5G & health: separating fact from fiction

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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

### 5G spectrum allocation

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Description</th>
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<tbody>
<tr>
<td>600 - 700 MHz</td>
<td>TV (600 - 700 MHz) (mostly rural areas)</td>
</tr>
<tr>
<td>3.4 - 3.8 GHz</td>
<td>3G, 4G (2.1 GHz) (data and voice for mobile devices and IoT)</td>
</tr>
<tr>
<td>24 - 28 GHz</td>
<td>Satellite broadband (17 - 20 GHz) (fixed links, autonomous vehicles, high data rates)</td>
</tr>
</tbody>
</table>

### What’s it like?

- 600 - 700 MHz (mostly rural areas)
- 2G (800 - 1800 MHz)
- 3G, 4G (2.1 GHz)
- WiFi (2.4 & 5 GHz)
- Satellite TV (10 - 12 GHz)
- Line of sight data links (11 - 60+ GHz)

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**Source:** SCAMP/Imperial College London/EBU

**BCC**

**EMFs**

**Electromagnetic fields & people**
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

• The list of 80+ expert reviews of the science from the International Council on Electromagnetic Safety is at www.ices-emfsafety.org/expert-reviews/
More resources

- www.icnirp.org/en/applications/5g/index.html
- 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