



THE SCIENCE OF SAFE CONNECTION. EXPLAINED.

EME from telecommunications such as 5G and Wi-Fi is harmless to humans. This has been proven over many years. But don't take our word for it, look at the evidence.

EME from telecommunications such as Wi-Fi and 5G is ...



RESEARCHED

- EME was discovered in the early 1800s. Scientists have been studying it for decades.
- EME from telecommunications is constantly being researched by leading bodies, including the World Health Organisation.
- All of the scientific research concludes that EME from telecommunications is not hazardous to human health.
- Scientific reviews of the research are conducted regularly, and the standard was last updated in March 2021 to reflect the latest research.



REGULATED

- ARPANSA, the Australian Government's leading research authority, uses the scientific research to set strict, safe limits on EME.
- These limits are far within what international best practice says is safe.
- ACMA, Australia's regulatory authority, then strictly enforces the limits.
- These controls apply to every piece of telecommunications equipment and infrastructure, including 5G.
- Every telecommunication base station in Australia must fully report on their compliance, to meet operational safety regulations.



SAFE

- Radio waves used in telecommunications are at the low end of the EME spectrum. This means they are non-ionising, and therefore don't have the energy to harm our DNA.
- EME is emitted by the earth, the sun and even human beings.
- We've been living with devices that emit safe levels of EME for hundreds of years, since the invention of the telegraph in the early 1800s.
- Your home is filled with these devices that emit safe levels of EME, including your TV, remote controls and toaster.
- The World Health Organisation reviews all the research and has found that there is no convincing scientific evidence that EME from base stations and wireless networks causes adverse health effects.