

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/340166697>

Is there a Link between 5G Internet Frequencies and the Corona Virus? Matters of Discussion

Conference Paper · March 2020

CITATIONS

0

READS

21,650

1 author:



Russell Jacquet

Seattle school district

7 PUBLICATIONS 1 CITATION

SEE PROFILE

Some of the authors of this publication are also working on these related projects:



Akhenaten and Biblical Joseph: Bringers of Monotheism to Egypt [View project](#)

Is there a Link between 5G Internet Frequencies and the Corona Virus?

Researched by Russell Jacquet

22 March 2020

www.researchgate.net/profile/Russell_Jacquet

Matters of Discussion

The flu virus vs. the COVID-19 Coronavirus	1
Wuhan, China, the city at the epicenter of the Pandemic	3
What is a Virus?	4
What is 5G?	6
Is 5G safe?	7
The Science of Atmospheric Oxygen Absorption of 5G Frequency Waves	8
Early Health Warnings about the implementation of 5G towers and antennas	14
Earlier predictions of a coming viral pandemic!	15
Microwave Radiation Sickness	17
Delays, Missed Opportunities and testing problems causing American chaos and confusion... ..	18
Government Chaos!	20
Conclusions	22
Suggestions for slowly getting back to our normal way of Life	24

Having been born in New York City and living in Seattle since 1992, that “Tale of Two Cities” has been a depressing one in the news for me lately. I have sought to learn more about why and how we got to this point of pandemic appearing “as a thief in the night” that has uprooted our society greater than anything has since World War II. We have been forced to ‘stop working’, ‘stop touching’ and it has caused us to stay indoors.

This year’s flu season in America began in week 40 of 2019 (October 1st). In mid-February 2020 the CDC announced that there was HIGH FLU-LIKE Activity in the first weeks of 2020 with an estimated 9.7 million flu illnesses, 87,000 hospitalizations and 4,800 deaths by that time, 105 children had died since the beginning of the flu season according to CDC estimates released. By March 10th the CDC had estimated that there were 36 million flu illnesses 370,000 hospitalizations and 22,000 deaths from the flu in which 144 were children, the most since the 2009 pandemic. Week 5 reported 21,257 influenza cases and week 6 reported 21,158 cases and this appears to be the peak of the 2020 flu season. During the peak season from week 4 to week 8, 28 – 30% of the people tested were positive for the flu virus. The strain of Flu Virus A (H1N1)pdm09 appears to be the most virulent form of affliction this season. Details are in the chart below.

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories 2019-2020 Season						
Week	Total A	Total B	Percent Positive A	Percent Positive B	Total # Tested	% Positive
2020 03	7699	8017	12.81	13.33	60100	26.14
2020 04	9282	8544	14.63	13.46	63432	28.1
2020 05	11860	9397	16.78	13.29	70669	30.07
2020 06	12680	8478	18.14	12.13	69877	30.27
2020 07	13048	6945	19.37	10.31	67330	29.69
2020 08	12320	5523	19.6	8.78	62842	28.39
2020 09	11059	4138	18.98	7.1	58260	26.08

Sample statistic From: https://www.cdc.gov/flu/weekly/weeklyarchives2019-2020/data/whoAllregt_cl10.html

So just why are we so much in fear of the “COVID-19” coronavirus? About one billion flu infections occur worldwide each year with 300,000 to 600,000 deaths per year and with up to 45 million cases in the United States

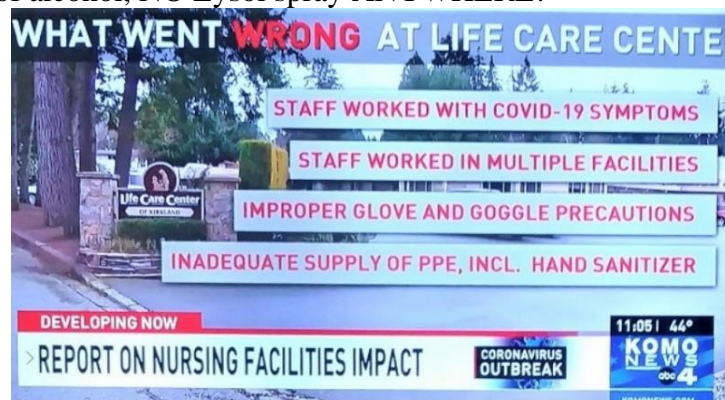
per year with tens of thousands of deaths. The worst flu season was the 2017-2018 season in the United States when 80,000 Americans died, 186 of them were children. While some think there is over-reaction and too much sensationalizing of the pandemic and some consider it a “Hoax”, others want to put it into perspective in relation to how many normally die from the flu. One of America’s top nightly talk show host gives his perspective on it:

“...They are giving us a daily death count. It is tragic, it is sad that these people have died and this is a killer virus for some people but they don’t put it in perspective...the media is distorting the figures and blowing it out of proportion...we’ve had over 7,000 people worldwide who have died since December from the COVID-19 Coronavirus. That’s sad, 7,000 souls are gone. In the same period, actually even less, 150,000 people worldwide have died from the seasonal flu, 150,000! Now has the media reported on that or given us daily figures? No! My point here with the media is that they are contributing to the hysteria which has caused the entire planet to shut down!”

– ‘Coast to Coast am radio’ talk show host George Norey, 17 March 2020.

The current estimates for the death rate of the seasonal flu is about 0.1 percent or 1 out of every 1000 will die of the flu compared to the estimated 2 percent for COVID-19 or 20 out of 1000, however W.H.O. director-general Tedros Ghebreyesus very recently put the fatality rate figure at 3.4%. That would make it 34 deaths out of 1000 people who contracted the COVID virus. This is of course different in various countries as some are reported as death by pneumonia and other respiratory diseases that may have been due to COVID-19 but not reported as such. Italy’s death rate is close to 9% while South Korea’s is 1%. It’s a complicated formula and we don’t have enough data yet to formulate valuable statistics. As of Monday afternoon 16 March, 6pm PDT, the John Hopkins University & Medicine website (<https://coronavirus.jhu.edu/>) showed a total global confirmed 181,546 cases with 7,126 deaths and 78,088 (43.0%) recovered from the illness with a lot more still pending. That represents a 3.9% death rate from the CoronaVirus worldwide. The death rate is predicted to be significantly lower since there are a lot of asymptomatic people who have the virus but don’t know it and don’t have a reason to get tested or can’t get tested. This unknown population is not presently included in the “confirmed cases”. On March 16th the United States had 4464 confirmed cases with 85 deaths, 42 coming from the state of Washington with 29 of them (69%) related to the Life Care Center of Kirkland Washington, across Lake Washington on the east side of Seattle. One new symptom caretakers noted is “Red Eye, then in 24 hours they are dead!” On March 22 the latest figures for the state of Washington was 1,996 confirmed cases, 95 deaths and the good news is that 28,879 people have tested negative. So far we’ve turned towards the South Korea path and away from the path Italy took.

Multiple infection problems occurred at Kirkland Life Care Center with the staff being the highest cause for spreading the virus amongst the patients there. Due to the early signs that something was coming, Seattlelites raided the stores and very soon, by the first week of March, there was NO hand sanitizer, NO N95 masks, NO alcohol wipes, NO bottles of alcohol, NO Lysol spray ANYWHERE!



The high global death figure is said to be attributed to countries like China, Iran and Italy who were overwhelmed at a certain point where there was not enough medical staff, respirators and other Personal Protective Equipment (PPE) to assist all of the sick patients without spreading the disease. Both the flu and COVID viruses have almost identical symptoms – fever, cough, night sweats, bone ache, fatigue, and in severe cases nausea and diarrhea.

What we here in the USA are afraid of is becoming the next Italy. On February 19th Italy had only 3 cases of coronavirus and 0 deaths. A week later on Feb 26 they reported 322 cases and 11 deaths. The next week March

4th they reported 2502 cases and 80 deaths, the next week Italy reported 10,149 cases and 631 deaths. By then they decided to lock down the country and mandatory shelter in place unless to get groceries and medical treatment. It had pushed the country's health care system to the brink of disaster. That still did not slow down the number of reported cases as by the next week March 18 they reported 31,506 cases of coronavirus infections with 2503 deaths. The total Italians who had recovered from the infection were 2,941 according to the John Hopkins website. Italy was not at all following the expected "doubling of cases" every week, instead they are more than tripling the infection rate on a weekly basis. So as not to become like Italy, Governor Jay Inslee of Washington started implementing on March 11th the practice of "Social distancing". This meant the closure of schools, public facilities, restaurants, sport games and other social meetings where 50 or more people gathered had to be halted in order for this to be effective. It was very soon adjusted to "10 or more people".

Italy's battle with the CoronaVirus

<u>Week of 2020</u>	<u>Reported cases</u>	<u>Reported deaths</u>
Week 1 Feb 12	0	0
Week 2, Feb 19	3	0
Week 3, Feb 26	322	11
Week 4, Mar 4	2,502	80
Week 5, Mar 11	10,149	631
Week 6, Mar 18	31,506	2,502
Week 6.5 Mar 22	59,138	5,476

WuHan, China – The City at the epicenter of the pandemic

Wuhan – FIRST CITY in the world to roll out a 5G internet tower and antenna network.

Wuhan – FIRST CITY in the world to experience the COVID-19 "Coronavirus" epidemic.

Wuhan – FIRST CITY in China to establish an experimental Bio-pathogen lab.

Whether 5G technology has any influence or not on this present illness, there is no doubt that there is a virus going around. The most logical thing that happened is that this was a bio agent that was released. Since there is a bio lab South of Wuhan, it is likely that a lab worker got infected and didn't know it and later went out to the city and spread it through cough and touch. The theory of Bats transferring the Coronavirus to another intermediate host animal that the Chinese then ate purchased from the Huanan Seafood Market to explain how it got into the human population has not proven to be a viable theory. The revelation of this biolab was first revealed in early 2017 by an article in Nature news:

"A laboratory in Wuhan is on the cusp of being cleared to work with the world's most dangerous pathogens. The move is part of a plan to build between five and seven biosafety level-4 (BSL-4) labs across the Chinese mainland by 2025, and has generated much excitement, as well as some concerns. Some scientist outside China worry about pathogens escaping, and the addition of a biological dimension to geopolitical tensions between China and other nations...There are already two BSL-4 labs in Taiwan, but the National Bio-safety Laboratory, Wuhan, would be the first on the Chinese mainland."¹

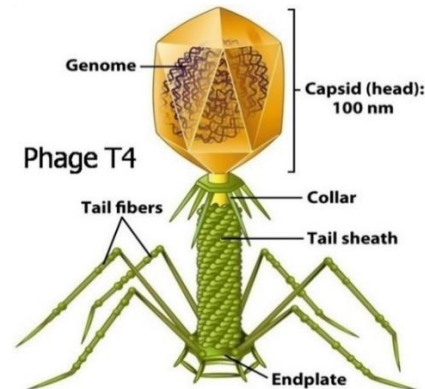
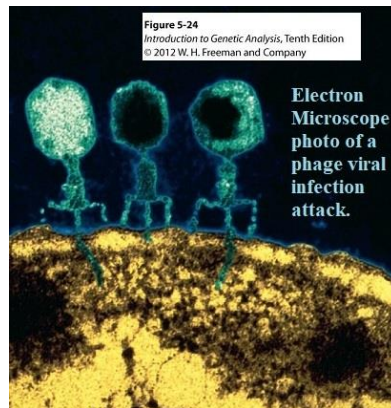
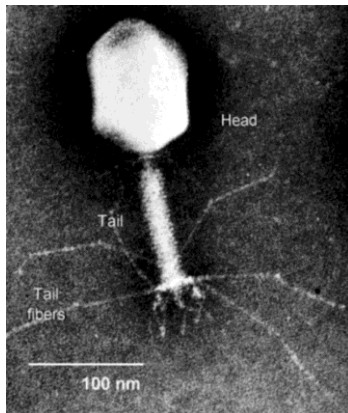
On 31 December 2019, "Chinese health officials informed the World Health Organization about a cluster of 41 patients with a mysterious pneumonia. Most (27) were connected to the Huanan Seafood Wholesale Market in the city of Wuhan." From this information, if one person was the initial infector and there were at least 2-weeks of incubation before serious symptoms, scientists have determined that the virus could have started spreading as early as late November. An age 57 woman named Wei Guixian was the first patient who started feeling ill on Dec. 10 and was admitted to Wuhan Central Hospital on Dec. 16. She was discharged in early January fully recovered. The first death was on 11 January 2020 of a 61-year-old man.²

¹ Cyranoski, David: "Inside the Chinese lab poised to study world's most dangerous pathogens"; Nature, Vol. 542, Issue 7642, 22 February 2017. <https://www.nature.com/news/inside-the-chinese-lab-poised-to-study-world-s-most-dangerous-pathogens-1.21487>

² Secon, Holly, et.al.: "A Comprehensive Timeline of the new corona pandemic from China's first COVID-19 case to the present". 19 Mar 2020.

What is a Virus?

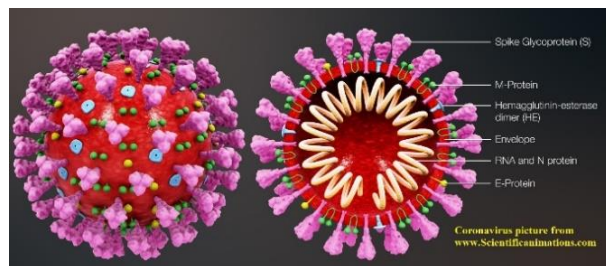
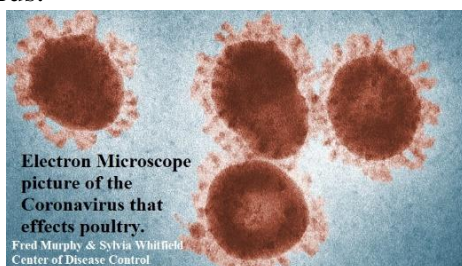
If this Coronavirus is truly an engineered bioweapon as many believe, it would represent a serious threat to humanity. This virus appears to have an increased longer incubation period in younger people with stronger immune systems. It could be 4 – 6 weeks incubating in younger age people under forty vs. 2 weeks in older people. The longer the incubation period, the more people are silently infected by this stealth “viral machine”. I personally don’t believe these viruses evolved naturally but were robotic Mad Scientist Creations in the past to inflict a specific purpose on biological life. Viruses are described by scientists as NON-LIVING complex molecules and begs us to reconsider the question of “what is life?” They can only replicate by invading a living cell and forcing the host cell to replicate thousands of identical copies of the original invading virus’ genes. Look at these picture examples³ of a Phage T4 virus and if you don’t see a ROBOT then please let me know what you see! This viral type attacks bacteria cells. It has a neck and collar, core and a needle like arm that punctures the bacteria cell to inject its DNA stored in the protein coated triangular faced icosahedron (20 faces) head.



Present day scientists are looking at creating “nanites”, a microscopic “nanomachine” or “nanobot” that could be injected into living organisms to perform certain functions. Is this re-inventing the wheel of ancient times? Coronaviruses are a vast family of viruses that cause respiratory illnesses from the common cold to pneumonia and bronchitis. The recent respiratory syndromes called “MERS” and “SARS” were also Coronaviruses. The Coronavirus was patented back in July 2015. According to the Pirbright Institute patent application. Here is the verbiage:

“The present invention provides a live, attenuated coronavirus comprising a variant replicase gene encoding polyproteins comprising a mutation in one or more of non-structural protein(s)...The Coronavirus may be used as a vaccine for treating and/or preventing a disease such as infectious bronchitis, in a subject. ...Our major stakeholders are: ...International funding and disease control agencies, such as OIE, WHO, the European Commission, Bill and Melinda Gates Foundation.”⁴

The COVID-19 virus has a different shape than the previous virus example. Under a microscope, the numerous spikes around the spherical shape of the coronavirus look like a “crown” which is from the Latin word “corona”. The electron microscope photo is a coronavirus that effects poultry. Next pic is a cross-section artist impression of a coronavirus.⁵



³ First photo is an electron microscope picture of the phase T4 virus. Second photo is an electron microscopic picture of this phage T4 virus attacking a living cell. From: “Introduction to Genetic Analysis”, Tenth Edition, Figure 5-24, W.H. Freeman and Company, 2012. Third picture is an artist impression of the details of the Phage T4 virus.

⁴ Justia Patents: 23 July 2015 by the Pirbright Institute. <https://patents.justia.com/patent/10130701>

⁵ Electron microscope photo from <https://www.statnews.com/2020/02/10/fluctuating-funding-and-flagging-interest-hurt-coronavirus-research/> Artist impression is from Scientific Animations. <https://www.scientificanimations.com/>

On the date of 31 October 2019, the city of Wuhan China had their 5G towers and antennas turned on. They appear to have been the first city on the planet to do this. By May 2019 China's Mobile Hubei branch were already bragging that more than 300 5G base stations had been built since February 2018 achieving full 5G signal coverage in its prefecture-level cities:

“Wuhan, capital of Hubei, is one of the first pilot cities of the 5G network in China. So far, 5G technology has been applied in various fields in the city, including intelligent education, intelligent medical treatment, driverless vehicles, intelligent tourism, smart transportation and intelligent enterprises.”⁶

Is there a link between the turn-on of this technology and the sudden global onset of the Coronavirus being activated there first? No doubt there is a virus going around that is “novel”, i.e. is new and has not been seen before therefore no immunity or vaccine or drugs available to combat it. As just reviewed, viruses are NON-LIFE FORMS, but they move and they do things and they force replication via another source, so if they are NOT LIFE they must be MACHINE! A machine that needs to be activated by certain frequencies. Is the window of 55 – 65Gigahertz where oxygen absorption occurs the vibration window it needs to come alive? We all have viruses running around our body, some running around but posing no threat and some dormant waiting to be activated. It is now known that about 100 million people in this country who had the polio vaccine between 1954 – 1963 received a shot that was contaminated with the “Simian-40” Monkey virus which is known to cause cancer in later years. The Rotavirus vaccine used to treat severe diarrhea in young children has the pig virus circovirus. The vaccine to treat Rubella, varicella and Hepatitis A contain MR5C, human diploid fibroblast cell cultivation from aborted fetus tissue. Dr. Stanley Plotkin, considered the “Godfather of vaccines”, admitted this under oath in a deposition.⁷ Plotkin also verified a pilot study of vaccinated school children vs. non-vaccinated homeschool children. Those Non-vaccinated were 4-times likely to get chicken pox and 3-times likely to get whooping cough. HOWEVER, the Vaccinated children were 30-times likely to get allergic Rhinitis (runny nose allergy), 4.2-times likely to get ADHD, 5.2-times likely to have learning disabilities, 3.7-times more likely to have a neurological development disease and many more examples were given. These vaccines are cultured in living tissue of animals who have viruses that don't affect them but what will they do to us when they have lived in our bodies for decades and given the chance to adapt? What turns this “machine” on to start working? One author who definitely agrees that 5G could be mobilizing viruses is Cyrus A. Parsa, founder and CEO of the Artificial Intelligence (AI) Organization:

“5G mobilizes all kinds of machinery and there are positives and there's a lot of negatives to it if its next to your home or if it's hitting your body because these frequencies are not made for human beings. They're made to mobilize machines. 6G and 7G you're talking about cybernetically enhancing or altering people by engineering which can happen in the 5G system. ...on the 5G system, because these frequencies are so fast and they're not made for human beings, they're made for machines, they will completely in a fast way and an imperceptible way, reprogram peoples thoughts... this 5G did not cause the virus, what it did was amplify it by reducing peoples immunity. We have all these towers up and these frequencies are hitting their bodies. What's happening is its decreasing their immunity. This virus comes in and their body can't take it so they start coughing up blood in the street, start falling over and dying, Chinese government sends over all kinds of crematoriums, they're burning bodies left and right, the government is getting scared... it was stupidly created in a lab and then it got out and I think the 5G system amplified and reduced people's immunity in that area. The Chinese government hid it for a long time. I wrote an article February 7th that it's been among us in the U.S. and people have it and they don't know they have it...”⁸

Dangers of Cell phone radiation have previously been verified

So, what is this connection with the implementation of 5G internet technology and the possible link to the CoronaVirus running pandemic around the world? I have read quite a few articles this month and have pulled

⁶ China Daily: “Hubei sets up over 300 5G base stations”; 27 May 2019. www.chinadaily.com.cn/a/201905/27/WS5cebd2f7a3104842260be10a.html

⁷ Stanley Plotkin deposition: “Meet Dr. Stanley Plotkin. The world's leading authority on vaccines”; 9-part video series. The Vaccine info on Polio, rotavirus, rubella is on Part 5. Testimony on the vaccinated vs unvaccinated homeschooled children is on Part 7 starting around the 8min mark. The court case began after 19-month-old Hannah Poling regressed into autism 2-days after receiving 5 vaccines. <https://www.vaccineingredients.info/>

⁸ Coast to coast radio talk show; 16 March 2020. George Norey interview with Cyrus Parsa. <https://theaiorganization.com/>

out some excerpts of each of them. They are based on science and conjecture about what 5G could do. We know that cell phones give off microwave radiation and on most phones you can type in: ***#07#** and it will read out how much radiation is being emitted. Anything over 1.60 Watts/Kg is supposed to be dangerous and they advise you to change phones. My LG-H830 model is supposed to read 1.15W/Kg. The highest “legal” reading is on the iPhone X models A1901 and A1902 which emit 1.59w/kg when worn on the body and 1.59w/kg when used as a hotspot. If you read your USER MANUAL, by law the manufacturer must tell you the danger of having your cell phone touching your body. Your ‘fine print’ should read something like this taken from the LG-H831 cell phone manual under the “For Your Safety” chapter:

“Body-Worn Operation: ...to comply with FCC/IC RF exposure requirements, a minimum separation distance of 1 cm (0.39 inches) must be maintained between the user’s body and the back of the phone.”

How many of you have read that in your manual? Many other cell phone manuals say the distance should be ‘One Inch’ and this means no one should be talking on their phone while the phone is touching the ear or head near the ear or they risk what famous OJ Simpson lawyer Johnnie Cochran died of – a cancerous brain tumor on the same side of the head he always talked on *“holding it tight against the same ear”*. Cochran’s neurosurgeon believes Cochran’s cell phone use is what caused his brain tumor. These warnings should not be brushed aside.

In May, 2011, 30 scientists from 14 countries at the International Agency for Research on Cancer (IARC), a medical arm of the World Health Organization, evaluated the carcinogenic hazard to humans of radiofrequency **E**lectro**M**agnetic **F**ields (EMF), the type of radiation emitted by devices used in wireless telecommunication. The Medical Panel doctors of WHO concluded that cell phone radiation is now listed as a “carcinogenic hazard.”⁹ IARC’s panel did not conclude that all types of cancer would be caused but specifically stated *“that the evidence that mobile phones pose a health risk was “limited” for two types of brain tumours – glioma and acoustic neuroma – and “inadequate” when it comes to other types of cancer.”*¹⁰ Listen to these scientists who say there are risks involved! To minimize cell phone radiation, one should not be walking, running and sitting with a cell phone in their pocket unless it is on airplane mode. Men should NOT have it in their pockets anywhere near their testicles. It is recommended that you text or use a headphone jack to keep the phone a little bit away from you instead of talking with the phone at your ear if you have to talk on it. When you go to sleep **TURN THE PHONE COMPLETELY OFF** as well as any routers in your house.

What is 5G Technology?

The “G” stands for “GENERATION” and is in reference to how internet technology has evolved over time. 1G or the “First Generation” was way back when we used the first analogue mobile signals for telephone calls only.



Yes, we are talking WAY BACK! Two or three kilobytes per second (2.5kbps) was as much speed as we could get out of them. Motorola was the first company to mass produce this heavy two and half pound (1.1kg) handheld mobile phone back in 1973. With 2G we changed from analog to Digital and made the phones fancier as a “flip phone” with added text messaging (SMS and MMS). With the “Third Generation” (3G) phones we became wireless and web browsing, email, video downloading, picture sharing and the first smartphone technologies were introduced. The transfer rate of the information was at a speed at least 200kilobytes per second (kbps). With 4G technology we saw the transfer rate jump to 100 Megabits per second (Mbps) and then up to 1,000 (1 Gigabit) per second. Network sharing, video conferencing, 3D TV and “The Cloud” was introduced and the phones got even more fancier. 5G is just being rolled out in 2020. It was first rolled out in China and South Korea in late 2019. It is meant to support heavier data rates for many more simultaneous users at a much faster speed in the Gigabytes-per-second (Gbps) rate. For the “Me Generation” a fancy do-it-all \$1000 phone is high status amongst peers. For the “Now Generation” faster service is paramount! But at what price?

⁹ IARC Publications: “Non-Ionizing Radiation, Radiofrequency Electromagnetic Fields”. 1 July 2011, Vol 12, Issue 7. <http://publications.iarc.fr/126>; “IARC Monographs on the Identification of Carcinogenic Hazards to Humans”; Vol.102, 2013; <https://monographs.iarc.fr/monographs-available/> Robert Bean, et.al. “Carcinogenicity of radiofrequency electromagnetic fields”, The Lancet Oncology, 22 June 2011; [https://www.thelancet.com/journals/lanonc/article/PIIS1470-2045\(11\)70147-4/fulltext#back-bibl](https://www.thelancet.com/journals/lanonc/article/PIIS1470-2045(11)70147-4/fulltext#back-bibl)

¹⁰ Ed Yong: “World Health Organisation verdict on mobile phones and cancer”, Cancer Research UK, 31 May 2011. <https://scienceblog.cancerresearchuk.org/>

It will be the big urban cities that will get hit with 5G because it will serve more people in return for the cost of the amount of cell towers and antennas that will have to proliferate the big city.

*“Many more base stations will need to be packed closer together to cover the same areas 4G networks cover now. This is why we’re unlikely to see mmWave deployed out in the countryside or small towns. It will probably only be used in urban centers, **where it covers the maximum number of consumers in a small space.**”¹¹*

Is 5G safe?

The following report is a good beginning as to what 5G is and how it is set up for cell phone users. The telecom companies, their CEO’s and workers have told us that 5G is “Totally Safe!” However, where are the independent studies to prove this? We have come through this before. Cigarettes, talc powder, red dye #40, saccharine, Cell phones – all were considered “safe” at the beginning of their distribution we were told and a lot of us were fooled by them and got sick. Shall we trust them again? Trust but verify! I’ve highlighted in **RED** some of the most important concepts to take away from this study and kept the author’s words in a smaller “Calibri light” font.

“5G Technology: Is it Safe?”: 18 Dec 2019. From: <https://lightlounge.life/5g-technology-is-it-safe/> (Footnotes are at this weblink)

5G What Is It and Where are We Now?

5G is a hot topic these days. It’s a new, advanced wireless technology that has begun to gain momentum in 2019 and has been touted to be 70 times faster than its predecessor, 4G¹². 5G remains controversial as there are worries about the health risks it may pose. In Asia, 5G has exploded. Over 4 million Koreans use 5G phones as of 2019. In China, over 150 million 5G mobile users are expected to use 5G phones by 2020¹. 5G offers such a powerful internet connection that you can easily download HD movies in a few seconds¹². The U.S. is no exception from the global 5G trend. Earlier in December, T-Mobile launched its 5G network (600 MHz), and it began selling its own 5G-powered phones⁷.

The Problem with 5G

The issue with 5G is that **its effects on human health**, whether short or long term, **have not been studied**. Furthermore, its effect on the environment has also not been studied. No 5G safety studies have been carried out by the telecom industry nor the Federal Communications Commission (FCC). Essentially, no research has carefully assessed the health risks associated with this new cellular technology. Little do we know about the risks of 5G radiation (EMF cellular-induced radiation)^{2,3}.

What is EMF Radiation and How 5G is Different?

We are surrounded by electromagnetic radiation (EMF) everywhere and all the time, which for the most part, is perceived as a harmless, non-ionizing, low-level form of radiation. Mobile phones, TV, radio signals, and some street lights are all sources of this kind of radiation^{10,6}. As with previous cellular technologies, 5G networks rely on signals carried by radio waves (which are part of the electromagnetic spectrum), transmitted between an antenna or telecommunication mast and your mobile phone¹⁰. However, **5G uses higher frequency waves than earlier mobile networks** (2G, 3G, 4G), and 5G infrastructure would demand cell antennas roughly every 300 to 700 feet given the technology is fully embraced across urban areas^{10,9}. These antennas effectively create a strong EMF field that surrounds us.

Is it Safe to Implement 5G?

According to scientists, an overwhelming amount of 5G infrastructure in residential areas would potentially expose many people to unstudied forms of electromagnetic fields (EMFs)^{9,2}. Animal and plant life would also be at risk⁹. For example, 4G frequencies go as high as **6GHz**, while 5G would expose biological life to pulsed signals in the **30GHz to 100GHz** domain, up to 16 times as much. **The general public has never before been exposed to such high frequencies for significant amounts of time**². So, safe is a difficult word to use when it comes to 5G radiation because it’s unstudied. It may be a while until we truly understand the full effects of 5G, however:

- Although EMF radiation is generally perceived as harmless, it has been scientifically associated with some types of cancer, insomnia, and mental health disorders^{4,11,8}.
- More than 240 scientists who have published peer-reviewed research on the biologic and health effects of non-ionizing electromagnetic fields (EMF) call for stronger exposure limits to EMF, which in particular addresses 5G radiation⁹.

¹¹ Triggs, Robert: “5G mmWave: Facts and fictions you should definitely know.” <https://www.androidauthority.com/what-is-5g-mmwave-933631/>
18 February 2019.

- Residents in Gateshead in the U.K. have alleged that street lamps emitting 5G radiation are responsible for causing insomnia, chronic nosebleeds, and stillbirths following their installation in 2016⁸.
- The key issue is that there's not enough research on it.

Prepare for 5G and protect your family

There are several things you can do in regards to 5G protection. We don't yet know the full effects of 5G radiation, so better be safe than sorry.

- **Try to keep a distance from 5G.** If you own a 5G phone, don't let it grow on your hand. Keep it away from your body when you don't really need it. If you are carrying a bag, put your phone in the bag instead of in your pocket.
- **Don't keep your phone next to you by night.** Avoid exposure to 5G radiation during your sleep. Keep it in another room or simply switch it off as it stays on your bedside table.
- **Educate yourself on the most common sources of 5G radiation.**
- **Take care of your diet.** Paying attention to your diet is never a bad idea. Foods rich in antioxidants (such as berries, beans, dark chocolate) can aid your body from overexposure to EMF radiation⁵.
- **Protect yourself and your family with EMF protection devices.** At the Light Lounge Shop, you can find three such world-class products that can shield EMF: [a Qi-Home Cell, Qi-Mobile Maple, and Qi Shield](#). They work by reducing the effects of non-ionizing radiation on the human body.

Footnotes Cited in Lightlounge.com article can be viewed at <https://lightlounge.life/5g-technology-is-it-safe/>

The Science of Atmospheric Oxygen Absorption of 5G frequency Waves

How does Oxygen we breath absorb these 5G internet frequency waves?

There are numerous articles and photos of the graph showing how and when the internet waves that permeate our daily life is absorbed by atmospheric oxygen. What now are the after-effects of the Oxygen? This seems to be part of the controversy as to whether or not 5G has anything to do with the COVID-19 CoronaVirus. The most severe symptoms involve the respiratory system, i.e. breathing by getting oxygen into the lungs. Early signs are difficulty breathing and upper respiratory problems such as runny nose, sore throat, cough and mild fever. This can progress to “**Severe Acute Respiratory Syndrome**” a.k.a. “SARS” or “**Acute Respiratory Distress Syndrome**” called “ARDS”. In these severe cases fluids can leak into the lungs collecting in air sacs and making it difficult for the lungs to transfer oxygen from the air to the blood. This is when people are put on respirators to help with breathing by delivering oxygen to the lungs via high-flow oxygen therapy or mechanical ventilation while treating the disease. Pneumonia appears to be the main cause of death. Approximately 20-30% of hospitalized patients with COVID-19 and pneumonia have required intensive care for respiratory support.¹² The older population has shown to be the most vulnerable especially if they already had an underlying health condition. Of the limited information from China, of all of the confirmed COVID-19 patients there as of Feb 11 2020, only 2.1% were less than 20 years of age and no deaths were reported among those less than 10 years old.¹³ China also reported that nine COVID-19 virus positive pregnant women gave birth to nine negative COVID-19 babies.

Now that we know that the main medical condition is not being able to absorb oxygen into the lungs to be picked up by the iron in red blood cells, the real question I and many others have, has to be:

“if people are in an area where the oxygen molecules they are supposed to breath are absorbing the energy of 5G waves, what damage could be done to the respiratory system?”

I have read many articles where researchers are saying that this interference with Oxygen by these millimeter waves is the problem. Some even go as far as declaring that there is NO virus and that people are really suffering from microwave radiation sickness which has the same symptoms as a viral infection of the lungs, and this is what is really depressing our immune systems. All Hell will break loose if this turns out to be true that this particular window of 55 – 65Gigahertz where oxygen is absorbing 5G waves is causing the virus to come alive!

¹² “Interim Clinical Guidance for Management of Patients with Confirmed Coronavirus Disease (COVID-19)”, 7 March 2020 CDC report. <https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-guidance-management-patients.html#foot09>

¹³ [Novel Coronavirus Pneumonia Emergency Response Epidemiology Teamexternal iconexternal icon](#). [The Epidemiological Characteristics of an Outbreak of 2019 Novel Coronavirus Diseases (COVID-19) in China]. *Zhonghua Liu Xing Bing Xue Za Zhi*. 2020;41(2):145–151. DOI:10.3760/cma.j.issn.0254-6450.2020.02.003.

This next research paper by Bruce L. Gary is a tutorial prepared in May 1991 for the employees of Rockwell International's Collin Air Transport Division. Gary formally worked with the U.S. naval Research Lab's radio Astronomy branch in D.C. and Caltech's JPL conducting microwave investigations of the moon. The employees needed an understanding on how microwave radiometry works. This may be one of the earliest research papers on how oxygen and other molecules in the atmosphere either absorb or scatter frequencies near 60GHz and wavelengths in the 8 to 40-micron region. In here I believe is the science behind what happens to the electrons in the oxygen molecules and why they may have become "useless" to humans when they breath that transformed perhaps 'now dead' oxygen. Gary also gives similar scientific details for Carbon Dioxide, water vapor and ice particles. It is a very detailed science study and I am only reviewing two paragraphs here so if you go to the website to learn more, get your science dictionary out. Gary's Oxygen Absorption Spectrum chart he shows is virtually the same as what Dredge and Hakusui (next two article reviews) will use.

"Tutorial on Airborne Radiometers for Aviation Safety Applications"

by Bruce L. Gary, 19 May 1991. From: <http://brucegary.net/RKW/x.htm>

ATMOSPHERIC ABSORBERS/SCATTERERS

The following sub-sections survey atmospheric constituents that either absorb or scatter at frequencies near 60 GHz and wavelengths in the 8 to 40-micron region. The next major section discusses how to use this absorber/scatterer information to calculate observed microwave brightness temperature for hypothetical atmospheres, and how to do the reverse - to convert measured brightness temperature to desired atmospheric properties. Some readers may want to merely browse through the following sub-sections and give more attention to the next major section.

Oxygen

Oxygen molecules have quantized rotations corresponding to the energy carried by microwave photons with wavelengths of approximately 5 millimeters (frequencies of about 60 GHz). Several dozen of these quantized states exist within the frequency interval 48 to 71 GHz (one exists at 119 GHz). At sea level the atmospheric pressure is so high that collisions between the molecules distort them enough to "smear" the spectrum of interaction probability versus frequency. Thus, at sea level the absorption coefficient of oxygen versus frequency is a smooth function throughout the 50 to 70 GHz region. At higher altitudes there is less "smearing," and the individual resonance absorption lines can be easily discerned. This is the so-called resonant absorption spectrum of oxygen in the microwave region (see Fig. 2).

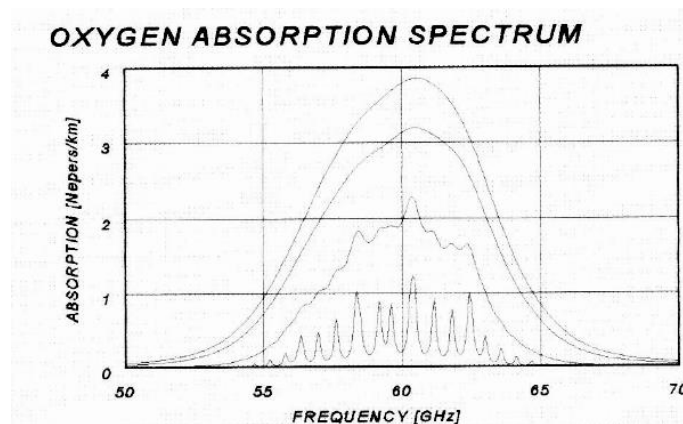


Figure 2. Absorption spectrum of oxygen for altitudes 0, 2, 10 and 20 km.

I believe that Gary is telling us that the electrons in the Oxygen atom are absorbing energy just as they would in "spectroscopy" when electromagnetic radiation interacts with atoms and molecules causing the electron to "Jump" to a higher orbit. Their molecular rotation just so happens to 'REACT' to 5mm/60GHz energy waves. If "another exists at 119GHz", half of that is 59.5GHz which is probably the more correct and exact frequency. This chart should be the proof. Let us look more into the science of this "Oxygen Absorption" Spectrum that 5G uses.

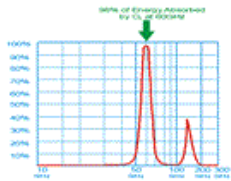
This next article goes back to 2001 and represents another scientist exploring what this window at 60GHz could mean. This is the first research paper I read to educate me on the Oxygen absorption band at 60GHz and of the term ***"Focused Narrow Beam Antenna"*** proposed to be used to transmit the 5G frequency. Hakusui gives the

science behind why it was needed to begin exploring the technological advantages of a higher frequency band. Millimeter waves are absorbed and interfered with by atmospheric oxygen causing the waves to lose energy and dissipate. If the Oxygen molecules are absorbing the energy the transmitting waves are sending through, what is the end result of these Oxygen molecules? This is the true question that needs to be studied and answered!

Fixed Wireless Communications at 60GHz Unique Oxygen Absorption Properties

by [Shigeaki \(Shey\) Hakusui](#), President and founder of Harmonix Corporation, the manufacturer of the GigaLink 60GHz digital radio system used for high-speed, wireless communications. www.hxi.com. April 10, 2001

From: <https://www.rfglobalnet.com/doc/fixed-wireless-communications-at-60ghz-unique-0001>



The demand for bandwidth is growing at a rapid pace. Due to the tremendous expected growth, reliable fiber optic networks must be installed quickly. In the United States, less than five percent of all commercial office buildings have access to fiber cables. With the high costs to install physical fiber, up to \$250,000 per mile, many stopgap techniques, including ISDN, DSL, satellite and microwave communications links, have been deployed to overcome this "last mile" challenge. However, these techniques pose only temporary solutions, as ISDN and DSL require bandwidth from physical mediums that were not designed for Internet use, and available licensed microwave frequencies, 900MHz to 40GHz, and satellite frequencies, 6GHz to 30GHz, are limited.

Short haul, high-density deployments of wireless communications devices are required in metropolitan areas and business parks throughout the United States. Most often, office buildings though not physically linked to the fiber backbone are within one half mile of a local fiber trunk. **Wireless communication devices operating at higher frequencies, such as 60GHz, allow businesses to link to the fiber easily, without the cost and time delays associated with physical fiber installation.**

Due to the increased bandwidth demands and the scarcity of microwave frequency allocations, the wireless communications industry is beginning to focus on higher, previously unallocated portions of the spectrum in the millimeter wave frequencies from 40GHz to 300GHz. Due to the high levels of atmospheric RF energy absorption, the millimeter wave region of the RF spectrum is not usable in long haul, wireless communications segments. However, for short haul, "last mile" segments, the expanded RF data bandwidth available in the millimeter wave region makes it ideal for interference free, fiber speed connectivity.

Figure 1 illustrates the atmospheric absorption for millimeter wave frequencies. **At the millimeter wave frequency of 60GHz, the absorption is very high, with 98 percent of the transmitted energy absorbed by atmospheric oxygen.** While oxygen absorption at 60GHz severely limits range, it also eliminates interference between same frequency terminals.

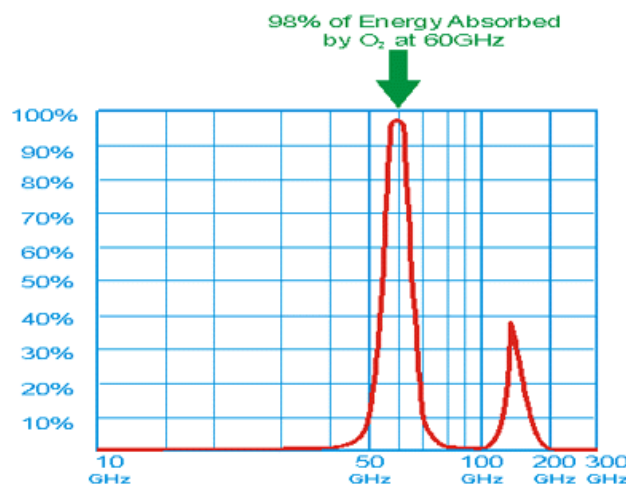


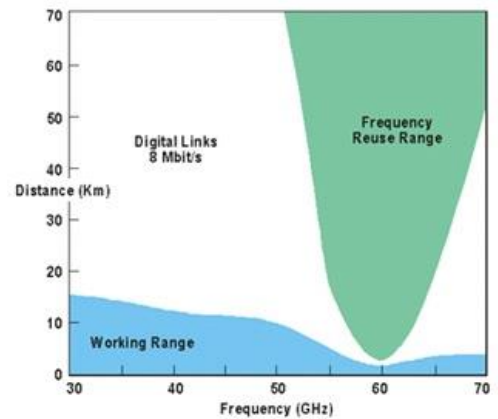
Figure 1: Dry Atmospheric Absorption per Kilometer

The benefit of Oxygen absorption relative to frequency re-use is detailed in figure 2. **Figure 2** illustrates the distance relationship between the 60GHz frequency reuse range, the green region, and the traditional range, the blue region. Oxygen absorption makes possible the same-frequency reuse within a very localized region of air space. **Operation within the 60GHz millimeter wave spectrum enables very dense interference free deployment of same frequency radio terminals.**

Figure 2: Frequency Reuse Source FCC Bulletin 70A
(Frequency Reuse)¹⁴

A 60GHz communications system must overcome the effects of oxygen absorption, 16dB/KM. In order to operate reliably at even short ranges, **a very focused, narrow-beam antenna must also be employed** to increase the level of signal available to the target receiver. This combination of oxygen absorption and narrow beam transmission enhances the security of the 60GHz radio link, minimizing the probability of unauthorized intercept.

Traditional wireless communications systems operating in the lower frequency ranges of 900MHz to 40GHz often interfere with each other when placed too closely together. In the 60GHz region, the effects of oxygen absorption and the use of narrow beam antennae minimize the probability of interference between the radios. **Theoretically, 100,000 systems operating at 60 GHz can be co-located in a ten square kilometer area without interference problems.** ****15****



Since radios operating at 60GHz transmit only over short distances, the compensation for weather effects is not as great as for systems transmitting one kilometer and beyond. Since the presence of O₂ is fairly consistent at ground level, its effect on 60GHz radio propagation is easily modeled for margin budgeting purposes. In addition, the high level of attenuation from oxygen absorption makes even the worst weather-related attenuation insignificant, especially on the short paths where 60GHz systems operate. Even extremely heavy rainfall, 25mm/hr (5dB/KM), will make only a very small percentage contribution to aggregate attenuation in the 60GHz oxygen absorption region.

Currently, the Federal Communications Commission (FCC) has allocated the millimeter wave RF spectrum from 57.05 to 64GHz for unlicensed use under Part 15. All wireless equipment operating at 60GHz must obtain FCC Part 15 type certification. Once certified, the product can be deployed license-free throughout the United States. This unlicensed frequency spectrum allows the end-user to avoid the added cost of regional spectrum auctions held by the FCC or competition for the limited number of licensed bands.

Due to the unique characteristics of the 60GHz millimeter wave region and the raw bandwidth available, wireless communication at 60GHz offers a reliable "last mile" alternative to installing physical fiber. 60GHz communications systems can be used for a variety of applications, including metropolitan area networks, campus networks, network backbones, network branch links, temporary emergency restoration and local access.

This next author defends the exploration and justification of the telecommunication's use of 5G technology into the millimeter bandwidth due to congestive use in the lower cm bandwidth. His charts display good explanations of his talking points supporting the invasion into the very narrow "Oxygen absorption band". For those not in the telecom field, some of the unfamiliar terms he will be using are "db", "backscattering" and "attenuation of signals".¹⁶ If we are thinking of expanding into the optical "visual light" (THF) spectrum, then we will be messing with energy levels that change the electron orbit levels. That now must be 7G, 8G "Borg" technology mentioned by Cyrus Parsa. Frightening!

¹⁴ Frequency reuse" refers to the ability for two or more radio stations to use the same frequency if they are separated by a certain distance. In my area I listen to 91.3FM (91.3 Mhz) but I am in a transitional area where another radio station using the same frequency "butts in" if I move the radio or the antenna or drive up the block. Here Hokusui is showing that at the 60Ghz frequency multiple stations or cell towers up to 70KM away could use the same frequency in compared to say 40Ghz where that would not be possible for a station 10Km away.

¹⁵ ****Hokusui** has just discussed the most serious problem we now face with 5G – placing so many cell phone towers and relay systems with multiple systems operating at the same 60GHz frequency in a confined region without any testing on what the health hazards would be! WOW! will there be any Oxygen left ALIVE???

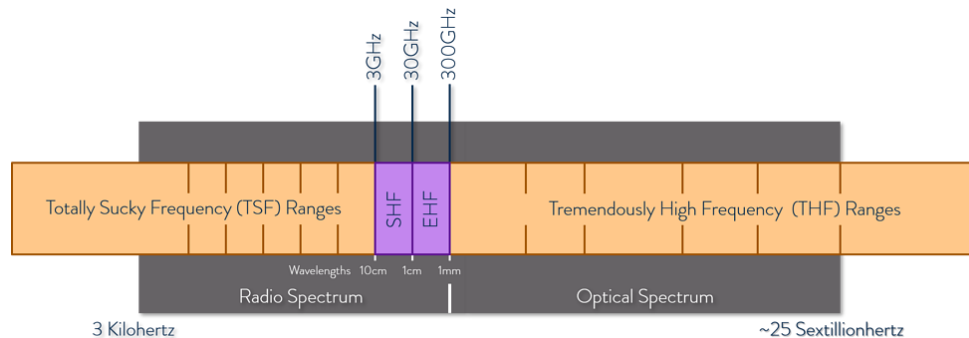
¹⁶ **Db** = decibel milliwatts. A power ratio in reference to one milliwatt used in radio microwave communication networks mostly as a 1 watt = 1000mw "signal to noise" ratio. A power level of 0db (or dbm) corresponds to a power of one milliwatt, a level of 3dbm to a power of 2mw, etc. **Attenuation** is the reduction of the force, effect or value of something which is the wave or oxygen in this case. **Backscattering** (aka diffuse reflection) is the act of reflecting particles (waves or signals) in many angles back in the general direction of their source.

“Working with millimeter waves: A tale of 5G new radio”

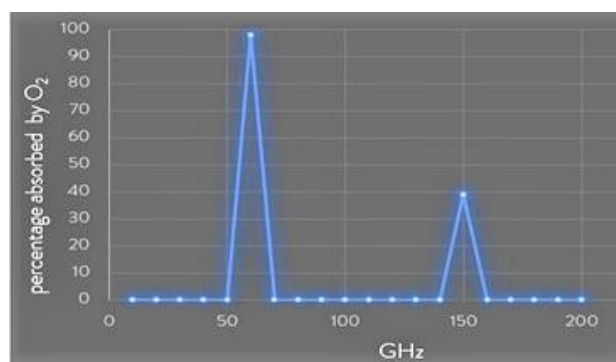
BY SIMON DREDGE ON APR 26, 2019 7:15:22 AM

FROM: [HTTPS://WWW.METASWITCH.COM/BLOG/WORKING-WITH-MILLIMETER-WAVES-A-TALE-OF-5G-NEW-RADIO](https://www.metaswitch.com/blog/working-with-millimeter-waves-a-tale-of-5g-new-radio)

Enough with competing against the electromagnetic radiation of every other household wireless device and appliance in the stuffed 3kHz-to-6GHz range. ...Coming in at 24GHz, 5G has rocketed up the spectrum charts. Sure, 5G can play in the sub-6GHz arena, but there's little to be gained in doing so over current 4G implementations, in terms of speed and capacity. Having that ability, however, will prove useful during the long winter migration from 4G, simply because the nature of the millimeter wavelengths in those higher frequencies requires fundamentally different RF design characteristics than the centimeter wavelengths of today. At the upper reaches of what is known, pointedly, as the Super High Frequency (SHF) band, 5G will extend into the Extremely High Frequency (EHF) band, which represents the 30GHz-to-300GHz frequencies. With the bands following the EHF range referred to as Tremendously High Frequencies (THF), I can only assume that those preceding SHF are known as the Totally Sucky Frequency (TSF) bands, but I've not investigated it, to be honest.

*Super and Extremely High Frequency ranges and wavelengths*

It won't be the first-time wireless communications has dipped its toe into mmWaves. Over a decade ago, WiGig² (aka IEEE 802.11ad) exploded onto the scene touting a high-speed 7Gbps unlicensed wireless data experience from in and around the 60GHz range. That's over 10 times faster than 802.11n at full tilt. OK – when I say “exploded,” I actually mean “trickled,” as immediate use cases and adoption weren't exactly forthcoming. And they likely may never be, for 802.11ad's inherent features present some rather limiting capabilities that result in supporting only very short, error-free distances. **The 60GHz range, you see, is also known as the Oxygen Absorption Band.** This rather ominous title sheds light into why the likes of the FCC are all only too happy to peel off that range for unlicensed use. **At 60GHz, 98% of electromagnetic energy is absorbed by O₂. That's right -- pretty much 100% of radio transmissions are gobbled up by the presence of Oxygen. Yes. That Oxygen.** The very same. 802.11ad is like someone offering you a speedboat that disintegrates on touching water.

The 60GHz Oxygen Absorption Band⁴

All issues aside, the 60GHz band continues to be a contender for Fixed Wireless Access (FWA), given the ability to overcome the issues in that frequency range by simply blasting⁵ **a very focused signal from a stationary source to a static destination.** Employing identical RF techniques to its mobile counterpart, 5G FWA is also an optional application of the lightly licensed 70-80 GHz range.

5G and mm Waves. No -- seriously, this time.

In July 2016, the FCC released its grandly named “Spectrum Frontiers” Report and Order (R&O), authorizing the first allocation of spectrum in the millimeter wavelengths above 24GHz.⁶ ...FCC Auction 101 wrapped up in January 2019 with 40 qualified bids for just over 3,000 licenses in the 27.500 to 28.350 GHz range.⁷ ...the final cost per MHz in the 28GHz band was just \$0.011. One penny per MHz. **The low price associated with Auction 101 was reflective of the amount of additional**

infrastructure that would be required to build out wireless coverage in that wavelength. To be fair, though, this was exacerbated by the fact that Auction 101 covered only 25% of the US population, primarily in suburban or rural counties and not major metropolitan areas. Obviously a more expensive proposition even under the best of radio environments, which mmWaves are far from affording.

When we compare simple Free Space Path Loss (FSPL) -- the attenuation of signals when unhampered by adverse atmospheric conditions, woodlands or man-made objects -- of 2.4GHz and 28GHz frequencies, the difference is in the region of 20dB. Not only does the path loss increase dramatically, but when you start dealing in the mmWave range, you also have to keep a close eye on the weather. Smaller wavelengths suffer from far greater atmospheric attenuation than larger ones. While causing practically no discernible loss at the 2.4GHz range, at 28GHz, heavy rain can add yet another 5dB loss into the mix. ...What this all basically means is that if you are transmitting at an identical power level of, say, 0dB to devices with identical receiver sensitivities of -120dB, a wavelength with a frequency of 2.5GHz could travel ten kilometers, whereas a 28GHz wavelength would fizzle out at around 1km.

The effect of everyday building materials and natural foliage on these higher frequency wavelengths is nothing less than catastrophic. A 2013 report on 28GHz wave reflection and penetration loss from New York University⁸ painted a dark picture for not only the prospect of cellular service covering the interiors of buildings but the ability of femtocells to pick up the slack. ...Noting that most exterior glass is now coated or embedded with metal to block of harmful UV, less than 4cm of it resulted in a loss of over 40dB for the 28GHz test signal. In comparison, larger-centimeter wavelengths (lower frequencies) would sail through practically unobstructed. Even a brick wall fared better, with a 28.3dB loss. More shockingly, when transmitting from within an office, it took little more than a few sheetrock walls, doors or cubicles over as little as 11 meters to result in penetration losses in the region of 45dB. Ouch.

Dispelling 5G fairytales

Aside from the fact that mmWaves make decidedly dismal transport mechanisms and, in the U.S. at least, the FCC has yet failed to make any useful spectrum available in any place it could actually be employed, their application in next-generation mobile infrastructure is practically a given. **Naturally, there are antenna evolutions that serve to mitigate mmWave shortcomings, specifically massive multiple-input-multiple-output (MIMO) of dual-polarized waves with beamforming.** These were topics I was going to hit in this post but having already gone on for far longer than expected on just the waves themselves, I figured we all needed a break. Regardless, **the simple fact is that 5G buildouts -- even when they are within densely populated areas and simply for fixed wireless access, at first -- are going to demand a dramatic increase in infrastructure over 4G.**

We Jacks in this tale of radio giants, must do our part to support the deployment of more highly distributed packet processing engines than has ever been seen before. These new network functions must be more agile and more cost effective than those of the past and present. Clearly, this is the domain of a new breed of vendor -- one that is versed in delivering software solutions that are deployable, on demand, in edge cloud computing environments but with performance characteristics that meet or exceed the capabilities of fixed hardware solutions. We must grab those golden eggs and run.

Sources cited in this excerpt of Simon Dredge's article can be found at:

<https://www.metaswitch.com/blog/working-with-millimeter-waves-a-tale-of-5g-new-radio>

In this next research study on 5G, the authors define the difference between the frequency used in most 4G wi-fi devices at the 2.4GHz level vs the new development of "Gi-fi" at 57-64GHz. It is basically a slide show presentation in which I have taken notes and presented them here and to sum up what has been learned.

"Gi Fi", presented by Ajmal Khan under the guidance of Mrs. Basima Yoosaf, assistant professor, Department of CSE. Published 21 August 2014. <https://www.slideshare.net/Ajmalkhan009/gifi-38219088>

The most recent wi-fi being used known as "4G" uses the 2.4Gigahertz frequency, i.e. waves coming at you, through you, around you at 2,400,000,000 cycles per second at the speed of light from the source before they dissipate. The range of these waves for WI-FI is about 100-300 meters. However, when we get to the "GI-FI" 5G range we are in the Oxygen absorption band and the waves can only travel a much less distance thus the need for more antennas between them to relay and transfer the signals before it gets to your smart phone or other devices. This is explained more in the chart "Why 60GHZ?" where the telecom professionals give their rationale for using the 60GHz band. The second chart "Why 60GHZ? con't" also gives their rationale for using this band

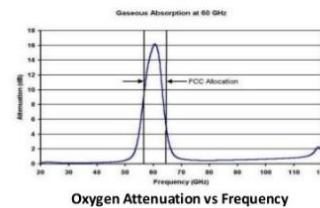
and once again displays the “Oxygen absorption band” surrounding its peak at 60GHz. 5G and mmWave technology is one part of what 5G networks will be using. It is the radio frequency spectrum between 24GHz and 100GHz. It is in this band that the length of the waves gets much smaller compared to the larger radio frequency waves. At 60GHz the wavelength is about 5 millimeters (5mm). This part of the electromagnetic spectrum has never been used before, so it opens up more bandwidth to allow broadcasters to be freer from the congested lower bandwidths earlier internet (3G, 4G), radio and TV signals were using. 4G LTE networks for example, typically used the 800 to 3,000MHz (3.0GHz) range. The bonus of the shorter wavelengths in the mmWave region is that they can transfer data faster, but the downside is the distance they can survive is shorter which means MORE ANTENNAS are needed to transfer the data to your phone.

WHY 60GHZ?

- This frequency band is currently mostly unused.
- Here we will use millimeter wave antenna which will operate at 60 GHz frequency which is unlined band.
- Millimeter-wave range of the spectrum makes possible high component on-chip integration.
- Allows the integration of very small high gain arrays.
- Immunity to co-channel interface.
- High security.
- Frequency re-use.
- Point-to-point wireless systems operating at 60 GHz have been used for many years for satellite-to-satellite communications.

WHY 60GHZ? (cont)

- High oxygen absorption at 60GHz (10-15 dB/Km).
- Absorption attenuates 60 GHz signals over distance, so that signals cannot travel far beyond their intended recipient.
- 60GHz is an excellent choice for covert communications.



This system is meant to eliminate congestion during internet “rush hour” when tons of people are trying to access the internet at the same time, but what is the price we will pay with our health? The implementation of 5G does not mean that 4G and 3G will disappear, it just means that it is available if we want to demand it and if we want to use it. We still have a choice. Faster service may not mean better and healthier service! Without proper INDEPENDENT testing of these 5G frequencies on the human population, we have unknowingly become Guinea pigs in their studies. They may not have been tabulating results but the results that many are seeing is that 5G frequencies are indeed causing immunosuppression and are indeed causing severe disruptions in the body’s ability to absorb and utilize Oxygen into the body which is leading to respiratory illnesses.

Early Health Warnings about implementation of 5G towers and antennas

At Weston Elementary school in Lipon, California, a cell phone tower was placed on the campus of an elementary school. Ten-year-old Kyle was soon diagnosed with kidney cancer in 2016. Five months later Kyle’s classmate Mason developed brain cancer. Two more kids at the school later were diagnosed with cancer. The parents took action and forced Sprint to shut down the cellphone tower on the campus as the parents were adamant that their kids were being exposed to harmful radiation. Sprint said “*the tower is safe and has operated well below federal safety limits*”. Two more tests were performed to measure the RF exposure – one by the school district engineers and another by the parents own investigator who found much higher RF levels than the district did but still within government safety standards.¹⁷ These government standards are obviously too low and whatever testing they did to come up with those figures need to be redone. Dr. Martin Pall, PhD, and Professor Emeritus of Biochemistry and Basic Medical Sciences at Washington State University had this to say about the lack of biological safety tests:

“Putting in tens of millions of 5G antennae without a single biological test of safety has got to be about the stupidest idea anyone has had in the history of the world. ... We can be assured, therefore, that 5G will involve vastly more pulsation than do EMFs that we are currently exposed to. It follows from that, that any biological safety test of 5G must use the very rapid pulsations including whatever very short term spikes may be present, that are to be present in genuine 5G.”¹⁸

¹⁷ CBS News This Morning: “After several childhood cancer cases at one school, parents question radiation from cell tower”; 4 April 2019.

<https://www.cbsnews.com/news/cell-tower-shut-down-some-california-parents-link-to-several-cases-of-childhood-cancer/>

¹⁸ Pall, Martin: “5G: Great risk for EU, U.S. and International Health! Compelling Evidence for Eight Distinct Types of Great Harm Caused by Electromagnetic Field (EMF) Exposures and the Mechanism that Causes Them.” Washington State University, 17 May 2018.

<https://www.emfacts.com/2018/08/martin-palls-book-on-5g-is-available-online/>

Dr. Pall had years before this article, wrote about the dangers of Electromagnetic field (EMF) over-exposure from cell phone radiation and other devices:

Two U.S. government reports from the 1970s to 1980s provide evidence for many neuropsychiatric effects of non-thermal microwave EMFs, based on occupational exposure studies. 18 more recent epidemiological studies, provide substantial evidence that microwave EMFs from cell/mobile phone base stations, excessive cell/mobile phone usage and from wireless smart meters can each produce similar patterns of neuropsychiatric effects, with several of these studies showing clear dose–response relationships.”¹⁹

Lloyd Burrell is a researcher of 5G who lived in close vicinity to several cell phone towers and slowly became sick for six months after the breakdown of his immune system. It took him a while before he realized what the true problem of his illness was. He decided not to remain silent about it and to write about it to education others.

*“At the moment, with 10,000 recently installed 5G antennas plastering its city, Wuhan is probably one of the most 5G-electropolluted cities on the planet...South Korea has the second highest number of 5G antennas with 75,000. That is a lot for a country its size. In correlation with 5G testing...cases of panic in cattle in the Netherlands...and hundreds of birds dropping from the sky due to sudden cardiac arrest during three days of 5G testing in a park near Rotterdam.²⁰ ...we can conclude that **the real problem here may very well in fact be with the 5G electromagnetic radiation weakening people’s immune systems, not to mention possibly making the virus itself more virulent.** And if this is true and if China does not change course, 5G might very well become its – and the rest of the world’s Titanic – with the COVID-19 (and others like it) its icebergs...”²¹*

The mystery as to why so many elderly at the Kirkland Life Care center died quickly may be related to what happened to the elderly who died quickly in Italy. They were just filled with other immune suppressed conditions and when the coronavirus hit, the body could not deal with it. I certainly would like to know how many of them used cell phones regularly and if they had 5G capability at the facility. The nearest cell phone tower²² to the Kirkland, Washington Life Care Center is about 2,000 feet to the east near Edith Moulton Park just west of the Heronfield Wetlands but where the antennas are located are unknown at this time. The nearby Evergreen Health Medical Center, where many of these patients were taken to, has three single antenna and one “multiple antennas” on the Evergreen Medical Center campus and an “unregistered tower” about 500 feet away according to the antennasearch.com site. The nearest 5G tower appears to be located in Bellevue at Sunset Hills Memorial Park, about 10 miles south of the Evergreen Medical Center. 5G towers require a nearby network of antennas to relay the signal to so if the Evergreen Medical center is using 5G, that Bellevue tower would be the source.

Early Warnings and future Predictions of a coming viral Pandemic!

This next research study discusses more questions about the damaging effects of 5G radiation and really looks deep into the question as to if people are actually sick from “microwave illness” but blaming it on a coronavirus. Their website contains a multitude of links regarding EMF radiation. Within the research are some very interesting predictions of a coming pandemic. Sometimes the good guys covertly warn us what the dark side is planning. In the earlier “Wizard of Oz” movie came the ALL CAPS NAME “STRAWMAN” and the T.I.N. Man (Tax Identification Number) and the “Man behind the curtain”. With the movie “The Matrix”, we are notified that a robotic force of machines has tricked us into believing that we are in a joyful reality of life in a virtual reality but are really enslaved as they feed on our energy, eating us whole eventually. Some of these following predictions could be one of those warnings!

¹⁹ Pall, Martin: “Microwave frequency electromagnetic fields (EMFs) produce widespread neuropsychiatric effects including depression”; Journal of Chemical Neuroanatomy, Vol.75, Part B, pages. 43-51, Sept.2016. <https://www.sciencedirect.com/science/article/pii/S0891061815000599>

²⁰ Elizabeth E. “Hundreds of birds dead during 5G experiment...” 5 Nov 2018, www.healthnutnews.com

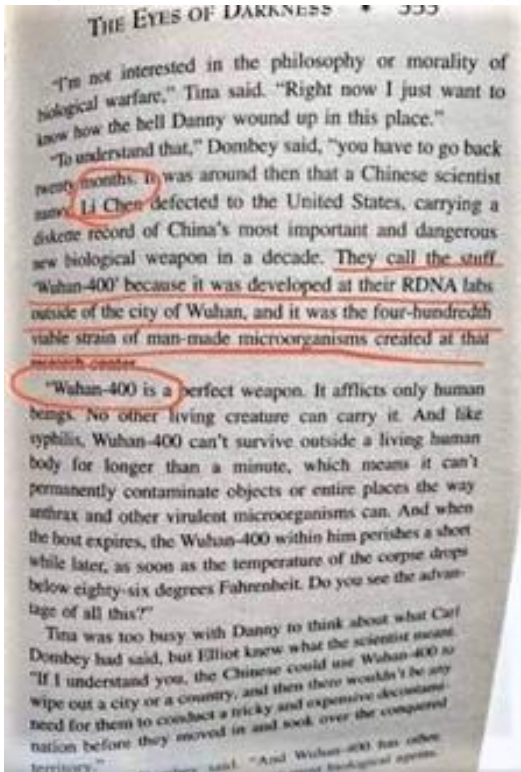
²¹ Lloyd Burrell: “China, 5G, and the Wuhan Coronavirus: The Emperor’s New Virus.” –, ElectricSense, March 04, 2020. <https://www.electricsense.com/5g-coronavirus/>

²² <https://www.emf-experts.com/cell-tower.html>

"Is the "Coronavirus" Actually Microwave illness from 4G and 5G Radiation?"

Jeanice Barcelo, January 31, 2020. From: <http://www.radiation dangers.com/5g/is-the-coronavirus-actually-microwave-illness/>

"Behold the insanity of those who deviously plan over decades and centuries about the ways they intend to harm us and/or gain control over us." This book was published in 1981. This is page 353 of the book "The Eyes of Darkness" by an author using the name "Koontz". "Koontz" has apparently written many books under various pseudonyms. And so it was the case



with *The Eyes of Darkness*, which was originally released in 1981 under the fake name of Leigh Nichols. Not only does this book mention a "bioweapon" from Wuhan, China, but on the very next page, also mentions the "Ebola virus" from Africa:

"...you can become an infectious carrier only four hours after coming into contact with the virus. That's an incredibly short incubation period. Once infected, no one lives more than twenty-four hours. Most die in twelve. Its worse than the Ebola virus in Africa – infinitely worse. Wuhan-400's kill-rate is one hundred percent. No one is supposed to survive. The Chinese tested it on God knows how many political prisoners. They were never able to find an antibody or an antibiotic that was effective against it. The virus migrates to the brain cell..." - Koontz, page 354.

Are we being warned by the insider 'good guys' or those dark forces cooking up these plans and then these writers tacitly relaying the message to us? If we don't object, then they believe they have been given "the green light" by us to go ahead with their plans and thereby avoid spiritual consequences. I for one DO NOT CONSENT and I do not STANDUNDER! They Shall NOT Pass!!!

Here was another warning by psychic Sylvia Celeste Browne. She was well known back in the late 20th century when she regularly appeared on television and radio shows like "The Montel Williams Show" and "Larry King Live". Some say she got more wrong than she got right, but in her book entitled "End of Days", published in the year 2008, Sylvia Browne wrote the following:

"In around 2020 a severe pneumonia-like illness will spread throughout the globe, attacking the lungs and the bronchial tubes and resisting all known treatments. Almost more baffling than the illness itself will be the fact that it will suddenly vanish as quickly as it arrived, attack again ten years later, and then disappear completely."²³

Hopefully her prediction about it 'vanishing as quickly as it arrived' will occur before summer! Perhaps we will have come to our senses and shut off 5G and the internet or have an accidental internet crash for a couple of weeks while people suddenly recover! Watch out! And take cover for that **CORONAL** mass ejection EMP Pulse!

Bill Gates is one of the richest men in the world. He supports many various philanthropic endeavors. Well before this current epidemic, the coronavirus was patented. This patenting of the coronavirus had raised the eyebrows of many as to why this was done and for what purpose. The fact that Microsoft Billionaire Bill Gates was one of the funders made people start thinking some kind of future event was forthcoming. Especially after Bill Gates made the following statement while speaking at the Massachusetts medical society and the New England Journal of Medicine:

"There was no feeling of urgency when faced with biological threats. The world needs to prepare for a pandemic the way the military prepares for a deadly viral war. This includes simulations and other preparedness exercises so we can better understand how diseases will spread and how to deal with things like quarantine and communication to minimize panic...this animated simulation by the

²³ Browne, Sylvia: "End of Days: Predictions and Prophecies about the End of the World": pg. 312. June 2008. Dutton Penguin Group Publisher.

institute for disease modeling shows what will happen if highly infectious sends deadly pathogens such as the 1918 flu will occur today. Nearly 33 million people worldwide will died in just six months.”²⁴

This next review is from a short 9 min video that is Mind-blowing! It was released two years ago and lots of it have come true! This could be the warning and endgame of the darkside that we hope does NOT come true!

“Urgent! Forbidden information, a must watch! 5G is a kill grid that will lead to forced vaccinations”: Joe Bryant (or Breeyan?) 10Feb2018. From: <https://www.youtube.com/watch?v=oY5SReQ2Kqc>

“The FCC has opened up the millimeter wave band and they’re going to be broadcasting at 60 GHz... for the new 5G and the new Wifi. It’s called wi-gig... This stuff is wicked. 60GHz is the oxygen molecule absorption spectrum... This is the frequency that the oxygen molecules start reacting to... They’re gonna be using 5G to mess with oxygen... When you hit oxygen molecules with 60GHz millimeter emissions, it effects the orbital properties of the electrons... [This will affect] how oxygen is absorbed into your body... When you start effecting the oxygen molecules’ ability to bind with the hemoglobin in the blood, you can’t transport the oxygen into your tissues... It also effects your ability to produce Vitamin D... 60GHz is a weapon!...it doesn’t travel far, trees block it, low E on your windows block it, metal blocks it, you can buy paint that block it...if you have this stuff in your house, it’s a slow killer... There are two locations in the United States where this was rolled out in schools. It produced paralysis, arrhythmia, neurological problems, problems with tingling in the extremities, people passing out, people having fatigue, malaise, all these bizarre ailments... when they turn it on it’s gonna seem like polio came back and they will have a vaccine ready for you...they are going to roll out a microwave weaponry system that is going to induce symptom that people are going to think are a new type of virulent strain of polio or some sort of neural invasive encephalitis or paralytic disease that they are going to blame on some newly discovered strain or other and they’re gonna have a shot ready for you...” **WOW!!!**

Microwaves Radiation Sickness

This is something that has been scientifically proven. Here is the dictionary definition of it:

Merriam-Webster Medical Definition of *microwave sickness*

: A condition of impaired health reported especially in the Russian medical literature that is characterized by headaches, anxiety, sleep disturbances, fatigue, and difficulty in concentrating and by changes in the cardiovascular and central nervous systems and that is held to be caused by prolonged exposure to low-intensity microwave radiation.

<https://www.merriam-webster.com/medical/microwave%20sickness>

One organization that assists veterans who have had over exposure to microwaves while in military service is the Microwave Injured Veterans Network (MIVN). On their website <https://www.microwavedvets.com/bio-effects> they state the following:

“MIVN believes that the Undiagnosed Illnesses category at the VA is consistent with the very distinct and known microwave injury pathology. Benefits are only awarded to Gulf War veterans when in reality the injuries likely began in 1947 with the widespread deployment and use of microwave radars. There is a possibility that the Gulf War highlighted the problem because a glut of collocated microwave devices had likely sent too much photon energy down range. This is where the SSPW chart mindset may be dangerous to U.S. forces.”

When MIVN is asked about microwaves and the coronavirus MIVN states their answers to the questions:

1. Can immunosuppressive cell tower radiation increase chances of new and potentially deadly virus outbreaks such as the coronavirus? [Yes, stop 5G now.](#) Read the Appeal by Global Scientists and Researchers to stop 5G.²⁵

²⁴ Kevin Loria: “Bill Gates thinks a coming disease could kill 30 million people within 6 months” Business Insider, 27 April 2018. There are plenty of other sources for this. Here are two others: <https://www.businessinsider.com/bill-gates-warns-the-next-pandemic-disease-is-coming-2018-4>. <https://www.thesun.co.uk/news/10814760/bill-gates-predicted-coronavirus-simulation-33-million-die/>

To view Gate’s computer simulation: <https://www.digitaltrends.com/cool-tech/bill-gates-larry-page-fight-flu/>

²⁵ They give two weblinks to this answer at: <https://blogs.scientificamerican.com/observations/we-have-no-reason-to-believe-5g-is-safe/> and <https://ehtrust.org/wp-content/uploads/Scientist-5G-appeal-2017.pdf>

2. Are Microwave Injured Veterans More Likely to be Affected by Viruses?

Yes. Microwave radiation can cause immunosuppressive injuries. Until now this network hasn't felt the need to highlight those microwave related immunosuppressive injuries because there are many other microwave related injuries that typically come to the forefront. ...Until the 5G microwave systems are turned off world-wide; more deadly viruses are likely to break out and spread. In fact, it is predictable because it is the nature of microwave devices (e.g. cell towers, WiFi, cell phones, etc). 5G is the most powerful of all of these microwave devices and therefore the most immunosuppressive. 5G turned off globally equals better chances of healing naturally from viruses. Look at the list of 5G systems in the gray box image. Anyone, including the general public, living in similar multiple microwave conditions who contracts a potentially deadly virus has a higher chance of not surviving than someone that has no artificial electromagnetic field environmental presence.

Maps are displayed where you can go to links showing where cell phone towers are located in your area. You just put in a zip code and it will pull up "Towers" and "Antennas". One source I've used is at www.antennasearch.com We've known for a long time that people DON'T BUILD HOUSES UNDER ELECTRICAL LINES! Not even the animals like it under those wires. So what makes people think that something much more powerful like a 5G tower or antenna near the house they live in is not going to be dangerous?

This next article review is from scientific American and is one of the weblinks cited by the above review of the Microwave Injured Veterans Network report. It discusses how 240 scientists have agreed that electromagnetic fields have biological health effects on humans.

"We Have No Reason to Believe 5G Is Safe." *The technology is coming, but contrary to what some people say, there could be health risks".* By [Joel M. Moskowitz](#) on October 17, 2019
<https://blogs.scientificamerican.com/observations/we-have-no-reason-to-believe-5g-is-safe/>

The preponderance of peer-reviewed research, more than 500 studies, have found harmful biologic or health effects from exposure to RFR at intensities too low to cause significant heating. Citing this large body of research, more than 240 scientists who have published peer-reviewed research on the biologic and health effects of nonionizing electromagnetic fields (EMF) signed the International EMF Scientist Appeal, which calls for stronger exposure limits. The appeal makes the following assertions:

"Numerous recent scientific publications have shown that EMF affects living organisms at levels well below most international and national guidelines. Effects include increased cancer risk, cellular stress, increase in harmful free radicals, genetic damages, structural and functional changes of the reproductive system, learning and memory deficits, neurological disorders, and negative impacts on general well-being in humans. Damage goes well beyond the human race, as there is growing evidence of harmful effects to both plant and animal life."

The scientists who signed this appeal arguably constitute the majority of experts on the effects of nonionizing radiation. They have published more than 2,000 papers and letters on EMF in professional journals. ...The latest cellular technology, 5G, will employ millimeter waves for the first time in addition to microwaves that have been in use for older cellular technologies, 2G through 4G. Given limited reach, 5G will require cell antennas every 100 to 200 meters, exposing many people to millimeter wave radiation. 5G also employs new technologies (e.g., active antennas capable of beam-forming; phased arrays; massive multiple inputs and outputs, known as massive MIMO) which pose unique challenges for measuring exposures.

I can see why 5G is not going to be coming to the open rural areas of the country because there are not enough customer\$ there to financially support placing towers every 100 to 200 meters. However, that can definitely be done in the big city where the Universities are and the densely heavy populations are living.

Delays, missed opportunities and testing problems causing American chaos and confusion

South Korea had the second largest outbreak of the coronavirus but their death rate and spread of the virus is far lower than any other nation. Our Nation is far behind with what they have done to mitigate the spread of the disease and death rate. The difference is that they jumped on it from the beginning. On January 16th South

Korean Molecular Biotech Company prepared to make testing kits before any confirmed cases had occurred.²⁶ The University of Washington was given permission to also develop a test in late January but by 4 February when Secretary of Health and Human Services Alex Azar declared a public-health emergency, new regulatory standards were put in place forcing any lab who wanted to do testing now had to secure “Emergency Use Authorization” (EUA) from the FDA via both email **AND** a snail mail physical copy. Testing for the coronavirus at the UW virology lab was temporarily halted. This caused the first delay in testing.

On 5 February 2020, two weeks after a Seattle resident who had visited relatives in Wuhan was diagnosed with COVID-19, the CDC in Atlanta began sending the first 90 diagnostic test kits to all 50 states and Washington D.C. to their city and county public-health laboratories. For the local health officials to validate the earlier CDC testing done in Atlanta, they had to do “Test Verification”. Unfortunately, by February 8th, only eight testing labs were able to verify that they worked while 41 labs had inconclusive results or had problems with two reagents.²⁷ The test kits were faulty! How could this happen in the United States of America during a time of crisis? This THREE-WEEK delay of the CDC to get working test kits to health labs made it impossible for public health authorities in hotspots like Seattle and New York to accurately perceive how far and how fast the disease was spreading. This could be the difference between cities getting “locked down” due to exponential growth and early intervention to avoid that situation. Seattle, Washington State, New York City and New York State were victims of the contaminated reagents in the tests giving Governors Jay Inslee and Andrew Cuomo more problems than they should have had to deal with. New York didn’t wait for another CDC approved test and the FDA approved their application to develop their own on leap-year day. With California, a patient had been transferred to UC Davis Medical Center on February 19th and the test for COVID-19 was requested from the CDC. However, since the patient did not fit the profile of traveling from or having contact with a person known to be positive, he didn’t fit the profile for a test approval. It took another four days for the CDC to approve a COVID-19 test. He turned out to be the first patient to be infected from community exposure.²⁸ By February 28th, the WHO had shipped testing kits to 57 countries. China was doing 1.6 million tests a week; South Korea had tested 65,000 people but by this date we in America had only 459 people tested since the epidemic began here.²⁹ The South Koreans were testing 20,000 people daily as of early March.³⁰

Those CDC delays were not as eye raising as what happened next. While awaiting approval from the CDC for testing coronavirus, the University of Washington lab scientists at the end of February decided not to wait to untie the red tape, so they “*customized a genetic test, similar in design to what they’d used for influenza viruses, so that it could identify genetic sequences of the new coronavirus*”³¹ and went back (without authorization) to the three hundred people they had tested for the flu in early February and retested the samples for coronavirus. Two positive results were discovered which turned out to be Washington’s second and third COVID-19 patients! The genome sequence was posted online at GISAID for others to examine. The EUA regulations however, prohibited the UW lab from reporting the results to the doctors who had ‘ONLY’ ordered the flu tests for their patients. The UW people did find a way around the red tape by notifying the state lab that a certain patient “should be tested.”

No one had a contingency plan for the possibility that the CDC could end up producing a faulty test and the Federal government did not recognize this focal point of failure. Our trust in them has now eroded. Even when President Trump announced on March 6th that “*anyone who wanted a test could get one*”, the up-graded CDC testing procedure was still not both viable and available. That presidential announcement came 8-weeks **AFTER**

²⁶ Watson, Ivan, et.al. “How this South Korean company created coronavirus test kits in three weeks”; 12 March 2020.

<https://www.cnn.com/2020/03/12/asia/coronavirus-south-korea-testing-intl-hnk/index.html>

²⁷ Baird, Robert: “What went wrong with Coronavirus testing in the U.S.”; The New Yorker, 16 March 2020. www.newyorker.com; and “Behind Coronavirus testing debacle”: The Seattle Times, 20 March 2020, pages A1 and A7. Lewis Kamb, Seattle Times staff reporter.

²⁸ UC Davis University news: “Coronavirus Patient and precautions at UC David Medical Center”, 26 Feb 2020,

<https://www.ucdavis.edu/coronavirus/news/patient-and-precautions-uc-davis-medical-center>

²⁹ Cohen, Jon: “The United States badly bungled coronavirus testing- but things may soon improve. Science, 28 Feb 2020.

<https://www.sciencemag.org/news/2020/02/united-states-badly-bungled-coronavirus-testing-things-may-soon-improve>

³⁰ Khazan, Olga: “The 4 key reasons the U.S. is so behind on coronavirus testing”; The Atlantic, 13 March 2020.

³¹ Maxmen, Amy: “The race to unravel the biggest coronavirus outbreak in the United States”; Nature News, 6 March 2020.

<https://www.nature.com/articles/d41586-020-00676-3>

Chinese government officials had announced that a novel coronavirus, they called SARS-CoV-2 was responsible for an upsurge of pneumonia cases in Wuhan, China. They had also uploaded on 10 January 2020 a copy of the genome of the virus to an online repository for virologist around the world to develop diagnostic tests for this new disease. The Germans led by Christian Drosten submitted the first paper describing the protocol for testing for SARS-CoV-2 on the 21st of January. This was the universal test used by the World Health Organization. However, the United States decided that the CDC would finalize its own test which led to the delay. This was first proposed by Scott Becker, CEO of the Association of Public Health Laboratories in Maryland. The WHO test was proven to have been valid but that we didn't trust it may prove to be a major historical mistake.

The WHO test may not have been 100% reliable but it was a start and appears to have been successful in Asian and European countries hit first. According to a March 5th paper, statistics showed that the false-positive rate is high and this is one report (well after the fact) may have been the earlier reason for federal agencies influencing the CDC to develop their own test:

“Objective: As the prevention and control of COVID-19 continues to advance, the active nucleic acid test screening in the close contacts of the patients has been carrying out in many parts of China. However, the false-positive rate of positive results in the screening has not been reported up to now. But to clarify the false-positive rate during screening is important in COVID-19 control and prevention. ...Results: When the infection rate of the close contacts and the sensitivity and specificity of reported results were taken as the point estimates, the positive predictive value of the active screening was only 19.67%, in contrast, the false-positive rate of positive results was 80.33%. ...Conclusions: In the close contacts of COVID-19 patients, nearly half or even more of the 'asymptomatic infected individuals' reported in the active nucleic acid test screening might be false positives.”³²

We know that false positives are going to be true with many tests. However, since other countries were using this test with good results, I think that the decision by the CDC to develop their own test but doing no testing at all during the interim when they could have been using the WHO test while waiting until the CDC test proved valid, was a big mistake.

Government Chaos

U.S. Senators speak out

Seattle was the first state of the Union to experience the first coronavirus patient in January and the first coronavirus death on 29 February. Despite numerous early warnings to the CDC and the FDA that something was about to happen in Seattle with a likely spread of the virus, multiple delays were experienced and questions to the Vice President and the two agencies went unanswered. This allowed the coronavirus to plant a foothold in the state becoming ground zero for the virus outbreak by the first week of March. Patty Murray, U.S. Senator for the state of Washington, sent a letter on 19 March 2020 to the Inspector General asking for an investigation regarding misinformation that the Federal Drug Administration (FDA) and the Center of Disease Control (CDC) gave her starting in late January on coronavirus tests. Murray claimed that both agencies misled her office about their preparedness and response to this outbreak. She told the U.S. Inspector General that people in Washington want answers about the limited supplies of tests the long delays in analyzing samples, difficulties of supplies and lack of reporting results:

“We had been assured by the CDC and FDA from the end of January that tests were being sent to our state. Two weeks later we find out that they weren't. A few weeks later they're saying that we're gonna have a million, there wasn't. Then the Vice President is telling us that there is a million and a half, the secretary of health education four million, none of that true!” – U.S. Senator Patty Murray, MSNBC interview, 20 March 2020.

Murray had written to Vice President Pence on March 5th asking for detailed information on where the government stands on test kits, including how many would be deployed, how many people could be tested and why the government did not use a test that had been approved by the World Health Organization. The letter gave Pence

³² Zhonghua, Zhuang, Shen, et.al.: “Potential False-Positive Rate Among the ‘Asymptomatic Infected Individuals’ in Close Contacts of COVID-19 Patients”; U.S. National Library of Medicine, 5 March 2020. <https://pubmed.ncbi.nlm.nih.gov/32133832/>

a deadline of Thursday (March 19) to provide answers, but a Murray spokesman said her office did not receive any.³³

CNN's Fredricka Whitfield interviewed former U.S. Senator Barbara Boxer, who had this to say when asked about the subject of the coronavirus pandemic that has hit California and the rest of the country:

"I don't know all the details, but it just doesn't seem right. How is it that in our country we are on the cutting edge of science, we are the cutting edge of technology, we have silicon valley, we have all the universities and somehow in this great country we couldn't get enough good tests. Something is wrong there with the Federal government. I've never seen anything like it. We were late to the game. I think Trump was more interested in kind of covering the whole thing up so the market wouldn't crash and now we have a market that crashes on a daily basis and we have the spread of this virus. If you don't have the test it's like walking around with a blindfold..." - Barbara Boxer, CNN interview, 21 March 2020

I've already reviewed how the CDC faulty tests caused at least a 3-week delay in having earlier COVID-19 testing done in Seattle and New York City which were the first two cities in America with major outbreaks. The Federal Government did have a division within itself but eliminated it in 2018. One of the things discovered during the Obama administration was that when the Ebola outbreak occurred there was need for readiness and proper response. Thus, before a single case of Ebola had reached here in the United States an "Ebola Task Force" was created. It was run by Vice President Joe Biden's former Chief of Staff Ron Klain. They had prepared for it with the help of \$5.4 billion from Congress to fund an agency inside the Health & Human Services Department in charge of preparing for future contagious disease outbreaks. The department would later become an office at the National Security Council to coordinate responses and raise the alarm early.³⁴ This helped us contain Ebola when the first person in the United States was diagnosed with it in September 2014.

"What I learned most is that we had to stand up a global biosecurity and health directorate, and get it enshrined for the next administration" – Lisa Monaco, Homeland Security Adviser to President Barack Obama

After Trump's election Lisa Monaco set up biosecurity exercises for a response to a deadly flu outbreak for incoming officials Rex Tillerson, John Kelly, Rick Perry and Tom Bossert, all who had been nominees for high-level officials in the Trump Administration. Bossert was to be Trump's homeland security adviser to help run the biosecurity exercise with Monaco. The exercise was a success for the more than two-dozen Trump team members. Here is where things went wrong. By the time the COVID virus began to afflict the Asian Nations and was no doubt coming here, two important factors had been established to thwart any serious effort to prepare for what was coming to the United States of America:

- All of those original high-level officials were gone! Tillerson, Kelly and Perry had been fired or resigned.
- In 2018, Trump's National Security Advisor John Bolton fired Tom Bossert and eliminated the National Security Council directorate meant to deal with the readiness of a pandemic. It had instead been consolidated into an office dedicated to weapons of mass destruction. No more pandemic response team ready to go!

Let's put it straight - We were NOT PREPARED and a Department of HHS simulated flu scenario in 2019 named ***"Crimson Contagion"*** showed in an October 2019 draft report how underfunded, underprepared and uncoordinated the federal government would be ***"in a life-or-death battle with an emerging virus for which no treatment existed"***³⁵. We were caught with our pants down and twisted twice around our heads! Many Americans thought in 2016 that Trump would be a good President because *"He would run the government like a business"*, so the Electoral College voted Trump into office. In a business, as the CEO, you can fire people you don't like on a daily basis if you want and you can hire people you like even if they don't have the experience. But this type of 'revolving door' policy can't work in key government departments where STABILITY, CONTINUITY

³³ Seattle Times, Jim Brunner and Joseph O'Sullivan, staff reporters: "Murray calls for an investigation into coronavirus testing delays"; Friday March 20, 2020 page A6.

³⁴ The Seattle Times: "Before outbreak, a cascade of warnings went unheeded"; David Sanger, et.al. 20 March 2020, page A4.

³⁵ The Chicago Tribune: "Before the coronavirus outbreak, a cascade of warnings went unheeded", David Sanger, et.al. The New York Times. 19 March 2020. <https://www.chicagotribune.com/coronavirus/ct-nw-nyt-coronavirus-outbreak-warnings-20200319-gtmd3dgtwt5ce3fczvehxmmtjqp-story.html>

AND EXPERIENCE IS ABSOLUTELY NECESSARY! *“Who would have thought? Who would have thought we would be even having the subject?”* Trump asked during a visit to the CDC during the first week of March.³⁶

The Trump administration consistently blames China for not informing us ahead of time about the coming pandemic to America. The chronology of the facts say otherwise:

- 31 December 2019 – China notifies the W.H.O. that 41 patients in Wuhan are hospitalized with an unknown respiratory illness.³⁷
- 3 January 2020 – HHS Secretary Alex Azar and other officials were alerted to the initial reports of the virus by discussions that the director of the CDC and prevention had with Chinese colleagues.³⁸
- 6 January 2020 – The New York Times publishes the first report that *“59 People in Wuhan are sickened with a pneumonia-like illness.”* That same day the CDC issued a level 1 travel watch for China’s outbreak.
- 10 January 2020 – After reporting the first death, China uploads the genome of the virus available to all health officials and virologists around the world.
- 22 January 2020 – The first COVID-19 case appeared in Seattle from a man who visited relatives in Wuhan.
- 23 January 2020 – Tucker Carlson on FOX News, the President’s favorite TV channel, announces the following: *“A mysterious virus spreading in China has gotten hundreds of people sick. At the top of the hour, the death count has doubled to nearly 25 so far that we know of. Now, the virus is spreading to this country and fast...”* Carlson also gave similar and more urgent alarms on Jan 27th, Jan 31st, Feb 4th, 5th and 10th.
- 24 January 2020 – Senate Intelligence Chair Richard Burr and other committee members receive important briefings on the coronavirus epidemic. Burr is under fire for selling up to \$1.6 million dollars of stock on Feb. 13th after reassuring the Public the Coronavirus was not a threat. Burr then later gave the following message at a luncheon to an exclusive social club VIP group on Feb 27th:
*“There’s one thing that I can tell you about this: it is much more aggressive in its transmission than anything that we have seen in recent history...it is probably more akin to the 1918 pandemic.”*³⁹
- 31 January 2020 – Trump imposes travel restrictions on China. The warnings from U.S. intelligence agencies given to the White House increased in volume into February from federal intelligence agencies.

That is enough for one month. FACTS NOT FEAR! The president is not to take on the sole blame. It was a systematic failure throughout **ALL** federal government agencies! One thing they must do is stop pissing China off by blaming them. Americans have NO IDEA how much of our drugs, antibiotics (96%), masks and other medicines come from China. On March 4th, the Chinese leadership issued this warning to the U.S.:

“If China retaliates against the United States at this time, in addition to announcing a travel ban on the United States, it will also announce strategic control over medical products, and ban exports to the United States...If China announces that its drugs are for domestic use and bans exports, the United States will fall into the hell of a new coronavirus epidemic.” – FOX NEWS.

CHINA ISSUES WARNING TO U.S.

“If China retaliates against the United States at this time, in addition to announcing a travel ban on the United States, it will also announce strategic control over medical products, and ban exports to the United States...”

MARCH 4

Conclusions

After China got control over the spread of the coronavirus, two countries which responded differently to the coronavirus epidemic are Italy and South Korea so it is worth taking a look as to why one country has few deaths while the other has many. South Korea was under siege from the virus right after China but they quickly jumped on testing their population. As of March 15th, South Korea had tested 248,000 people and confirmed 8,162 cases and 73 deaths by this date.⁴⁰ This is a fatality rate of .009% or 1 out of 112 South Koreans testing positive for the

³⁶ Bertrand, Natasha, et.al. *“America’s National Security Machine stares down a viral threat”*; Politico News, 12 March 2020. <https://www.politico.com/news/2020/03/12/america-national-security-viral-threat-126574>

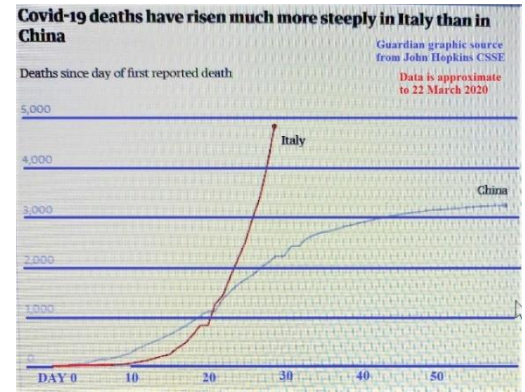
³⁷ Secon, Holly, et.al., op. cit. pg. 3.

³⁸ Harris, Shane, et.al. *“U.S. intelligence reports from January and February warned about a likely pandemic”*; 20 March 2020, The Washington Post. https://www.washingtonpost.com/national-security/us-intelligence-reports-from-january-and-february-warned-about-a-likely-pandemic/2020/03/20/299d8cda-6ad5-11ea-b5f1-a5a804158597_story.html

³⁹ Faturechi and Derek Willis, ProPublica: *“Senator Dumped up to \$1.6 Million of Stock after Reassuring public about coronavirus preparedness”*; 19 March 2020. https://www.huffpost.com/entry/senator-richard-burr-coronavirus-stock_n_5e73e80dc5b6f5b7c5412d6c

⁴⁰ Ioannidis, John: *“A fiasco in the Making? As the coronavirus pandemic takes hold, we are making decisions without reliable data”*; 17 March 2020. <https://www.boston.com/news/health/2020/03/17/coronavirus-decisions-without-reliable-data>

coronavirus died. No “shelter-in-place” orders were given. A week later, according to the John Hopkins website, as of 22 March South Korea had 8,897 confirmed cases of coronavirus and 104 deaths representing a death rate of .0117% or 1 out of 85 people dying who had the virus. 2,909 South Koreans have recovered from the virus. Italy on the other hand is a different story. As of the same March 22 date, Italy had 59,138 cases of infection and 5,476 deaths representing a death rate of .93% or 1 out of every 11 people testing positive have died. What are the differences between these two countries? The outbreak started in the north of Italy in the Lombardy Province which has Switzerland on its northern border. The principal city is Milan. Northern Italy has one of the oldest populations and the worst air quality in Europe which had already increased the number of respiratory diseases. From the statistics provided from a Swiss medical doctor and the Italian ISS of 2,003 patients who died, the average age of the positive tested deceased in Italy is currently about 81 years. 1,425 deaths representing 71% of all Italian coronavirus deaths came out of the Lombardy Province.⁴¹ Of the 2,003 total deaths, 1,757 of the deceased, = 87.7%, were over 70 years old with 1,224 (69.7%) being men. 80% of the deceased had suffered from two or more chronic diseases mainly from cardiovascular and respiratory problems, diabetes and cancer. Less than 1% of the deceased were healthy persons with no pre-existing chronic diseases. 30% of the deceased were women. From these Italian statistics, it is clear that the older population with pre-existing conditions which eventually will lead to their death, are at the highest risk of death once they contract the coronavirus. Men are more than twice as vulnerable than women.



These virus robots are programmed, and this particular COVID-19 is programmed to attack the pulmonary system and mess it up. This is why they say “Don’t touch your face” because the entrance of the virus is through the mouth and nose on its way down to the lungs. It is programmed to slowly incubate some 4 to 6 weeks in the youngest people with good immune systems but rapidly incubating in the older population with weak immune systems who die of it within 2 – 3 weeks once first infection with the virus occurs. Okay, so we do need to follow the protocol of Social distance, staying home as much as possible, eating right, cooking our own meals more often, keeping our immune system strong, getting our killer **CD8 T-cell** troops marching, wiping and cleaning house, limited touching and wash hands, wash hands, wash hands! But will some city in America be the first to step out of the box and “SHUT DOWN YOUR 5G INTERNET SYSTEM?” Or try it for 3-days to a week and see what happens. What do you have to lose? What will be gained by all during an internet vacation is a well needed EMF break which will be good physically, mentally, emotionally and spiritually! An Anti-coronavirus device to stop this thing may be our collective consciousness acting as an EMP PULSE to knock it out!

ARE WE NOT AT WAR WITH THE MACHINES???

We cannot continue to allow atmospheric oxygen to be messed with. In physics, there is what is called an “Oxygen vacancy” which is usually only seen as point defects in metal oxides but could this 60Ghz frequency be causing an Oxygen vacancy in someone’s personal atmosphere somehow when 5G is in use? The molecular orbital energy levels of each oxygen molecule is no doubt disturbed but what are the effects? The science of how electromagnetic radiation interacts with atoms and molecules is called Spectroscopy. This reaction that the atoms, molecules and their electrons have is based on the frequency of light energy or other frequency wave energy that comes at them. The electrons orbiting the nucleus need a very specific amount of energy to excite the electron to “Jump” to a higher-level orbit. A Hydrogen electron in orbit ground state N=1 needs EXACTLY 10.2eV to “Jump” to orbit level N=2 and from level N=2 it needs EXACTLY 1.89eV (electron volts) to “Jump” to orbit level N=3. This 1.89eV amount is infrared light energy at the 656nm (nanometer) level. Simon Dredge (page 12) says this “optical spectrum” is called the “Tremendously High Frequency” (THF) range, so this is already in the consciousness of those who want to introduce 6G, 7G, 8G... that may involve robotic “BORG” technology implanted alongside human tissue! A “Vaccine” that the PTB offer (with cyborg implants) may soon become mandatory. Watch out!

⁴¹ Istituto Superiore Di Sanita: “Report sulle caratteristiche dei pazienti deceduti positive a COVID-19 in Italia” Il presente report è basato sui data aggiornati al 17 Marzo 2020. Link to this PDF report was from: <https://swprs.org/a-swiss-doctor-on-covid-19/>

Suggestions to slowly return to our Normal way of Life

We are intelligent social beings who need community and social gatherings. All of us want to get back to our normal way of life and I have some suggestions that cities and local communities may want to take a look at a way to implement them. One of the largest populations that we will find when this is all over is the population that had the virus but never had symptoms and their immune systems fought it off. We may or may not be able to post-test this population when it is all over but **IF** it could be done now and **IF** they had proof of immunity they could go anywhere. As NY Governor Cuomo recently said: “*you were exposed, you recovered, you have the antibodies, you can go to work!*” This happens to many of us who recover from a disease, sometimes when we didn’t even know we had such a thing. For example, there is no need for me to get a Hepatitis A nor a Hepatitis B vaccine because I am immune. I can’t get it nor can I give it because I’m immune. I surprisingly found this out in 1999 during a blood test. Sometime in the past I contracted both and didn’t know it but thanks to my immune system I fought it off. **IF** this immunity turns out to be true with COVID-19, that would a good thing.

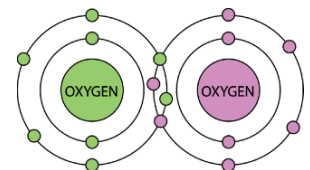
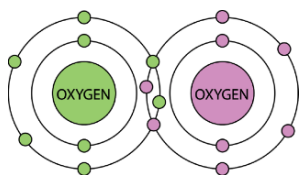
CHURCH: We have suddenly stopped going to our churches, cathedrals, temples and mosques. This is totally out of place! The darkside would like nothing better than to keep it like that. Not allowing people to worship their God in a community setting is Anti-Christian, Anti-Buddhist, Anti-Muslim, Anti-Hindu and Anti-Hebrew. THREE Holy-Days are coming up next month: Passover – April 8th, Easter – April 12th, Ramadan – April 23rd, and on May 7th there is the Buddhist Wesak. We need to plow through this opposition to protect freedom of religion. Here is what I suggest: Have all clergy and people involved with inside activities get tested for the virus the day before and the day of service. They will hopefully soon have a test that results can be seen in less than one hour. Church members must also do the same and have documentation ready to show it after some kind of pre-registration. Unless they are seated as a couple or family, individuals will still be required to maintain the SIX-FEET-SOCIAL-DISTANCING, such as what is seen with reporters at White House press briefings. Anyone testing positive for the virus will have to wait until they are tested negative again to be allowed inside.

ATHLETIC GAMES: The same system. For example, for a major league baseball game, ALL players, coaches, umpires, field workers, ushers, concession stand workers, etc. working INSIDE the ballpark must have two consecutive day negative tests. Any spectators must pre-book tickets. The seating arrangements must follow the 6-feet distancing so that means the ballpark will have to limit stadium seating to perhaps 25% ??? capacity.

SCHOOLS: Same system for teachers, administrators and students. This will take a lot more effort, perhaps school may only open 2 – 3 days a week unless we can actually do daily testing. We must save our children falling into further ignorance. Education is absolutely necessary. This isn’t the last virus to come at us!

Turning OFF 5G in ALL of these venues I believe is also very necessary. These are just suggestions from my brainstorming on how to get us beginning on the path back to normal. Now pass the word on and this document so others can be more knowledgeable about the invasion of 5G technology and its consequences to biological life. There’s a lot more research out there that could be done but at some point you have to know when to stop and get the word out. So for now, I’m done. Peace out and

God Bless you all



Save the Earth!

Save the Children of the Light!