EMF Exposure

History:

Electro -magnetic spectrum was discovered by Max Planck in 1932.

The techno aristocrats created the infrastructure to use this discovery to develop the technological tools into profitable industries. In that process various institution like College research labs, Patent companies to register the processes for discovery, lobbying industry for making the patents into profitable endeavor, Congressional wings to get funding from Tax payer money, Federal Communication commissions and NASA as reliable approving sources for supporting Congressmen to make decisions for approvals based on public safety, are all born to promote new wireless industries and to make the research a profitable enterprise. These institutions during the process of launching the new companies will create other subsidiary companies to sell stocks to trade in the wall street.

What is wireless spectrum.? It is the sound and microwave spectrum indicated by Max Planck in his research paper.

Other names for the WIFI signal are Transmission signal, Microwave cell signal, radio frequency (RF), EMF or electromagnetic frequency , Spectrum of light , Spectrum sold as commodities.

Now please refer to the chart below for frequency allocation approved by FCC for the USA usage from Max Planck finding ! We have come a long way in utilizing the WIFI signal as a telecom commodity used by everyone including small school kids to old age adults for everyday electronic device usage.

EMF Spectrum Chart (Up to 100 GHz)				
Band Name	**Abbreviation**	**Frequency Range**	**Approximate Wavelength**	**Common Uses**
Extra Low / Very Low	ELF / VLF	3 Hz – 30 kHz	10,000 km – 10 km	Submarine communication, time signals
Low Frequency	LF	30 kHz – 300 kHz	10 km – 1 km	Navigational beacons, AM longwave
Medium Frequency	MF	300 kHz – 3 MHz	1 km – 100 m	AM radio broadcasting, maritime radio
High Frequency	HF	3 MHz – 30 MHz	100 m – 10 m	Shortwave radio, aviation and maritime comms
Very High Frequency	VHF	30 MHz – 300 MHz	10 m – 1 m	FM radio, early TV broadcasts, air traffic control

Ultra High Frequency	UHF	300 MHz – 3 GHz	1 m – 10 cm	Digital TV, Wi-Fi (2.4 GHz), mobile/cellular (GSM, LTE, 5G sub-6 GHz)
Super High Frequency	SHF	3 GHz – 30 GHz	10 cm – 1 cm	Wi-Fi (5 GHz), satellite TV, radar, 5G mid-band
Extremely High Frequency	EHF	30 GHz – 100 GHz (extends to 300 GHz)	1 cm – 1 mm	5G mmWave, radio astronomy, high-speed point-to-point links

Telecom Law: Environment, Privacy, Cyber and health
Please note that the WIFI signal behaves like a beam of light but it is artificially made , but behaves like the Sun ray .
Just as Sun rays go through all of us , this artificial wifi signal will also go through our bodies along with the Sunrays ,by its design . "Wireless" means the signals do not go through any wires but by design moves freely in space and in our own environment . Since Space is involved as a transmission medium, environment is included, and so the WIFI signals are subject to air and Space laws that exist and must adhere to the Environmental safety laws .
We know that the WIFI signal is classified as a 2B carcinogen or poison by CDC and WHO organization.Since the Wifi signal imitate the Sunlight, it will expose us to the RF radiation We do know that there is exposure of RF signal when we sit next to the RF emitting sources like cell phone, headphones, routers, cell towers, ground satellites, space satellites (GPS) that track our phones to help us know our own location to us.
Adding to that ,the impact of WIFI or RF exposure on humans and other creatures on which we humans depend for food like animals, trees and fish has to be considered seriously.
RF exposure on humans is a health concern and the Federal Communication Commission was assigned by the congress to manage the telecom industry . FCC was asked to design the safety standard based on science and law. Based on that request FCC 1998 transmission rules for WIFI were established for the industry to follow. .
This standard should be taken seriously into considerations to ensure that the EMF exposure related health issues and diseases do not show up on healthy individuals .
We know from scholars who are subject matter experts have shown that the EMF exposure can Lymph cancer, Brian cancer, Mental Fog, Sleep apnea, less
Thus, the WIFI signals are subject to human health laws that the health insurance industry should recognize this and help the patients and not deny the claims due to EMF sensitivity

Current health related issues due to EMF safety violations are many.

You can refer to the papers and research provided by the expert Scientists
They belong to a not for profit organization called the Environmental health Trust .
Please refer to the latest Court case won by them against FCC in the 5th circuit court in Washington DC for approving higher frequency for transmission signals circumventing FCC's

own 1998 FCC laws.The FCC 1998 law is to limit the WIFI transmission speed to less than 1.8 GHZ and the SAR absorption rate to 1.6 V/CM2.
Here is the link for further reading and knowledge on health issues on EMF exposure related topic : https://ehtrust.org/

FCC is arguing that they need a new standard for the 5G network . Please refer to the EMF spectrum chart above for the 5G network that is in use, and approved by FCC .
How can public safety standards change when there is an already established limitation on frequency only up to 1.8Ghz for human exposure?
Why did the FCC body approve the higher frequency range greater than 1.8 GHZ ?
Obvious reason is Money. Higher frequency Spectrum sales is an example for this . To use the spectrum and help the Spectrum owners to profit from their investment,
FCC needs to use high frequency for the transmission.So that is why they removed the 1.8GHZ as transmission upper limitation.

It is also easier to send the WIFI signals in space than to build cable structures to make them as wired systems . Is it not cost effective too?
. So to help the wire-less signal providers to rent the Spectrum thus sold , FCC removed the limitation on transmission frequency of 1.8GHZ as safety limit and approved up to 100 GHZ now.

There is also scientific evidence that WIFI signal exposure can cause noise pollution called microwave auditory effect .

Please refer to the link and 1961 research paper on this subject
https://ieeexplore.ieee.org/document/9366412

According to the research , if the signal speed is greater than 2.4 GHZ, the sound sensitive people will pick up the transmission noise in their head. It may appear as they are being targeted by others from a distance . They call themselves Targeted Individuals (TI). The FCC body has approved high frequency > 2.4 Ghz for transmission and I am sure this exposure will be one of the causes for their plight.Please look in the Cyberstalking laws for FCC's violations. on public safety. By using higher frequency for transmission, FCC has disregarded the Cyber stalking laws .Please refer to link below for the anti cyberstalking law in Washington DC .
Similar laws are there in all other states in the USA
https://code.dccouncil.gov/us/dc/council/code/sections/22-3133
https://code.dccouncil.gov/us/dc/council/code/sections/22-3132
This cyber- stalking law simply states no electronic device can harm people.Majority of these electronic devices use electrical or electromagnetic signals (WIFI signals)
Otherwise they are not considered as electronic devices by definition.So transmission devices like modem, cell towers, satellites are governed by this law.
The law states no one should be abused by any electronic devices .
Law also defines what is stalking .

Stalking is done by using verbal foul and abuse speech or to cause bodily injury by exposure to the EMF radiation and or cause death .
Law also states Personally identifiable information (PII) cannot be violated.
In Michigan state additionally the law puts the responsibility on the manufacturer, users and proliferators for any violations.
So for the TI's , this is an utter violation of cyber law and not recognizing their plight is utter victimization with no remedy or end in sight.By approving the high frequency > 2.4 Ghz, for transmission , FCC is directly in violation of cyber laws .

Conclusion: Cell towers and Satellites are subject to cyber law enforcement and adherence.
The WIFI transmitting industry like Verizon, ATT, TMobile are all individually responsible for following the public safety rules and the cyber laws .
They should not hide behind FCC's approval actions and implement so many antennas , cell towers, ground satellites all around our towns.
Do you want to check how many RF emitters are installed near your own home ?. Please search on the website: www.Antennasearc.com . Please put your address in the website to see the display of the number of emitters that are installed within the 3 miles radius of your home.
All cell towers should use only frequencies less than 1.8Ghz as per 1998 FCC safety standard .
Safety standards cannot change if we change the frequency for transmission.
State zoning department for determining the zone allocation for cell towers installation cannot be exempted from not following the cyber law. When we clearly know exposure to high frequency fields near schools,Firestation and home can cause growth impediments to children and adults, (body injury violation) we should go to safer alternatives. Fortunately we have the Wired options and using the low frequency transmitters as safe options.Please don't compromise on public health and safety. New standards will not change science !

EMF exposure is a **health, Cyber security and environmental safety** concern.
Please reduce the All the cell tower emitters speed to 1998 safety standard which is less than 2.4 Ghz immediately .
Immediate action :The 5th circuit court has already said 5G and 6G network violate the public trust . So based on the verdict till you establish that the 5G and 6G Network which is made out of high speed are safe, do not use them for our children's sake as per the
Reverse the emitter speed to less than 1.8Ghz as per the 1998 FCC safety standard.
Encourage safe use by using Wired technology and establish WANS .
Future action: Enforce the current health and safety law and punish FCC and the industry for public trust violation.