

# 5G & health: separating fact from fiction

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[www.emfields.com](http://www.emfields.com)



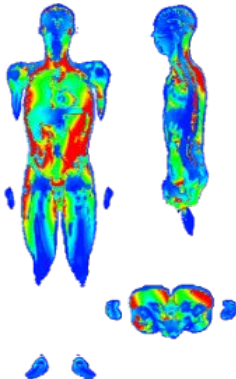
# What we'll cover and how we'll do it

- Technology; what 5G is and isn't
  - 3 frequency bands
  - relationship to existing phone systems
  - Likely exposure levels
  - What's different, why we “need” it
  - Limits
  - **Questions & answers**



# What we'll cover and how we'll do it

- Health effects
  - "Is it tested"?
  - Existing database of 25,000 studies
  - Independent expert reviews
  - Plausible mechanisms for harm
  - Evidence of risk at population level
  - People claim other effects, at lower levels don't they ?
  - Are some people more sensitive to EMF?
  - Couldn't "the science" change?
  - Questions & answers



# What we'll cover and how we'll do it

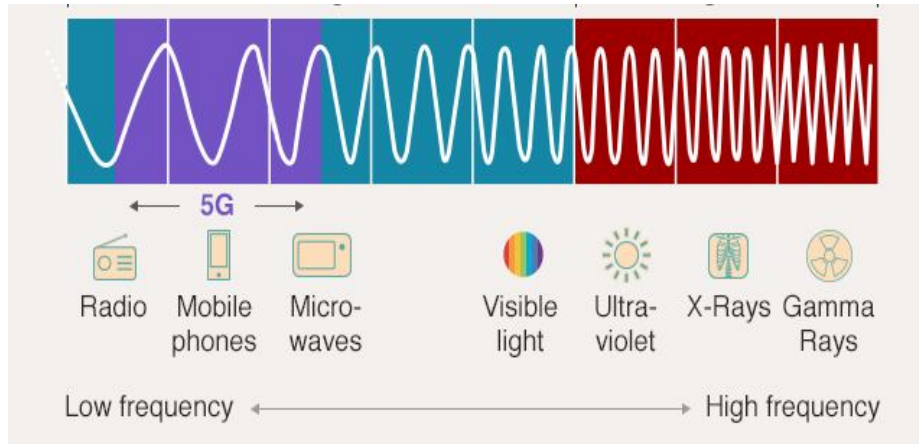
- Conspiracy theory stuff
  - Is 5G a weapon or "military technology"?
  - Has the insurance industry refused to cover anyone against disease or injury caused by phone technologies?
  - Is 5G killing birds and bees ?
  - Does 5G suck all the oxygen out of your body?
  - **Questions & answers**

If You knew what these were?  
You would tear every single  
one of them!



This is a weapon authorities use  
to control population.  
It's a microwave transponder and  
receiver.  
They can read your mind with this.  
Google mind control technology  
used by secret services

# 5G spectrum in UK

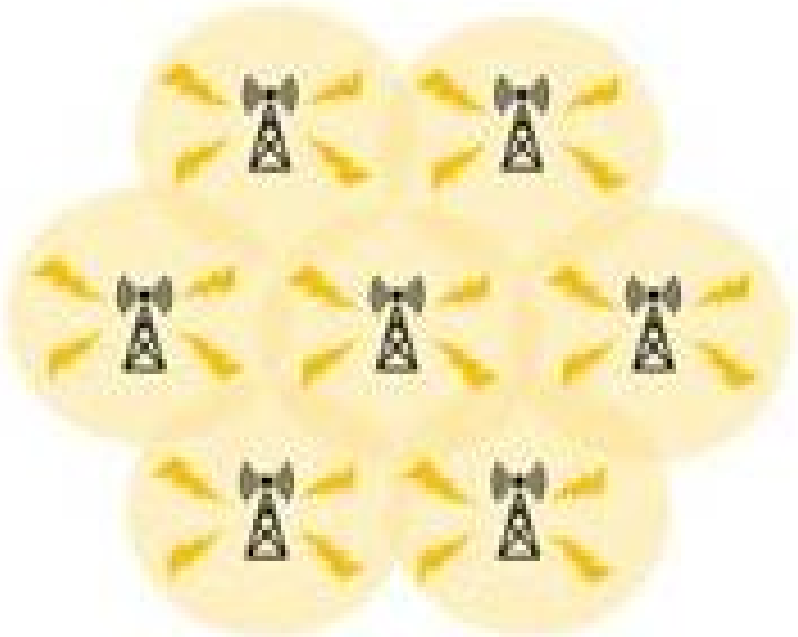


Source: SCAMP/Imperial College London/EBU



5G spectrum allocation	What's it like ?
600 - 700 MHz  (mostly rural areas)	TV (600 - 700 MHz)  2G (800 - 1800 MHz)
3.4 - 3.8 GHz  (data and voice for mobile devices and IoT)	3G, 4G (2.1 GHz)  WiFi (2.4 & 5 GHz)
24 - 28 GHz "mm wave"  (fixed links, autonomous vehicles, high data rates)  Probably.	Satellite broadband (17 - 20 GHz)  Satellite TV (10 - 12 GHz)  Line of sight data links (11 - 60+ GHz)

# One big cell (2, 3G) vs many small cells (4, 5G)



# Resources

- Everything in the webinar is explained in more detail in my FAQs at [www.emfields.com/sub-pages/emf-faqs-including-5g](http://www.emfields.com/sub-pages/emf-faqs-including-5g)
- The list of 80+ expert reviews of the science from the International Council on Electromagnetic Safety is at [www.ices-emfsafety.org/expert-reviews/](http://www.ices-emfsafety.org/expert-reviews/)

# More resources

- [www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public/myth-busters](https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public/myth-busters)
- [www.arpansa.gov.au/news/5g-new-generation-mobile-phone-network-and-health](https://www.arpansa.gov.au/news/5g-new-generation-mobile-phone-network-and-health)
- [www.icnirp.org/en/applications/5g/index.html](https://www.icnirp.org/en/applications/5g/index.html)
- [www.gov.uk/government/publications/5g-technologies-radio-waves-and-health](https://www.gov.uk/government/publications/5g-technologies-radio-waves-and-health)



**Feel free to contact me for advice on this  
or any other EMF issue**

- Contact details at [www.emfields.com/contact](http://www.emfields.com/contact)