

A CLEAR LOOK AT 5G – AND A HUMAN PATH FORWARD

PART I: 5G – PERIL OR PROMISE?

Why Are We Talking about This?

By now you have likely heard of the “next big thing” - the 5G network. It is being touted as a straightforward upgrade from 4G and promises to bring many technological advances with it. But there is far, far more to this story. My purpose in writing these papers is to provide the reader with an opportunity to get-up-to-speed on the extraordinarily deep rabbit hole that is 5G and related technologies.

The rapid advance in the use of manipulated electromagnetic frequencies presents us with a dire set of problems and one extraordinary opportunity for human advancement and well-being. *Electromagnetic radiation has long been known to have definite biological effects. We have known this as far back as the 1930's.* Over time, *thousands* of studies have been done documenting the nature of these effects on humans, animals, and the environment. (see [Part 3: Health, Safety, and the Independent Research](#)) It was discovered that the majority of these effects are harmful as we'll see and in some cases using precise frequencies, the effects can be beneficial.

It makes a difference how electromagnetic frequencies are used – it makes all the difference in the world. Over the course of these pages, I'll outline and reference the dramatic problems with 5G, its related technologies, and the implications of its use, but first this:

The subject of 5G is relevant to all humans everywhere. This technology and its *pulsed millimeter* wave radiation is being pushed out across the entire planet. Our opportunity, as a human community, is to take this moment in history to understand that *our bodies are vibrational and electromagnetic¹ in nature, that all of life is a function of energy in vibration, and that all energies influence all others, whether toward greater chaos or toward healthier, harmonious expression.*

Through better understanding the vibrational nature of our reality, and of ourselves, we can choose to prioritize the wise use of technology, to set aside the adolescent bias for profit and convenience for the genuine well-being of our people and our environment. Through deeper understanding, I believe this may become our larger motivation. The science does support this perspective as does simple observation and sound reasoning as we'll see. My friends, we have an opportunity here...

But first things first. Why are many of us concerned about 5G and electromagnetic radiation in general?

My introduction to the topic of 5G, etc., was through a short video of Dr Sharon Goldberg testifying before the Michigan House Energy Policy Committee. She was making an articulate and emphatic point that wireless radiation affects biological life in clear and detrimental ways. Her video, if you haven't seen it, can be found [HERE](#). Her testimony made an impression on me and I began reading and digesting all I could on the subject.

1 For those not familiar with the electrical nature of the human body, here is a short piece on that. It just scratches the surface, but is a good intro to some basics: <https://www.graduate.umaryland.edu/gsa/gazette/February-2016/How-the-human-body-uses-electricity/>

As I learned more, I became astounded by the arrogance and over-reach of both the telecom industry and its political partners in this project. **If 5G is implemented as planned, including its interface with artificial intelligence (AI), approximately 800,000 new “small cells” nationwide², some 20,000 5G satellites³, and the massive network of chipped devices, everything about our society and culture will be altered.**

In the next section, I outline what I feel are key points to understanding this many faceted issue. (Over time, I'll update the News and Positive Action sections in my blog at www.fullcirclearts.net as an ongoing resource). After the overview, we'll look at health and environmental concerns, political dynamics, military implications, long term sustainability and ethical concerns, positive actions we can take now, and more. So buckle in, this is quite a ride. I believe we owe it to ourselves and our families to take a stand with an open heart, a clear mind, and with inspired action.

A Brief Overview

5G is the next generation of wireless technology. It promises to dramatically change our communication and social landscape by providing faster download speeds, reduced latency (*the time it takes for a packet of data to get from one designated point to another*), and supporting the so called Internet of Things (IOT) – self driving cars, “smart cities”, “smart homes”, and nearly instant connectivity among a vast array of chipped devices.

The “G” stands for generation. 5G is vastly different than its predecessors (1G through 4G) as it operates on *millimeter* and *sub-millimeter* wavelengths, much smaller than previous generations. These higher frequencies will require an estimated 800,000 new small cell antennae (or base stations) to support this in the US and millions more worldwide (not to mention the satellites). **5G antennae will far more numerous and will emit radiation which is arguably more dangerous than that of existing cell towers. They are to be placed well within the public right of way including on or near schools, hospitals, businesses, and homes.** We'll discuss the exact nature of 5G radiation in a later section.

In the midst of growing concerns around the safety of our *current* smart phones and the sea of electromagnetic radiation we *currently* live in, obvious and fair questions are arising around the safety of 5G and its effect on our environment. Additional concerns about online security, the loss of personal privacy, the ecological impact, the military applications of 5G, and the political implications of all this are also being discussed. We'll look at all of these in future segments or you can view any number of excellent documentaries available online. Some are listed in my 5G blog at www.fullcirclearts.net .

It's worth noting that 5G implementation is being pushed hard and fast, without public debate, *and certainly without our permission*. **The stated goal is to implement 5G connectivity through out all nations of the world making it nearly impossible to physically avoid its influence. Upon what imagined authority has the decision been made to impose this technology upon humanity and all living creatures on the planet?**

Of course, there is a huge amount of money and effort from the telecom companies and many governments (including the Trump admin.) pushing the roll out of 5G infrastructure and applications. Lobbying efforts by the telecom companies have been massive. And there is an *extraordinary* amount

2 <https://docs.fcc.gov/public/attachments/DOC-354323A1.pdf>

3 <https://www.cellphonetaskforce.org/planetary-emergency/> The satellites alone will be a huge environmental impact.

of money to be gained by the telecoms and related industries from its implementation. Meanwhile, the US FCC, responsible for regulating the telecom industry, has been simply cheerleading the 5G roll out and ignoring legitimate public concerns and objections. Unfortunately, this is because the FCC is largely guided by telecom interests through members with strong ties to the huge corporations involved. (See [Part 2: Health, Safety, and the FCC](#))

Of course, none of this magically grants individuals within government or the telecom industry the right to impose this technology. There is no inherent right to do so. All of this is assumed authority and a rapidly growing number of people across the planet do not consent.

Beyond radiation, the effects of 5G technology on our society will be legion if fully realized – from the extreme connectivity of “the internet of things” and so called “smart devices” to the growing levels of reliance our society has upon such technology and the excessive control this technology gives to corporations and government bodies wielding it. To be crystal clear, the movement toward 5G is an attempt to *remake and redefine* our society in fundamental and dramatic ways.

As I continued to educate myself on this issue, I became aware that many who support 5G, usually without investigating the issue for themselves, have a kind of blind faith in government and industry to be looking out for their best interest. I mention this simply as a check point for the reader. I would offer that we have a long history of governments and industries acting in direct self interest to the neglect of public well-being. It behooves us to look carefully at topics like this which promise to usher in such massive social and environmental change.

With that in mind, here is a brief video highlighting comments by former FCC chairman Tom Wheeler. In it he describes the breadth and scope of the 5G network and the total disregard for proper health and safety studies prior to deployment: <https://www.youtube.com/watch?v=Bwgwe01SIMc>

Next, we will continue with [Part Two: Health, Safety, and the FCC](#).