



## The Czech Telecommunications Office refutes false information about the impact of 5G networks on human health, which is spreading through public space

*Even the newly prepared telecommunications standard called 5G (Fifth Generation Networks) did not avoid the phenomenon of **fake news** and **hoaxes**. Through chain mail, websites and social networking, alarm spreaders are telling people that 5G networks can endanger their health, so they need to not use it. The Czech Telecommunications Office explains why people have nothing to worry about.*

The main benefit of the 5G mobile network is a significant increase in bit rate and a significant reduction in response time compared to the existing 4G standard. Building 5G networks will allow the operation of the latest communication technologies. The 5G networks build on previous generations of 3G networks, which brought the expansion of the Internet to mobile and led to the growth of so-called smartphones and 4Gs, which allowed much faster data transfer so users could watch streaming videos on the go.

The reason for the introduction of 5G networks is the expected future change in the way you use existing devices, such as smartphones or game consoles. With the capacity to link thousands of these devices at the same time, the 5G opens the door to the development of new, innovative services.

### **The effect of 5G networks on human health has not been demonstrated**

The benefits of 5G should be very positive, but there are now a lot of news spreading on the Internet revealing almost apocalyptic scenarios. However, the Czech Telecommunications Office reassures all Czech consumers: **„Television broadcasts were transmitted on the same frequencies for decades from transmitters of power much higher than those of 5G base stations. No effect of this broadcast on human health has been described.”**

Most of the so-called hoaxes also include a call asking the recipient for further distribution of hoax among their friends, or to as many additional addresses as possible, sometimes referred to as **chain mail**. We ask consumers to refrain from further dissemination of similar alarm messages and to inform the Czech Telecommunication Office, which has set up a special email address **5ghoax@ctu.cz**, where consumers can send similar alarm messages to their email accounts.

The Czech Telecommunications Office is ready to refute similar false information about 5G networks on its website ([www.ctu.cz](http://www.ctu.cz)).

Source: SOS MaS, zs, Czech Telecommunication Office

November 12,2019