

5G has started to be deployed in many countries, but does this technology bring health risks to people?

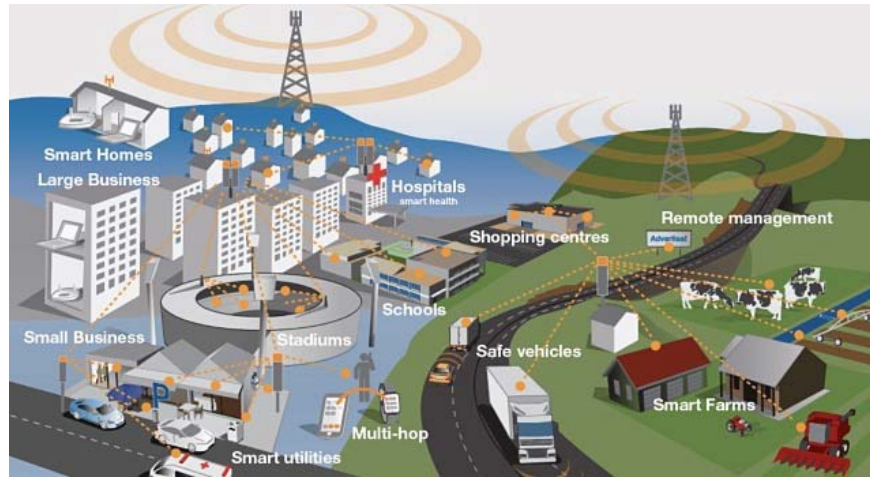
Although the launch and commercial exploitation of 5G network is an important achievement, not all countries in the world can do it at the present time, but there is a new problem that has emerged. 5G can hardly be deployed more deeply, it is concerns about the harm that this type of wave caused to human health.

Just a few days after Swisscom, one of Switzerland's largest telecommunications companies, announced the first 5G phone, the Swiss Federal Communications Office also allowed the operator of this network to start providing services. The 5G commercial service, ie 5G mobile network connection, has been allowed to be deployed throughout the European nation. At the present time, the 5G network has covered all major Swiss cities and tourist areas, making this small country the third country in the world to deploy a commercial 5G service. It has achieved all the standards, although the 5G-enabled devices are not really used in Switzerland.



1. Viettel uses OPPO Reno to test the connection and make the first 5G call in Vietnam, the data download speed reaches 654 Mb / s

Although the launch and commercial exploitation of 5G network is an important achievement, not all countries in the world can do it at the present time, but there is a new problem that has emerged. 5G can hardly be deployed more deeply, it is concerns about the harm that this type of wave caused to human health. Just a week after 5G was officially put into commercial operation in Switzerland, Vaud - one of the nation's 26 states - suddenly announced a statewide suspension of 5G broadcast due to concerns over issues. health problems that this type of wave may cause. Similar worries then appeared on many days that the Swiss federal government pledged to embark on radiation measurements involving 5G, assess the level of risk and specifically inform the public of the transmissions. his present. Through the above incident, perhaps governments and telecommunications businesses should be more cautious before the decision to approve the implementation of 5G on a large scale until it is certain that this connection technology causes little or no contains public health risks. So is 5G wave really harmful to human health? It will be difficult to get an answer in the near future.



1. The 5G era is near, but are security procedures ready?

Any new modern technology or invention, no matter how advanced it is, has great benefits, there are two sides, just whether the positive side is worth the trade off for the negative. , 5G is not outside of that fact. The good news is that most of the leading scientists and engineers around the world agree that the 'non-ionizing radiation' emitted by mobile devices basically doesn't harm living tissues and cells. in the human body. In addition to the results of laboratory tests, the development of science and technology has shown that after decades of technologies that use waves - radiation such as radio, television, radar and defense - have emerged. and other wireless broadcasts, do not really appear to have any significant harms that the above technologies pose to human health.

The bad news, however, is that no one industry leader is 100% sure that the basic wireless signals are completely harmless, including 5G - assuming they're exposed near your body in long time. In fact, telecommunications regulators in each country are often limited and require service providers to clearly report wireless emissions related to the transceiver technologies they are deploying and wearing. Although this limit is between countries, the device is not the same and depends on a number of other factors.



1. The first areas benefit from the development of 5G

In the absence of a certainty about the specific safety or danger of a particular type of technology or product, people tend to solemnize the problem, resulting in unnecessary misunderstandings. , the current situation in Switzerland is the clearest evidence. According to information from major newspapers, this European nation has been particularly concerned, even with an extreme reaction to worries about potential harm from cell radiation

caused by the 5G connection. The World Health Organization has overturned this topic, and some have sued technology companies, forcing them to take responsibility for brain tumors thought to be caused by cell phones. Most recently, public health advocates have warned that phones and 5G networks will mutate in people, while observers say that these are just understated rumors. aiming to bring down the reputation of the global mobile industry.

Of course there is no need to worry too much because everything has 2 sides. For example, simple water is a necessary health activity, but drinking too much water can be harmful to your health. Therefore, whether the 5G signal is dangerous or not will be a difficult issue to be clearly defined. However, the government, network operators and chip makers should also be more proactive, honest and transparent in this regard if they want their technology to be deployed soon without objection.

There are three main 5G transmitters currently in use, which can be divided into low, medium and high frequency spectrums. The low frequency spectrum (600/700 MHz) and most of the average frequency spectrum (5GHz or less) have been used in commercial communications networks for decades, so the 5G network is based on the This high-frequency spectrum will remain as secure as the 4G network (assuming the density does not increase).



1. Post-MWC 2019: 5G has a long and tough road ahead

However, most concerns focus on increasing low-to-average 'safe-to-average' frequency signals, and the additional occurrence of high-frequency millimeter-wave signals (24-47GHz).) 'unclear'. Skeptics believe that multiplying the number of safe signals to contain millions requires an internet connection from devices and cars that can cause negative effects, such as harming people's sleep or even affect wild animals.

In short, the main concern here is that the dense 5G wireless signal towers will turn the planet into a 'giant microwave'. But this skepticism is still a big question mark, mobile phones are actually being transmitted on microwave frequencies, and even the leading government agencies in many countries evade claims. convincingly that they cannot be harmful.

In the United States, the FCC says that at present, there is no scientific evidence that touches on the causal and causal relationship between the use of wireless devices and common human diseases such as cancer and some

other diseases. However, the FCC still provides information on a few simple steps that you can take to limit direct contact with RF energy (Radio Frequency) from your phone. This proves that mobile waves in general and 5G in particular can cause negative effects on the human body, but the problem is that the impact is not really harmful but the words speculation appeared a long time ago.



1. The way that 5G will change Internet connection in your home

Besides, until now, there has not been any debate or objection from the pre-harm experts of 5G when this technology is widely deployed, is it just a concern? or scattered protests from specific population groups, such as in Canton of Vaud, Switzerland, are an example. However, it is clear that these objections will continue to appear more if the responsible authorities do not soon provide answers to people's concerns.

Although I personally do not take sides, it is clear that it is time for mobile operators, chip makers and governments to give a better answer to the question: Is 5G safe? Instead of giving generic answers like 'We're not sure but .'. I am not a person who cares much or strictly for the research on the impact of wireless waves, but if our health or life is endangered by these types of waves, it is necessary. more reliable from the responsible parties.

1. China is about to develop 6G network, 10 times faster than 5G, 200 times more than 4G

5G is a new technology, very potential in changing our modern world in a better way. However, that can only be achieved when a clear answer to the link between 5G and human health is given.

You finished reading the article "**5G has started to be deployed in many countries, but does this technology bring health risks to people?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.