 when it demonstrated an anti-satellite weapon by destroying its own satellite. Space debris is the main concern among space-faring nations, with a so-called Kessler syndrome positing a cascade of space debris that could make

the Earth orbits unusable for a thousand years.^[7] Does launching 20,000+ commercial 5G satellites in such circumstances sound rational to you?

I live in Vienna, Austria, where the 5G rollout is suddenly upon us. Within the last five weeks, pre-5G has been officially announced at Vienna airport and 5G at the Rathausplatz, the main square in Vienna, which attracts tens of thousands of visitors to its Christmas market each December and skating rink each January, which are special treats for children. Along with birds and insects, children are the most vulnerable to 5G depredation because of their little bodies.^[8] Friends and acquaintances and their children in Vienna are already reporting the classic symptoms of EMR poisoning:^[9] nosebleeds, **headaches**, eye pains, chest pains, nausea, **fatigue**, vomiting, **tinnitus**, dizziness, flu-like symptoms, and cardiac pain. They also report a tight band around the head; pressure on the top of the head; short, stabbing pains around the body; and buzzing internal organs. Other biological effects such as tumours and dementia usually take longer to manifest, but in the case of 5G, which has never been tested for health or safety, who knows?^[10]

Seemingly overnight a forest of 5G infrastructure has sprouted in Austria. In the space of three weeks one friend has gone from robust health to fleeing this country, where she has lived for 30 years. Each person experiences EMR differently. For her, it was extreme torture so she and I spent her last two nights in Austria sleeping in the woods. Interestingly, as she drove across southern Germany, she suffered torture even worse than in Austria, while in northern Germany she had no symptoms at all and felt completely normal, which suggests that there has been as yet no 5G rollout there.

There are no legal limits on exposure to EMR. Conveniently for the telecommunications industry, there are only non-legally enforceable *guidelines* such as those produced by the grandly named International Commission on Non-Ionizing Radiation Protection, which turns out to be like the Wizard of Oz, just a tiny little NGO in Germany that appoints its own members, none of whom is a medical doctor or environmental expert.^[11]

Like the Wizard of Oz, ICNIRP seems to have magical powers. Its prestidigitation makes non-thermal (non-heating) effects of EMR exposure disappear into thin air, for taking into account the tens of thousands of research studies demonstrating the biological effects of EMR would invalidate its so-called safety guidelines.^[12] It has bewitched the International Telecommunication Union, part of the UN family, into recognizing these guidelines.^[13] And one little email sent to ICNIRP in October 2018 to submit Professor Martin Pall's comments on ICNIRP's new draft guidelines conjured up an immediate explosion of interest in the sender's online presence – which had hitherto attracted none – from companies and individuals worldwide, one country's immigration authorities, the office of the Austrian Chancellor (head of government), a firm of lawyers in Vienna and even Interpol!^{[14],[15]}

I hope that people read and share our **Stop 5G Space Appeal** to wake up themselves and others quickly and use it to take action themselves to stop 5G. Even eight short months of this 5G Phony War could spell catastrophe for all life on Earth. Elon Musk is set to launch the

first 4,425 5G satellites in June 2019 and “blanket” the Earth with 5G, in breach of countless international treaties. This could initiate the last great extinction, courtesy of the multi-trillion-US-dollar 5G, the biggest biological experiment and most heinous manifestation of hubris and greed in human history.^[10]

People’s first reaction to the idea that 5G may be an existential threat to all life on Earth is usually disbelief and/or cognitive dissonance. Once they examine the facts, however, their second reaction is often terror. We need to transcend this in order to see 5G as an opportunity to empower ourselves, take responsibility and take action. We may have already lost 80 per cent of our insects to EMR in the last 20 years.^[16] Our trees risk being cut down by the millions in order to ensure continuous 5G signaling for self-driving cars, buses and trains.^[17] Are we going to stand by and see ourselves and our children irradiated, our food systems decimated, our natural surroundings destroyed?

Our newspapers are now casually popularizing the meme that human extinction would be a good thing,^{[18],[19]} but when the question becomes not rhetorical but real, when it’s *your* life, *your* child, *your* community, *your* environment that is under immediate threat, can you really subscribe to such a suggestion? If you don’t, please sign the **Stop 5G Appeal** and get active in contacting everyone you can think of who has the power to stop 5G, especially Elon Musk^[20] and the CEOs of all the other companies planning to launch 5G satellites, starting in just 20 weeks from now. Life on Earth needs your help now.



Telecommunications tower against blue sky

The transcript of my exchange with the UN Secretary-General of 14 May 2018 follows.

[Start of transcript]

Staff member: *Mr. Secretary-General*

U.N. staff have repeatedly been told that they are the most important resource of this Organization.

Since December 2015, the staff here at the Vienna International Centre have been exposed to off-the-scale electromagnetic radiation from WiFi and mobile phone boosters installed on very low ceilings throughout the buildings. Current public exposure levels are at least one quintillion times (that's 18 zeros) above natural background radiation according to Professor Olle Johansson of the Karolinska Institute in Sweden.

The highly dangerous biological effects of EMFs have been documented by thousands of studies since 1932 indicating that we may be facing a global health catastrophe orders of magnitude worse than those caused by tobacco and asbestos.

Mr. Secretary-General, on the basis of the Precautionary Principle, I urge you to have these EMF-emitting devices removed immediately and to call a halt to any rollout of 5G at UN duty stations, because it is designed to deliver concentrated and focused electromagnetic radiation in excess of 100 times current levels in the same way as do directed energy weapons.

In line with the UN Guiding Principles on Business and Human Rights, to "Protect, Respect and Remedy", 5G technologies MUST be subjected to an independent health and safety assessment before they are launched anywhere in the world.

There is currently an international appeal (<https://www.emfscientist.org/index.php/emf-scientist-appeal>) signed by 237 EMF scientists from 41 nations urging the UN and particularly the WHO to exert strong leadership in fostering the development of more protective EMF guidelines, encouraging precautionary measures, and educating the public about health risks, particularly risk to children and fetal development.

Mr. Secretary-General, we have a unique opportunity here at the UN Office at Vienna. Since our medical records are digitized, you have the possibility of releasing data on a closed population exposed to off-the-scale levels of electromagnetic radiation to establish if there have already been abnormal health consequences for the UN staff here in the last 28 months.

I urge you to do so and stop any 5G rollout in these buildings immediately.

Thank you.

UN Secretary-General: Sorry, because you are talking to someone who is a little bit ignorant on these things. You're talking about the Wi-Fi systems?

Staff member: On the ceilings of these buildings, Wi-Fi boosters and cell phone boosters were installed without consultation, without information to staff in December 2015. Now, if you understand electromagnetic radiation, the signal is – if you cannot get a signal from your mobile

phone, the signal goes to maximum strength and that then bounces off metal walls affecting the body multiple times at maximum exposure levels. So the situation here is extremely dangerous. I have heard anecdotally of many people who have had health problems. I don't know if they are related but the Precautionary Principle would dictate that we use our medical records to look into this and that we remove these dangerous devices immediately. Thank you.

UN Secretary-General: Well, I'm worried because I put those devices in my house. [Laughter & applause]

Staff member: Not a good idea!

You Deserve To Know The Truth, And You Must Know How To Defend Yourself From Your Own Government And Those Who Really Control It

UN Secretary-General: This I will have to – I confess my ignorance on this but I'm going to raise this with WHO [World Health Organization] – which I think is the organization that might be able to deal with it properly for them to put someone – their staff or organizations to work on that because I must confess I was not aware of that danger – [humorously] to the extent that I put those things in the rooms of my house – in the ceiling.

Staff member: I would suggest that everybody start looking into this issue and particularly into 5G, which 237 scientists from 41 countries consider a threat that is far worse than the tobacco and asbestos threats of the past.

UN Secretary-General: Well, maybe I have learned something completely new. I hope it will be very useful to me but I confess it is the first time I hear about it.

[End of transcript]

About the Author

Claire Edwards, BA Hons, MA, worked for the United Nations as Editor and Trainer in Intercultural Writing from 1999 to 2017. Since May 2018, she has collaborated with Arthur Firstenberg to publish the International Appeal to Stop 5G on Earth and in Space (www.5gspaceappeal.org). The Appeal has attracted over 30,000 individual and group signatories from 100 countries, but still needs to reach many more people.

The views expressed in this article are those of the author and do not necessarily represent the views of the authors of the **Stop 5G Appeal**.

Donations are urgently needed to publicize the **Stop 5G Space Appeal** further and educate people throughout the world about the threat from 5G, especially from 5G satellites, set to begin operation as of June 2019 and blanket the Earth with 5G, from which there would be no escape for any living organism anywhere on the planet (www.5gspaceappeal.org/donate/)

Claire Edwards can be contacted at stop5gappeal@protonmail.com. Arthur Firstenberg can be contacted at spaceappeal@fastmail.fm or www.5gspaceappeal.org/contact/.

The Appeal is available in Chinese ([中文](#)), Japanese ([日本語](#)), Croatian ([Hrvatski](#)), Czech ([Český](#)), Danish ([Dansk](#)), Finnish ([Suomi](#)), French ([Français](#)), German ([Deutsch](#)), Greek ([Ελληνική](#)), Hungarian ([Magyar](#)), Italian ([Italiano](#)), Norwegian ([Norsk](#)), Polish ([Polski](#)), Portuguese ([Português](#)), Romanian ([Română](#)), Russian ([Русский](#)), Serbian ([Српски](#)), Spanish ([Español](#)) and Turkish ([Türkçe](#)) and will soon also be available in Dutch, Macedonian, Mongolian, and Swedish (www.5gspaceappeal.org/the-appeal/). We are seeking volunteer translators for other languages.

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[2] "Electrosensitive Testimonials." We Are The Evidence. 2018. Accessed January 1, 2019. <http://wearetheevidence.org/adults-who-developed-electro-sensitivity/>. "WATE intends to expose the suppressed epidemic of sickness, suffering and human rights crisis created by wireless technology radiation; elevate the voice of those injured; defend and secure their rights and compel society and governments to take corrective actions and inform the public of the harm."

[3] Glaser, Lt. Z. "Cumulated Index to the Bibliography of Reported Biological Phenomena ('effects') and Clinical Manifestations Attributed to Microwave and Radio-frequency Radiation: Report, Supplements (no. 1-9)." *BEMS Newsletter* B-1 through B-464 (1984). Accessed January 1, 2019. <http://www.cellphonetaskforce.org/wp-content/uploads/2018/06/Zory-Glasers-index.pdf>. Lt. Zorach Glaser, PhD, catalogued 5,083 studies, books and conference reports for the US Navy through 1981.

[4] "Space Sustainability: A Practical Guide." *Secure World Foundation*, 2014, 21. Accessed January 1, 2019. https://swfound.org/media/206289/swf_space_sustainability-a_practical_guide_2018_1.pdf.

"However, as more countries integrate space into their national military capabilities and rely on space-based information for national security, there is an increased chance that any interference (either actual or perceived) with satellites could spark or escalate tensions and conflict in space or on Earth. This is made all the more difficult by the challenge of determining

the exact cause of a satellite malfunction: whether it was due to a space weather event, impact by space debris, unintentional interference, or deliberate act of aggression.”

[5] “Space Law: Liability for Space Debris.” Panish, Shea & Boyle LLP. 2018. Accessed January 1, 2019. <https://www.aviationdisasterlaw.com/liability-for-space-debris/>. “Filing a lawsuit against SpaceX for space debris is a little different than one against the commercial industry or state-sponsored launch. Since SpaceX is a private company, injured parties can file claims directly against the establishment in accord with the state’s personal injury laws. For the claim to be successful, the plaintiff will have to prove that SpaceX was negligent in some way that caused the space debris collision. Space law is notoriously complex, making it very difficult for injured parties to recover for [sic] their damages in California.”

[6] Von Der Dunk, Frans G. “Liability versus Responsibility in Space Law: Misconception or Misconstruction?” University of Nebraska-Lincoln College of Law: Space, Cyber, and Telecommunications Law Program Faculty Publications 21 (1992). Accessed January 1, 2019. http://digitalcommons.unl.edu/spacelaw/21/?utm_source=digitalcommons.unl.edu/spacelaw/21&utm_medium=PDF&utm_campaign=PDFCoverPages.

[7] Kessler, D. J., P. M. Landry, B. G. Cour-Palais, and R. E. Taylor. “Aerospace: Collision Avoidance in Space: Proliferating Payloads and Space Debris Prompt Action to Prevent Accidents.” *IEEE Spectrum* 17, no. 6 (1980): 37-41.

[8] Morgan, L. Lloyd, Santosh Kesari, and Devra Lee Davis. “Why Children Absorb More Microwave Radiation than Adults: The Consequences.” *Journal of Microscopy and Ultrastructure* 2, no. 4 (December 2014): 197-204. Accessed January 1, 2019. <https://www.sciencedirect.com/science/article/pii/S2213879X14000583>. Highlights: (1) Children absorb more microwave radiation (MWR) than adults. (2) MWR is a Class 2B (possible) carcinogen. (3) The fetus is in greater danger than children from exposure to MWR. (4) The legal exposure limits have remained unchanged for decades. (5) Cellphone manuals warnings and the 20 cm rule for tablets/laptops violate the “normal operating position” regulation.

[9] *Electro Hypersensitivity: Talking to Your Doctor*. PDF. Canadian Initiative to Stop Wireless, Electric, and Electromagnetic Pollution. <http://weepinitiative.org/talkingtoyourdoctor.pdf>.

[10] *FCC Chairman on 5G: “We won’t study it, regulate it, have standards for it.”* Youtube. June 20, 2016. Accessed January 1, 2019. www.youtube.com/watch?v=Bwgwe01SIMc. Notes in video: Ultra-high frequency radiation (24 to 100 GHz or more); aimed and amplified signals; massive deployment of towers; worth billions; no standards, no testing; sharing with satellite and military operations; all areas (including rural areas) to be saturated with radiation; all local deployments to be fast-tracked; everything to be microchipped.

[11] Dariusz Leszczynski, PhD. “Is ICNIRP Reliable Enough to Dictate Meaning of Science to the Governmental Risk Regulators?” *Between a Rock and a Hard Place* (blog), April 8, 2018. Accessed January 2, 2019. <https://betweenrockandhardplace.wordpress.com/type/gallery/>.

“The major problems of ICNIRP are: (1) it is a “private club” where members elect new members without need to justify selection; (2) lack of accountability before anyone; (3) lack of transparency of their activities; (4) complete lack of supervision of its activities; (5) skewed science evaluation because of the close similarity of the opinions of all members of the Main Commission and all of the other scientists selected as advisors to the Main Commission.”

[12] Matthes, Rüdiger. “EMF Safety Guidelines: The ICNIRP View.” *International Telecommunications Union Workshop on Human Exposure to Electromagnetic Fields*, May 9, 2013. Accessed January 1, 2019.

<https://www.itu.int/en/ITU-T/climatechange/emf-1305/Documents/Presentations/s2part1p1-RuedigerMatthes.pdf>.

[13] ITU Telecommunication Development Sector Study Group 2: Session on Modern Policies, Guidelines, Regulations and Assessments of Human Exposure to RF-EMF. *Session 1: Recent Activities on Human Exposure to RF-EMF in ITU and ICNIRP*, Geneva, Switzerland. October 10, 2018. Accessed January 2, 2019. www.itu.int/en/ITU-D/Study-Groups/2018-2021/Pages/meetings/session-Q7-2-oct18.aspx. “Session 1 will discuss some of the recent activities held in ITU and describe the latest updates to the ICNIRP (International Commission on Non-Ionizing Radiation Protection) guidelines.”

[14] Martin L. Pall, PhD, Professor Emeritus of Biochemistry and Basic Medical Sciences, Washington State University. *Response to 2018 ICNIRP Draft Guidelines and Appendices on Limiting Exposure to Time-Varying Electric, Magnetic and Electromagnetic Fields (100 KHz to 300 GHz)*. October 8, 2018. Accessed January 2, 2019.

www.5gexposed.com/wp-content/uploads/2018/10/FINAL-Martin-L-Pall-Response-to-2018-Draft-Guidelines-8.10.18.pdf.

[15] Cooperation Agreement Between The International Criminal Police Organization Interpol and The International Telecommunication Union. Plenipotentiary Conference (PP-18) Dubai 29 October–16 November 2018. Accessed January 2, 2019. https://www.itu.int/dms_pub/itu-s/md/18/pp/c/S18-PP-C-0047!!MSW-E.docx. “2. In implementing the Agreement, each Party shall act within their respective areas of competence. More specifically, the implementation of the Agreement by ITU shall not exceed beyond its mandate pertaining to building confidence and security in the use of ICTs, in accordance to Plenipotentiary Conference Resolution 130 (Rev. Busan, 2014) and to its role on child online protection in accordance to Plenipotentiary Conference Resolution 179 (Rev. Busan, 2014), whereas the implementation of the Agreement by INTERPOL shall not exceed its mandate as defined by article 2 of its Constitution which include activities pertaining to cybercrime and online child exploitation”. (emphasis added)

[16] Hallmann C.A., M. Sorg and E. Jongejans. “More than 75 per cent decline over 27 years in total flying insect biomass in protected areas.” *PLOS One* 12, no. 10 (2017): e0185809.

<http://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0185809&type=printable>. Accessed January 1, 2019.

[17] Laville, Sandra. "Millions of Trees at Risk in Secretive Network Rail Felling Programme." *The Guardian*, April 29, 2018. Accessed January 1, 2019.

<https://www.theguardian.com/business/2018/apr/29/millions-of-trees-at-risk-in-secretive-network-rail-felling-programme>.

[18] May, Todd. "Would Human Extinction Be a Tragedy?" *The New York Times*, December 17, 2018. Accessed January 1, 2019.

<https://www.nytimes.com/2018/12/17/opinion/human-extinction-climate-change.html>

[19] Davis, Nicola. "Falling total fertility rate should be welcomed, population expert says: figures showing declining birth rates are 'cause for celebration', not alarm." *The Guardian*, December 26, 2018. Accessed January 3, 2019.

www.theguardian.com/world/2018/dec/26/falling-total-fertility-rate-should-be-welcomed-population-expert-says.

[20] "Planet Earth: Worldwide 5G Radiation from Orbit?" Letter from Claus Scheingraber, Roland Wolff and others to Elon Musk. June 18, 2018. Brunenthal, Germany. "... We are sure that your satellite project is already at an advanced stage. But even if much money has been invested, one should consider that it is only a matter of time until the fact of damaging health potential of mobile communications – and especially of 5G-mobile communication – can no longer be overlooked. Therefore we emphatically recommend not to implement the satellite project." ([Letter in German](#)) ([Letter in English](#))

Disclaimer: This article is not intended to provide medical advice, diagnosis or treatment. Views expressed here do not necessarily reflect those of Waking Times or its staff.

In presenting the evidence coming from various sectors of the culture, we have been looking at every aspect of the 5G system. The telecommunications industry have invested \$59-billion dollars, and have gone to considerable length to block resistance, influence legislation, and to deceive the public of the risk to humanity in implementation of 5G technology. I have myself invested in several books on the subject, and to determine whether there is anything that we can do to eliminate or minimize its effects. I am not encouraged from what I am reading.

The global deployment of the fifth-generation wireless network,(5G) constitutes an experiment on humanity and the environment that is nothing less than a crime under international law. Yet the subject of the enormous dangers of the imminent and rapid deployment of 5G technology was not mentioned when world leaders gathered earlier this month in Poland for the UN 'Earth' conference.

An inconvenient truth perhaps that our leaders could argue was not part of the overall subject in Poland of the well-being of the Earth and all its inhabitants. Give me a break.

In Poland details of an important scientific report, commissioned by the UN, were released that stated the world has under 12 years to drastically cut emissions to avert catastrophe – that appeared to create a sense of urgency causing this closing statement. “To waste this opportunity in [Poland] would compromise our last best chance to stop runaway climate change,” UN Secretary General Antonio Guterres said. “It would not only be immoral, it will be suicidal.”

What is more suicidal, insane is a more appropriate word, is not to address the terrible impact on the Earth of the introduction of 5G. Some of the world’s largest companies, with the support of their governments, are poised, over the next two years, to roll out 5G. This is set to deliver what is acknowledged to be “unprecedented societal change” on a global scale.

As if that will not increase the potential in future for more cyber-attacks by States and potentially terrorist organizations as well as further contribute to the ever emerging disturbing social networks consequences of ‘people manipulation’ by huge corporations and States led by mainly psychopathic and inept political leaders.

The writer Aldous Huxley imagined such forms of ‘technological progress’ in his famous book *‘Brave New World’* written nearly a 100 years ago. The late Stephen Hawkins before he died said the greatest threat to mankind was artificial intelligence (AI) – well 5G is the road that will eventually lead us to AI domination.

5G will bring us “smart” homes, “smart” businesses, “smart” highways, “smart” cities and self-driving “smart” cars. Virtually everything we own and buy, from TVs to refrigerators and washing machines to milk cartons, hairbrushes and infants’ nappies, 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 wireless communications from any point on the planet, even in rainforests, mid-ocean and the Antarctic.

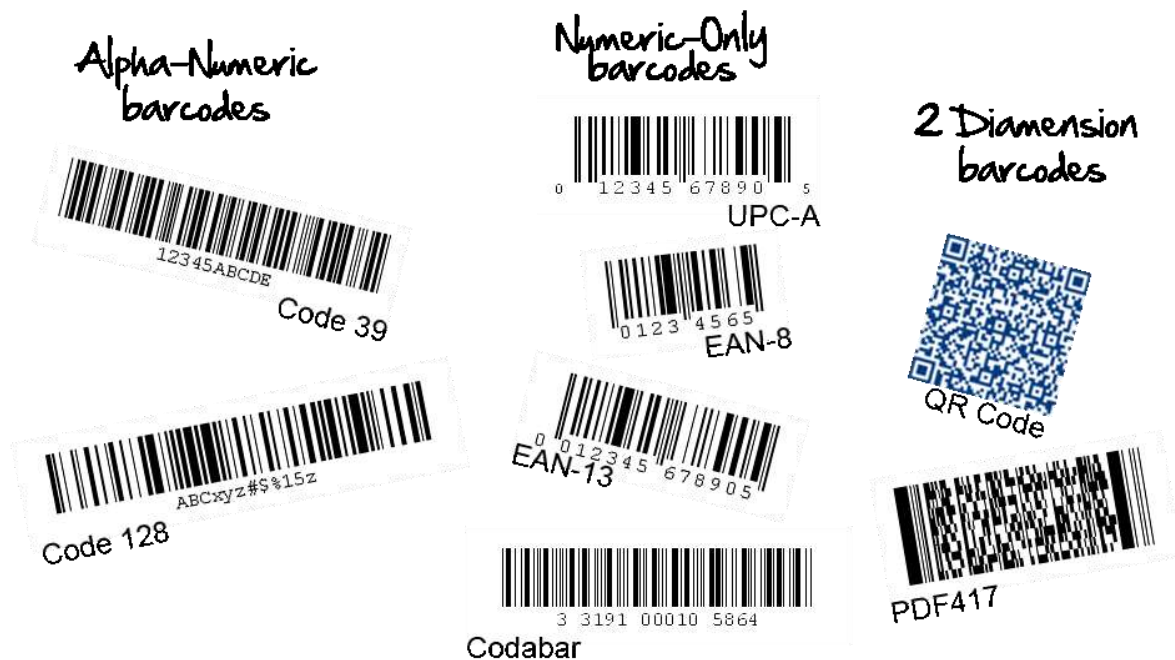
Never forget that this is a ‘two way street’ in that those countries who control the satellites basically will incredibly control all people on Earth; an almost unimaginable prospect. This will allow the ultimate potential for the manipulation of the entire world’s populace by essentially only ‘Super Power’ countries, dominated by American corporations who seem led by, what has become the acknowledged term, ‘the Deep State’ and not by the American President. Trump cannot get his own Administration to heed his orders, witness the supposed Syrian troop withdrawal as being but one example.

The planned density to achieve global 5G of radio frequency transmitters is unfathomable. In addition to millions of new 5G base stations on Earth and 20,000 new satellites in space, an estimated 200 billion “transmitting objects”, will be part of the Internet of “things” by 2020, and one trillion further “things” a few years later.

Commercial 5G at lower frequencies and slower speeds was deployed in Qatar, Finland, and Estonia in mid-2018. The rollout of 5G at extremely high (millimeter wave) frequencies has now begun this month making the immediacy to reverse this plan absolutely essential.

Despite widespread denial, the evidence that radio frequency (RF) radiation is harmful to life is already overwhelming established. 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 5G is implemented, 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. It becomes feasible and practical to implement the common UPC barcode in linking this global dragnet network!



The above illustration samples of the (UPC) **Universal Product Code** are a small sampling of at least two dozen different bar codes developed for the purpose of product identification. Below is a chart of diverse examples incorporating the basic design built around the structure where “666” or inverted “999”. Every device you see with one of these many bar codes indicates it is a transceiver (a device that transmits or receives electronic signals); and as such will be wirelessly part of the 5G telecommunications network. To say this is significant is an understatement.

No one will be left out of this “space” dragnet. If you have a single cell phone, a Wi-Fi router for your smart television or remote fax machine, printer, personal computer, lap top, or smart appliances, refrigerator, washers and dryers, then you are included. There will be no exemptions, ALL, will be included. Most folks will be required to pay for their own upgrade for a 5G compatible Wi-Fi router. The telecommunications will offer inducement of free installation of 5G. One company, Verizon, has priced it at \$79.95 a month with free installation.

The Verizon promotion price is just the beginning. The customer will need to fork up for a new 5G cell phone, with a base price of approximately \$1,000 per phone. Folks who have attended technology conventions are reporting that the telecommunications industry have set 2025 as their mark point for 50% coverage of the U.S. The deadline for completion has been set for 2030.

Each 5G phone will contain dozens of tiny antennas, all working together to track and aim a narrowly focused beam at the nearest cell tower. In America, the U.S. Federal Communications Commission (FCC) has permitted the effective power of those beams to be as much as 20 watts, ten times more powerful than the levels permitted for current phones using 3G and 4G.

At least five international companies, including defense companies like Boeing, are proposing to provide 5G from space from a combined 20,000 satellites in low and medium Earth orbit that will blanket the Earth with powerful, focused, steerable beams.

The alteration of the Earth’s electromagnetic environment may be an even greater threat to life than the radiation from ground-based antennas where the harmful effects of radio frequency radiation have already been proven.

The World Health Organization’s International Agency for Research on Cancer (IARC) produced recently overwhelming evidence, including the latest studies on cell phone use and brain cancer risks, indicating that RF radiation is proven carcinogenic to humans and should now be classified as a “Group 1 carcinogen” along with tobacco smoke and asbestos.

As dramatic as it sounds, the deployment of 5G satellites and their accompanying earth stations must be stopped now.

This is a last chance situation so people must take to the streets all over the world, as they did in Paris, and force, or change, their governments.

2019 could be the year of revolutions as we the people become ever increasingly disenchanted with our incompetent and, in most cases, corrupt bureaucrats and politicians along with hopeless and useless world institutions like the UN and the EU.

I have been reading Dr. Jonathan Halpern’s book *‘Electromagnetic Radiation Survival Guide’*. Dr. Halpern first became aware of the adverse effects of Electromagnetic Radiation

(EMR) when he started using his first cell phone in the late 1990's. He discovered that he was Electro Hypersensitive (EHS) long before he knew the term actually existed. I learned that I was Electro Hypersensitive in the Army. When I came into close contact with a field compass or walked into a room when a television was on, my presence would cause static on the television picture tube. Manufacturers of televisions subsequently modified their TV's to eliminate the problem.

"The 5G rollout is absolutely insane." ~ Dr. Martin Pall addressing the NIH

"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."

~ Prof. Trevor Marshall, Director Autoimmunity Research Foundation, California

"The plans to beam highly penetrative 5G milliwave radiation at us from space must surely be one of the greatest follies ever conceived of by mankind. There will be nowhere safe to live."

~ Olga Sheean former WHO employee and author of No Safe Place

It is already clear from over 10,000 studies on 2G, 3G, and 4G that these wireless network radio frequency (RF) radiation network systems are causing significant acute and chronic health problems, including life-threatening diseases such as cancer, heart disease, type-2 diabetes, and mental disturbances, such as depression, anxiety, and increased suicidal tendencies.

Beyond the statements of informed individuals decrying the 5G "rollover", there are also major organizations warning of its dangers. The International Appeal to Stop 5G on Earth and in Space currently boasts approximately 31,300 signatories as of January 11th, 2019. They write:

"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."

Even before 5G was proposed, dozens of petitions and appeals[i] by international scientists, including the Freiburger Appeal signed by over 3,000 physicians, called for a halt to the expansion of wireless technology and a moratorium on new base stations.[ii] In 2015, 215 scientists from 41 countries communicated their alarm to the United Nations (UN) and World Health Organization (WHO).[iii] They stated that "numerous recent scientific publications have shown that EMF [electromagnetic fields] affects living organisms at levels well below most

international and national guidelines". These concerns have a strong scientific foundation. More than 10,000 peer-reviewed scientific studies demonstrate harm to human health from RF radiation.[iv] [v]

These wise statements, while accurate on one level, are missing the larger point. There is a plan, within the next two years, to launch 20,000 satellites to beam 5G onto the planet. This new attack on life on Earth would cause a disruption of the earth's primary harmonic frequency called the Schumann Resonance. When this harmonic resonance is disrupted, it is likely to cause and activate more physical and biological mechanisms for creating even more human health problems.

Since there's not a lot of understanding about the Schumann Resonance, a little bit of background will help the discussion. The Schumann Resonance is a frequency generated from the wave resonance of the lower part of the ionosphere and the earth. The ionosphere has several different layers and is a shell of electrons and electrically charged atoms and molecules that surrounds the earth. It stretches from a height of about 50 km (31 miles) to 1,000 km (620 miles). The most relevant layer is the D-layer, which is the innermost layer at about 37-56 miles above Earth's surface. It's between the earth and the D-layer where there's a resonance that is set up that creates the Schumann Resonance. There is a significant amount of research on the topic. In a paper by Neil Cherry published in July of 2002, he writes, "A large number of studies have identified significant physical, biological, and health effects associated with changes in solar and geomagnetic activity (S-GMA)."

The Schumann Resonance is a geomagnetic electric resonance between the surface of the earth and the lower levels of the ionosphere, which has a natural ultra-low frequency and extreme low-frequency signal. They are discovering that the Schumann Resonance signal is correlative with sunspot numbers and has a real physical mechanism located in the D-layer of the ionosphere with an ion and electron density that varies with the S-GMA. The Schumann Resonance would be potentially disrupted by 20,000 5G satellites put into orbit in the D-region of the ionosphere, as this D-region forms the upper boundary of the resonant cavity in which the Schumann Resonance is formed in relation to the earth. Research suggests that the Schumann Resonance signals are the mechanism through which melatonin production is activated. When the Schumann Resonance goes above 7.87 Hz, there is a decrease in melatonin secretion.

Many feel that the Schumann Resonance is already being altered by all the radio-frequency/microwave (RF/MW) radiation humans are presently creating, and 5G will alter it significantly more. In the process, the 5G may also be creating enough electro-pollution noise, whether or not it is raising the Schumann Resonance frequency, and therefore disconnecting humanity from accessing the Schumann Resonance itself, and, thus, creating and/or amplifying a variety of acute and chronic disease problems documented in over 10,000 scientific papers that come from these 2G, 3G, and 4G frequencies.

The Schumann Resonance is essentially the pulse of the heart of the earth, to which our hearts and brains are specifically attuned with. It is highly likely it will be disrupted by 5G satellites, and thus would disrupt the basic harmonic of all life on the planet. The Schumann Resonance particularly resonates with our brains and hearts. This fact takes us to the heart of the matter. Basically, the electromagnetic field generated by the heart is evolutionarily tuned to 7.83 Hz. As this frequency potentially changes due to the increase in RF/MW radiation, it would most likely create problems in human health. This research needs to be done before 5G, and, particularly, 5G beamed from satellites is installed. This is basic health safety research. The Schumann Resonance is a planetary tuning fork to which all lifeforms on the surface of our planet are tuned. In essence, the physical, emotional, mental, and spiritual bodies and minds would be highly likely to be affected as the Schumann Resonance is disrupted.[vi] [vii] If it continues to rise in frequency due to the 5G (100 times more intense than current microwave), these human-made electromagnetic fields will create electromagnetic chaos. The increase of the Schumann Resonance above 7.83 Hz would increase the chaos within all biological organisms on the planet.

Researchers have shown that there is a key connection between the Schumann Resonance and the brain's alpha states (frequencies between 8 Hz – 12 Hz). Many researchers, such as Dr. Konig, from Munich University, have shown a correlation between Schumann Resonance and brain rhythms. Alpha states are the brainwave frequency at which thinking and creativity are associated. Alpha brainwaves are associated with overall mental and body/mind coordination, alertness, and learning. These are core human functions, which may eventually express problematically as discordant psychological states.

The good news is that as long as the properties of the earth's electromagnetic cavity, which holds the Schumann Resonance remain the same, we will remain in harmony with the Schumann Resonance and with the earth. The Schumann Resonance also helps the human biological system to become synchronized with the daily rhythmic cycles of the earth and melatonin production. According to Dr. Cherry's research, as we disrupt the Schumann Resonance, including raising the potential frequency above 7.83 Hz through a variety of ways, we decrease melatonin secretion, which decreases our ability to be in harmony with the earth's daily rhythmic cycles. Specifically, when there is an alteration, such as changes in S-GMA activity, ill effects follow such as altered blood pressure; reproductive, immune system, cardiac and neurological problems; mental disorders, depression, and suicide; increase hospital admissions, accidents, and sudden death; as well as other stress-related conditions. These electromagnetic disruptions and their negative health effects are not new, but 5G is one hundred times more potent in moving in that direction and will likely result in an increase in cancer, heart disease, depression, and other diseases. We already see epidemics in all these areas, as well as in type-2 diabetes. In *There Is a Cure for Diabetes*, this form of electromagnetic RF/MW radiation caused type-2 diabetes is well documented.

The awareness of the Schumann Resonance helps us to see the real cosmic interconnectedness of all of us humans, animals, plants, the planet earth, and the sun and moon. EMF and EMFR reduce melatonin secretion in animals and people. Once we understand

that, it helps us examine at least one mechanism for why, indeed, we are seeing so many health problems. Melatonin is a vital natural neuro-hormone that regulates the daily circadian rhythm in mammals. Melatonin is the most potent known antioxidant; it has also been shown to protect against various forms of cancer. The pineal gland's production of melatonin rises at night, and the melatonin is carried by the circulation system throughout the body, passing through the cell membrane and scavenging free radicals in the cell in order to protect the DNA. Melatonin also has many other vital functions involving the assistance of the immune system to maintain its immune-competence, and it regulates sleep activity including aspects of REM sleep and sleep efficiency. Reduced melatonin production causes many serious biological effects in humans and other mammals, including chronic fatigue, sleep disturbance, DNA damage leading to cancer, cardiac, reproductive and neurological diseases, and mortality. Melatonin reduction is also associated with arthritis, depression, and suicide, seasonally affective disorder (SAD), miscarriage, sudden infant death syndrome (SIDS), schizophrenia, Alzheimer's disease, and Parkinson's disease. Multiple independent studies have found that electromagnetic fields reduced melatonin in animals and human beings. The scientific evidence includes correlations with altered geomagnetic activity reducing human melatonin, through the Schumann Resonance signal effect. The level of evidence exceeds requirements for a causal link, strongly suggesting that melatonin production caused by electromagnetic fields and radiation exposure contributes significantly to the allocation of many adverse health effect rates.[viii]

All life has adapted over time to live in the electromagnetic frequencies of the Schumann Resonance, somewhere between 7.83 and 8 Hz. When we move away from this biologically attuned resonance field, it is highly likely to result in disorganization of our electrophysiology. This means that if you are susceptible to some of these frequencies, you may begin feeling "unusual stress, mental confusion, forgetfulness, unusual or repetitive thoughts and mood swings, periods of diminished hearing and eyesight, sudden onset of unexplained neurological problems and sharp pains shooting into head, as well as symptoms that mimic mental illness; depression, split personality disorder, and paranoid schizophrenia.[ix] The 5G frequencies have already been shown potentially to literally have a mass effect on mental functions in the populace. This has obvious serious negative spiritual implications because if you don't have a functioning brain it is very hard to access our soul connection and evolve spiritually on the planet from a spiritual point of view. An additional worry held by many anti-globalists is that the globalist elites will use 5G, in a high percentage of cases, to keep everyone's brainwaves in a range that prevents critical thought processing, and thus keeping people in the brainwave range that favors their agenda, for example, an emotional, slow, or hysteric state of thought — all depending on what they want the population to think. We need to understand that 5G will greatly amplify these mind control mechanisms that have already been proven to exist and be effective scientifically.

Research in the last 20 years shows that ELF electromagnetic fields affected the way calcium ions move in brain tissue and the way this affects the cells' inner workings. The more permeable blood/brain barrier, which will happen with the 5G, a greater amount of toxins can enter the brain. The opening of the blood/brain barrier and calcium leakage is also associated with oxidative damage to the neurons; and it also breaks up the DNA structure. All of this is

already associated with electro-smog, dirty electricity, electrical pollution, and electrical hypersensitivity, which is seen in many patients.

In addition to this, the 5G frequency is connected to the 60 GHz millimeter-wave band — 5G applications will require unlocking of new spectrum bands in higher frequency ranges above 6 GHz to 100 GHz and beyond (5G is to start initially with sub-6 GHz moving as quickly into 6GHz and above as the network advancement allows). This will allow the utilization of sub-millimeter and millimeter waves to allow ultra-high rates of data to be transmitted in the same amount of time as compared with previous deployments of RF/MW radiation. 5G represents a massive step up from 3G at 1.8-2.5 GHz, and 4G at 2-8 GHz, placing it well within the microwave category. This frequency is miles away from the natural resonance of 8Hz that our bodies are accustomed to, and far, far above current EMF levels (which are already damaging enough). High-frequency 60 GHz 5G has already been shown to interfere with the oxygen molecules we breathe. Joe Imbriano has studied the molecular level of impact 5G will have and made an alarming discovery — 5G's 60 GHz bandwidth was selected for a specific reason. Imbriano thinks this reason may be to negatively affect the oxygen we breathe as part of a population control mechanism: "60 GHz is the frequency of oxygen molecule absorption. Oxygen molecules have electrons that they share with each other, oxygen is a diatomic molecule. What we breathe are two oxygen molecules bonded together with the electrons that they share." When the oxygen molecule is hit with 60GHz 5G waves, these waves affect the orbital resonance properties of those shared electrons. It is those shared electrons that bind to the hemoglobin in our blood. In addition to disrupting oxygen absorption, 5G will alter the iron and magnetite function respectively of the hemoglobin and pineal gland. Hemoglobin and the pineal gland have a magnetic compound within them. The magnetic field disruption is already happening, but, with 5G, this disruption will be more seriously amplified. Hemoglobin is a very complex ferromagnetic compound. If we interfere with the orbital spin properties of diatomic oxygen's (O₂) electrons via 5G, our ability to absorb oxygen will be significantly hampered, creating slow suffocation. Because of this additional factor, with or without 5G, people should avoid 60 GHz Wi-Fi systems in any case. At 60 GHz the frequencies also impair the body's ability to produce vitamin D and melanin. In this context, 5G and the 60 GHz delivery system is an overt attack on the human body.

Most living organisms are naturally equipped to deal with low-level environmental frequency exposure. For example, a ferromagnetic compound called magnetite is naturally present in the brain that absorbs frequencies up to 12 GHz, which shields the brain from such radiation. However, beyond 12 GHz this natural defense is rendered ineffective; our biology hasn't made provisions for a frequency exposure as abnormal as 5G at 60 GHz will be, which is well above 12 GHz and beyond.

In summary, we've been given a story of how good it is that we can 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. We're being told that this is a good thing, but it's not if we value our

physical, mental, moral, and spiritual health. In other words, no matter how “ultra-convenient” these ultra “smart” devices, agreeing to be seduced by the promises of convenience is potentially not too smart. What isn’t acknowledged in all this media hype is that this technology may present as an unprecedented negative environmental effect. The planet, plants, animals, humans, and all life on Earth is in jeopardy. With millions of new 5G base stations, also known as cell towers or small cells, from Earth, and 20,000 new satellites from space simultaneously beaming hundreds of times more powerfully focused RF/MW radiation of pulse modulated millimeter waves, with a much higher absorption rate than 4G/3G/2G centimeter waves, through walls, trees, and human bodies day and night, we’re talking about an estimated of 200 billion transmitting objects, which will be part of the Internet of Things (IoT) by 2020. This could be a large-scale and complete disaster for the human race. Part of what the globalists are trying to do is deny that there’s a problem with non-ionizing frequencies, even though, as already stated, more than 10,000 papers are saying there are indeed multiple levels of health problems. According to the actual scientific research, there’s clear evidence of damage of DNA, cells, and organs in a wide variety of ways and increased disease processes, including cancer, heart disease, diabetes, and a host of electromagnetic diseases. If 5G comes to fruition, no person, no animal, and no plant will be able to avoid the 24/7 exposure to levels of RF/MW radiation that are at least 100 times greater than current levels. 5G will threaten to provoke severe and irreversible effects in humans and also damage to all of Earth’s ecosystems.

The potential or actual disruption of the Schumann Resonance effect on all life on the earth and also our atmosphere is an important additional insight into the whole picture of how we’ll be susceptible to a variety of illnesses from 5G. In order to transmit the enormous amounts of data required for the Internet of Things (IoT), 5G technology, when fully deployed, will use millimeter waves, which are poorly transmitted through solid material. This will require every carrier to install base stations every 100 meters[x] in every urban area in the world. Unlike previous generations of wireless technology, in which a single antenna broadcasts over a wide area, 5G base stations and 5G devices will have multiple antennas arranged in “phased arrays”[xi] [xii] that work together to emit focused, steerable, laser-like beams that track each other. Each 5G phone will contain up to dozens of tiny antennas, all working together, to track and aim a narrowly focused beam at the nearest cell tower, which may be less than 25 feet from your home; and those beams will be sent back and forth between the 5G device and the cell tower in order to be able to handle important things like Ultra HD video downloaded in seconds versus minutes for 1,000 people per meter. Unfortunately, the US Federal Communications Commission (FCC) has adopted rules[xiii] permitting the effective power of those beams from a 5G cell phone is to be as much as 20 watts, ten times more powerful than the levels permitted for current phones. Each 5G base station will contain hundreds or thousands of antennas aiming multiple laser-like beams simultaneously at all cell phones and user devices in its service area. This technology is called “multiple input multiple output” or MIMO. FCC rules permit the effective radiated power of a 5G base station’s beams to be as much as 30,000 watts per 100 MHz of spectrum, or equivalently 300,000 watts per GHz of spectrum, an estimated hundreds of times more powerful than the levels permitted for current base stations.

Making potential health problems significantly worse, at least five companies[xiv] are proposing to provide 5G from space from a combined 20,000 satellites in low- and medium-Earth orbit that will blanket the Earth with powerful, focused, steerable beams. Each satellite will emit millimeter waves with an effective radiated power of up to 5 million watts[xv] from thousands of antennas arranged in a phased array. Although the energy reaching the ground from satellites will be less than that from ground-based antennas, it will irradiate areas of the Earth not reached by other transmitters and will be additional to ground-based 5G transmissions from billions of IoT objects. Even more importantly, the satellites will be located in the Earth's magnetosphere, which exerts a significant influence over the electrical properties of the atmosphere including the Schumann Resonance. As previously explained, the alteration of Earth's electromagnetic environment, especially where Schumann Resonance resides, may be an even greater threat to life than the radiation from ground-based antennas.

In conclusion, in 2015, 215 scientists from 41 countries communicated their alarm (about the potential of 5G) to the United Nations (UN) and World Health Organization (WHO).[xvi] They stated that "numerous recent scientific publications have shown that EMF [electromagnetic fields] affects living organisms at levels well below most international and national guidelines". As already stated, more than 10,000 peer-reviewed scientific studies demonstrate harm to human health from RF/MW radiation.[xvii] [xviii] Effects include:

- Alteration of heart rhythm[xix]
- Altered gene expression[xx]
- Altered metabolism[xxi]
- Altered stem cell development[xxii]
- Cancers[xxiii]
- Cardiovascular disease[xxiv]
- Cognitive impairment[xxv]
- DNA damage[xxvi]
- Impacts on general well-being[xxvii]
- Increased free radicals[xxviii]
- Learning and memory deficits[xxix]
- Impaired sperm function and quality[xxx]
- Miscarriage[xxxi]
- Neurological damage[xxxii]
- Obesity and diabetes[xxxiii]
- Oxidative stress[xxxiv]
- Autism[xxxv]
- ADHD[xxxvi] [xxxvii]
- Asthma[xxxviii]
- Negative altered mental states, including increased depression, anxiety, and suicidal tendencies[xxxix]

Damage goes well beyond the human race, as there is abundant evidence of harm to diverse plant- and wildlife[xl] [xli] and laboratory animals, including ants,[xlii] birds,[xliii] [xliv]

forests,[xlv] frogs,[xlvi] fruit flies,[xlvii] honey bees,[xlviii] insects,[xlix]mammals,[l] mice,[li] [lii] plants,[liii] rats,[liv] trees,[lv] and microbes.[lvi]

The Earth and the ionosphere and the lower atmosphere form the Global Electric Circuit in which we live. It is well established that biological rhythms are controlled by Earth's natural electromagnetic environment, which is this global electric circuit. In essence, adding 20,000 5G satellites will further pollute and potentially disrupt the global electric circuit[lvii] [lviii] and could alter the Schumann Resonance,[lix] around which all life on Earth has evolved. By going global with 5G, we are not just talking about human evolution, but all life on planet earth.

It is concerning that at least eleven in international agreements have been violated by 5G implementation. The international agreements for the protection of humanity are being explicitly violated, including:

- The United Nations Convention on the Rights of the Child states that States shall “undertake to ensure the child such protection and care as is necessary for his or her well-being” (art. 3), “ensure... the survival and development of the child” (art. 6) and “take appropriate measures to combat disease... taking into consideration the dangers and risks of environmental pollution” (art. 24(c)).
- The Nuremberg Code (1949) applies to all experiments on humans, thus including the deployment of 5G with new, higher RF/MW radiation exposure that has not been pre-market tested for safety. “The voluntary consent of the human subject is absolutely essential” (art. 1). It is obvious that the majority of the humans exposed to 5G will be involuntary. “No experiment should be conducted, where there is an a priori reason to believe that death or disabling injury will occur” (art. 5). The findings of over 10,000 scientific studies and the voices of hundreds of international organizations representing hundreds of thousands of members who have suffered disabling injury and been displaced from their homes by already-existing wireless telecommunications facilities, are “a priori reasons to believe that death or disabling injury will occur” (see attached Press Release requesting WHO to recognize the already EMF injured globally).
- The Declaration of the United Nations Conference on the Human Environment (1972) has also been violated: “The discharge of toxic substances... in such quantities or concentrations as to exceed the capacity of the environment to render them harmless, must be halted in order to ensure that serious or irreversible damage is not inflicted upon ecosystems” (principle 6).
- The World Charter for Nature (1982) has also been violated: “Activities which are likely to cause irreversible damage to nature shall be avoided... [W]here potential adverse effects are not fully understood, the activities should not proceed” (art. 11).
- The Rio Declaration on Environment and Development (1992) has also been violated: “States have... the responsibility to ensure that activities within their jurisdiction or control do not

cause damage to the environment of other States or of areas beyond the limits of national jurisdiction” (principle 2).

- The United Nations World Summit on Sustainable Development (2002) has also been violated: “There is an urgent need to... create more effective national and regional policy responses to environmental threats to human health” (para. 54(k)).

- The African Convention on the Conservation of Nature and Natural Resources (2017) has also been violated: “The Parties shall... take all appropriate measures to prevent, mitigate and eliminate to the maximum extent possible, detrimental effects on the environment, in particular from radioactive, toxic, and other hazardous substances and wastes” (art. 13).

- The Universal Declaration of Human Rights: “Everyone has the right to life, liberty and security of person” (art. 3).

- The United Nations Global Strategy for Women’s, Children’s and Adolescents’ Health (2016-2030) has as objectives and targets to “transform”, by expanding enabling environments; to “survive”, by reducing maternal and newborn mortality; and to “thrive” by ensuring health and well-being and reducing pollution-related deaths and illnesses.

- The Outer Space Treaty (1967) requires that the use of outer space be conducted “so as to avoid [its] harmful contamination and also adverse changes in the environment of the Earth”(art. IX).

- The United Nations Guidelines for The Long-Term Sustainability of Outer Space Activities (2018): “States and international intergovernmental organizations should address... risks to people, property, public health and the environment associated with the launch, in-orbit operation and re-entry of space objects” (guideline 2.2(c)).

The violation of all those international agreements, given the knowledge of the seriously detrimental physical, emotional, mental, and spiritual effects of 5G, is a serious planetary violation. With the slightest imagination, one can see how the implementation of 5G, going a step further, may actually limit and block spiritual evolution on the planet as it is explicitly detrimental to the higher brain and spiritual function. From an evolutionary spiritual point of view, we are put here on the planet, not to have more electronic convenience play toys, but to evolve spiritually. As is the overall purpose in all the great spiritual teachings, 5G represents a knowledgeable effort by the forces of darkness to limit and to harm the physical, mental, emotional, and spiritual health and evolution of humanity. This knowing rejection of 5G, with 10,000 papers behind it, and several scientific groups and thousands of scientists protesting against 5G needs to be seen in a broader context, beyond harm to physical health. In the bigger picture, many feel 5G is an effort to dominate and limit consciousness and to ultimately decimate human civilization. It would be very difficult in discussing 5G at this spiritual evolutionary level not to see this as a demonic effort, by people who have knowingly chosen to

participate in these blatantly destructive efforts, given the knowledge of 5G that we have today.

What to do? If we care about our families, our children, our grandchildren, and the living planet, then there are a few things we can do.

- Time is of the essence. Since local, state, federal and international action can take time, especially through a judicial process, we must make haste given the urgency and imminent threat of 5G. Therefore, the most powerful thing we can do is from a grassroots, individual level. With key knowledge, the pen is mightier than the sword and paves the way for peaceful solutions. There is an empowering, extremely effective, lawful, extrajudicial process that does not involve the courts that each man and woman can implement now. This process holds accountable the men and women, attempting to hide behind the veils of corporations, US and international governing agencies, responsible for their actions that cause harm, whether 5G, smart meters, mandatory vaccinations, etc.—with quick results. It is called [Uniform Commercial Code [UCC]], or contract law. According to the Federal Tax Lien Act of 1966, all law has been under [UCC] since 1966. All fifty states and all countries in the world operate under [UCC]. When the liability of a [UCC] self-executing extrajudicial judgment outweighs the profits that the CEO's or government officials gain, they are vulnerable to multi-million or multi-billion-dollar liability claims, which can be used to place a lien on them or even shut the company down, no matter how big the company is. A lawful humanitarian activist group called InPowerMovement.com has a proven successful track record in removing toxic Smart Meters worldwide and will have boilerplate documents available in the near future to facilitate a similar halt of 5G. Inhabitants of the United States of America will be the first to use these boilerplate documents. Other countries will follow shortly thereafter. Questions can also be sent via the In Power Movement help desk. If anyone wants to be a group leader, who wants to activate and support these actions locally, they can specify such when they subscribe. Please create your own local 5G awareness groups to spread this information as this lawful educational process is the Achilles Heel of 5G.

- Some 5G base stations have already been installed residentially without consent or knowledge based on “perceived demand”. If people refuse to purchase 5G devices, it will disrupt the 5G rollout from the grassroots level.

- We must urge all regulatory agencies, at local, national, and international levels, to halt the 5G RF/MW radiation expansion until independent scientists can ensure that 5G and the total radiation levels caused by current RF/MW radiation, EMF, and 5G, together with 2G, 3G, 4G, Wi-Fi___33, and Smart Meters are not harmful to all world citizens.

- Recommend that all countries, especially their so-called radiation safety agencies, inform citizens, including teachers and physicians, about the health risks of RF/MW radiation and how and why to avoid, or at least minimize wireless communications.

- Recommend that all countries prohibit the wireless/telecommunications industry through its lobbying organizations from persuading officials to make decisions permitting further expansion of RF/MW radiation, including ground- and space-based 5G.

- Recommend the immediate appointment of international groups of independent impartial EMF and health scientists without conflicts of interest, to establish new international safety standards for RF/MW radiation. This should be done without industry influence. These international standards should not be based solely on thermal effects or power levels, but should also consider non-thermal effects, modulation effects (information riding on a pulsed wave as a form of data communication) that disrupts intra- and inter-cellular data communication with its concomitant negative health effects. There is a growing number of EMF-injured people who are now classified as suffering from electro-hypersensitivity. One decade ago, it was 3%. Now it's close to over 10% of the total global population. 5G, which is exponentially higher than 4G, will undoubtedly, disastrously increase the percentage of the world population of electro-hypersensitivity disability.

- Recommend the appointment, immediately—without industry influence—international groups of scientists with expertise in EMFs, health, biology and atmospheric physics, for the purpose of developing a comprehensive regulatory framework that will ensure that the uses of outer space are safe for humans and the environment, taking into account RF/MW radiation, rocket exhaust gases, black soot, and space debris and their impacts on ozone, the atmosphere and the preservation of life on Earth. Not only ground-based but also space-based technology must be sustainable for adults and children, animals and plants based on scientific, moral, and ethical considerations for the evolution of humanity.

May everyone be blessed with renewed empowered hope to prevent 5G from happening, even though the global powers have made a tremendous effort to make this happen with its horrible undermining influences. Peace, strength, love, and hope to all.

-Rabbi Gabriel Cousens, MD, MD(H), ND

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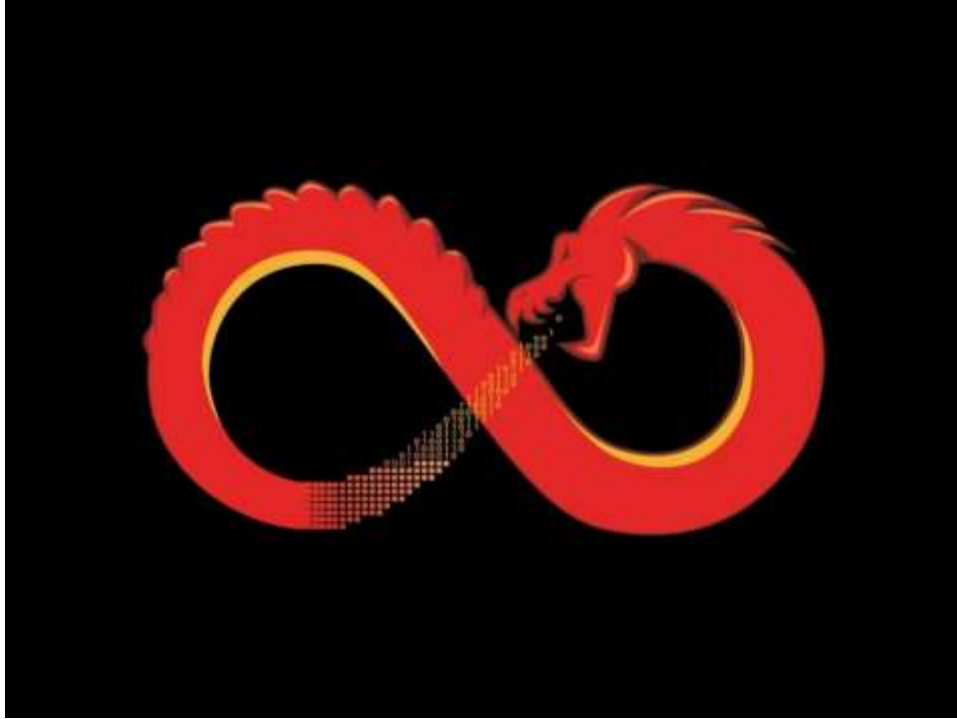
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<http://treeoflifecenterus.com/5g-a-toxic-assault-on-the-planetary-web-of-life/>

Although most of the information in this chapter is technical in nature, and not always fully grasped or understood, it does provide the technical proof that 5G or 5th generation is the invisible but the all-encompassing electronic dragnet that will enslave, irradiate, and destroy life entirely. It is essential in understanding how Lucifer drives the demonic that is weaponized against life. Humanity is in perilous times like never than before. Ephesians 2:2 states: **“Wherein in time past ye walked according to the course of this world, according to the prince of the power of the air, the spirit that now worketh in the children of disobedience:”** John 10:10 tells us: **“The thief cometh not, but for to steal, and to kill, and to destroy: I am come that they might have life, and that they might have it more abundantly.”**

I have been watching and studying the Word of God for 58 years, and in that time, nothing has been more life-threatening than 5G, short of nuclear destruction. Few alive today are aware of the potential Life Extinction Event humanity faces with 5G. Revelation 13:2 says, **“And the beast which I saw was like unto a leopard, and his feet were as the feet of a bear, and his mouth as the mouth of a lion: and the dragon gave him his power, and his seat, and great authority.”** Revelation 13:4 says, **“And they worshipped the dragon which gave power unto the beast: and they worshipped the beast, saying, Who is like unto the beast? who is able to make war with him?”**

Mike Adams, the Health Ranger site reported on March 17, 2019, parents of elementary school students were calling for the removal of a new 5G cell tower outside their children's school. Four elementary school students and three teachers have been diagnosed with cancer. Anyone trying to save the report was blocked from saving the page, and the following day, when going to the site, I got a 404 error message. Clearly, the authorities are trying to block the information from being shared.



We need to pay close attention to the passage of Revelation 13:11-14 as we bring into focus the second Beast of Revelation. ***“And I beheld another beast coming up out of the earth; and he had two horns like a lamb, and he spake as a dragon. And he exerciseth all the power of the first beast before him, and causeth the earth and them which dwell therein to worship the first beast, whose deadly wound was healed. And he doeth great wonders, so that he maketh fire come down from heaven on the earth in the sight of men, And deceiveth them that dwell on the earth by the means of those miracles which he had power to do in the sight of the beast; saying to them that dwell on the earth, that they should make an image to the beast, which had the wound by a sword, and did live.”***

It is this second Beast that is our primary concern, as the text reads: ***“And he had power to give life unto the image of the beast, that the image of the beast should both speak, and cause that as many as would not worship the image of the beast should be killed. And he causeth all, both small and great, rich and poor, free and bond, to receive a mark in their right hand, or in their foreheads: And that no man might buy or sell, save he that had the mark, or the name of the beast, or the number of his name. Here is wisdom. Let him that hath understanding count the number of the beast: for it is the number of a man; and his number is Six hundred threescore and six.”*** -(Revelation 13:15-18)

John, in these verses, prophetically saw the rise of "another beast" - another "kingdom" or political power, that would rise "out of the earth", out of the sparsely populated area. Revelation 12 that this is referring to the rise of America. I'm suggesting that the history indicates that When Lucifer tried to drown the church by the persecuting armies of Europe under the papacy, God opened up dry land in the USA for Jews and Protestants. So Satan tried

to destroy the church by a flood of persecuting peoples that would sweep it away, but the Bible says the church found refuge in an uninhabited wilderness. History is clear. The wilderness which came to the aid of the woman was America. It was America that swallowed up the flood of people immigrating from the Old World.

The Bible says the dragon in time followed the woman to America. In Revelation 13 the Bible focuses on the end time issue of the mark of the beast and the death penalty for refusing false worship. Revelation 13 focuses on the persecution of the remnant. The Bible teaches that the remnant would be the special object of Satan's anger and wrath right before the end.




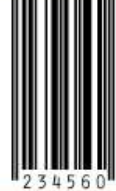




After the persecutions of the Middle Ages, the remnant is pictured coming into existence shortly before the Mark of the Beast becomes an issue in America. The book of Daniel was unsealed in 1798. Revelation 10 taught, after the disappointment of 1844, God's people would emerge as a world-wide movement. They find their beginnings in the New World of America. The Bible says the dragon stood on the sand of the sea. So after 1798 he followed the church to America. The Remnant of Revelation 12:17 is pictured arising in the New World before the Lamb beast, which represents the United States, and joins forces with the Roman Church to bring the Mark of the Beast issue to focus.

What we are looking at here is something the church is either unwilling to tell folks or chooses to ignore out of the Vatican II ecumenism that has prevailed ever since 1965. It was at this time the church adopted "pluralism", as a conciliatory move to respond to the Roman Catholic Institution's seduction. This "pluralism" became an act of reciprocity, to do no harm.

This verse indicates God-given wisdom is necessary for understanding the meaning of the mark, and the "name" or character of the beast. However, the number "666" has become very controversial and has stirred more speculation than almost anything else in the Bible.

Before the invention of Arabic numbers (1, 2, 3, etc.) the Jews and Greeks often used letters of the alphabet for numbers. The first 10 letters were used for the numbers 1 through 10. The next letter, 20; the next, 30; and so on. It has been a popular pastime to add up the letters in names to try to come out with a total of "666". Some have taken Nero Caesar, put it into Hebrew letters (*Neron Kaisar*, which is not the normal way of spelling it), and have obtained a total of "666". However, the Book of Revelation is Greek in the original, so this system is incorrect. Thus, there are no real grounds for applying it to Nero.

Throughout history people have tried to find "666" in almost every dictator or evil emperor that has come along. By various systems the number has been applied to men such as Hitler, Mussolini, and Stalin, even to some United States presidents. Some have assigned this number to the Pope. They came up with the correct figure by using the inscription, dedicated to the Pope, which is inscribed around the top of the wall inside St. Peter's Basilica in Rome. It is said that adding up just the letters that represent Roman numerals, the total comes to "666". The *Overview* section of this volume provides additional information concerning this custom.

Symbol	Example	Character Set	Variable Length	Discrete/Continuous	Check Character	Application
Code 39 <i>USS-39</i>	 123456	A	Variable	Discrete	Optional	In very wide use for many types of applications: Logmars, HIBCC
Code 128 <i>USS-128</i>	 123456	Subset A,B,C	Variable (Even # of Subset C)	Discrete	Required	Widely used; excellent for many applications
UPC-A	 1 23456 00000 1	Numeric Only	12 Fixed (11 data + 1 check digit)	Continuous	Required	Retail product marketing in USA and Canada
UPC-E	 1 23456 0	Numeric Only	7 Fixed (zero + 5 data + 1 check digit)	Continuous	Required	Retail product marketing in USA and Canada; compressed for products with limited label space
EAN-13	 1 23456 00000 5	Numeric Only	13 Fixed (12 data + 1 check digit)	Continuous	Required	Retail product marketing world-wide
EAN-8	 1 234 56 0 1	Numeric Only	8 Fixed	Continuous	Required	Retail product marketing in USA and Canada; compressed for products with limited label space
Interleaved 2 of 5	 01234567	Numeric Only	Variable (Even # of Digits)	Discrete	Optional	Very compact; encodes digits in pairs—total length must be even numbers of digits
ISBN	 9 781234 567897 5 399 5	Numeric Only	Variable (Even # of Digits)	Discrete	Optional	Very compact; encodes digits in pairs—total length must be even numbers of digits

Above: These are the major UPC barcodes in use today globally.

There is nothing in the Book of Revelation, however, that specifically tells us to add up the numbers in the name of the beast. The key, however, seems to be the phrase that says "it is the number of a man" (literally, a number of mankind). Many Bible expositors believe the number 6 is the number standing for mankind. They also think 3 is the number of the Trinity.

The threefold repetition, “666”, could therefore simply mean the Antichrist is a man who believes he is a god or who declares himself to be a god. (See Revelation 13:8; 2 Thessalonians 2:4.)

In the foreseeable future, what we do know is that the industry plans to have 50% of the U.S. will be equipped with the 5G technology by 2025. 5G phones will not be available much before the fall of 2020. Apple technology representatives revealed they are not anywhere near development of their 5G phone. Prices are based upon last year’s unveiling of iPhone XS and XS Max and are unlikely to be cheap. Price will be hefty and will inhibit full implementation of 5G.

While other smartphone makers promise to offer 5G phones this year, including Samsung, LG and OnePlus, it looks like Apple is sitting out the first wave. A report in Bloomberg says that Apple likely won't deliver a 5G iPhone until 2020. This may not be a huge deal, as the major carriers will be rolling out their networks throughout 2019. The 5G phones will likely make a dent in your pocket. The iPhone XR starts at \$749 for the lowest storage capacity, the iPhone XS starts at \$999 -- like last year's iPhone X -- and the XS Max's 64GB model costs \$1,099. The prices rise from there with each jump in internal storage. Instead of Apple's most advanced phone breaking the \$1,000 ceiling, two of these new iPhones now start at a grand or more. This is Apple's way of testing people's willingness to splurge on a high-end phone. With expanded memory and options, my guess a top of the line X1 phone will cost upwards of \$1,500-\$1,700. Too rich for me!

Those who have attended various telecommunications conventions state that 50% of the U.S. will have 5G coverage by 2025 and full implementation by 2030. This is their stated deadline. The infrastructure of 5G being introduced suggests that the hardware, boosters, cell antenna of various types will require between two years and upwards of four years.