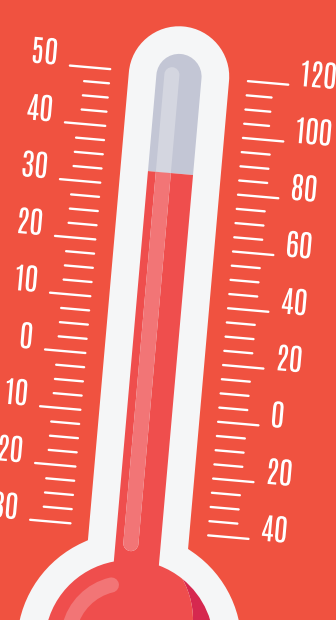




ARPANSA EME Safety Standard

Very high exposure to radiofrequency electromagnetic energy, also known as radio waves, **can generate heat in the body**. It's important that exposure is kept to a safe level.



The ARPANSA Standard is designed to **protect against excessive whole body temperature rise** from exposure to radio waves.

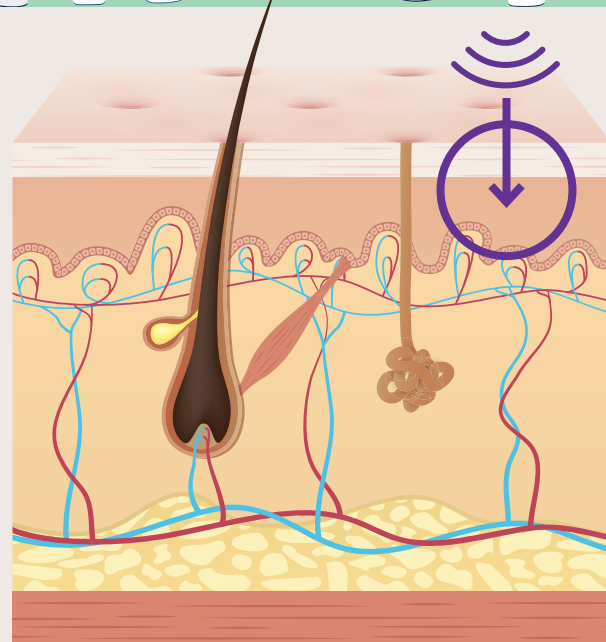


The ARPANSA Standard is also designed to **protect against excessive heating in small regions of the body** from exposure to radio waves.



For sources operating at higher frequencies (like the 5G mobile network) the **radio waves are not absorbed past the skin**.

At higher frequencies the ARPANSA Standard is designed to **protect against excessive heating** at or near the surface of the body.



The safety limits in the ARPANSA Standard are conservative and are set **well below the level where excessive heating to the body occurs**.



The ARPANSA Standard is designed to **protect against the combined exposure** from all sources of radio waves in the everyday environment.



The ARPANSA Standard is designed to **protect people who may be exposed to radio waves in the course of their work**.



The ARPANSA Standard is designed to **protect everyone** including children, pregnant women, the elderly and the infirm



The ARPANSA Standard takes into account **all of the research on radio waves and health**.



The available evidence indicates that radio waves **do not cause long term health effects such as cancer**.

