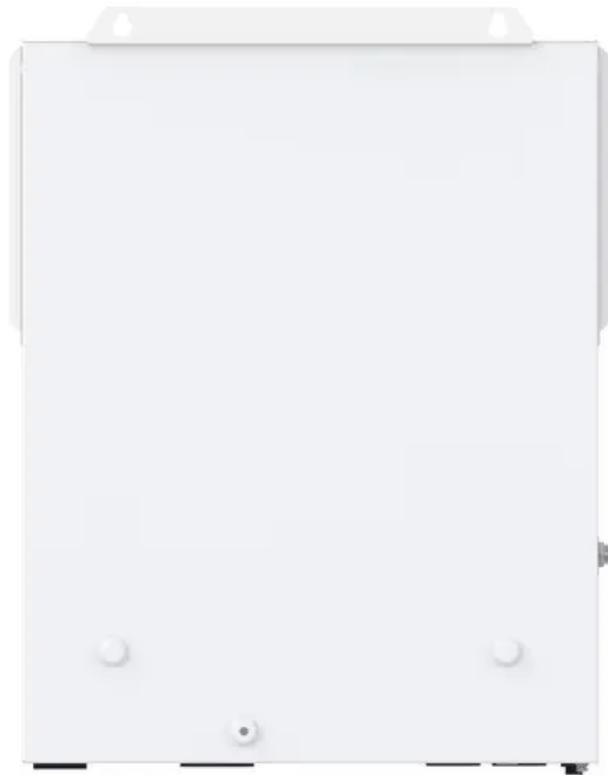


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Is it safe to call a communication base station



Overview

Base stations transmit and receive radio waves to connect the users of mobile phones and other devices to mobile communications networks. The strength of the radio waves from base station antennas reduce.

Are radio base stations harmful?

The WHO states: "From all evidence accumulated so far, no adverse short- or long-term health effects have been shown to occur from the RF signals produced by base stations." (WHO fact sheet "Base stations and wireless technologies") Mobile phones and mobile devices require a network of radio base stations to function.

Do mobile phones need a base station?

Mobile phones and other mobile devices require a network of base stations in order to function. The base station antennas transmit and receive RF (radio frequency) signals, or radio waves, to and from mobile phones near the base station. Without these radio waves, mobile communications would not be possible.

Are mobile phone base station antennas harmful?

Based on current research there is no established scientific evidence to support exposure to the low-level RF EME from mobile phone base station antennas causes any health effects. An essential part of Australia's mobile phone network, base station antennas can be found on towers and buildings around the populated areas of our country.

Are RF EME emitted by mobile phone base stations harmful?

No adverse health effects are expected from continuous exposure to the RF EME emitted by the antennas on mobile phone base stations. ARPANSA will continue to review the research into potential health effects of RF EME emissions from mobile phone base stations and other sources in order to provide accurate and up-to-date advice.

Why do mobile phone users need more base stations?

In an area of increasing mobile phone use the number of additional base stations needed to maintain service quality increases, even in areas where mobile network coverage already exists. If this is not done the mobile network will not operate properly and, as a result, mobile phone users may not be able to connect to their network.

Can you work near a mobile phone base station?

Workers accessing rooftops and towers that house base station antennas must consult with building and facility management before entering the site. A guide to working safely near mobile phone base stations is available at [RadioWorkSafe](#).

Is it safe to call a communication base station



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Why Choose Base Station for Reliable Communication , KSA

Aug 7, 2025 · Whether you're using your mobile phone for a call, relying on radio communication for a remote operation,

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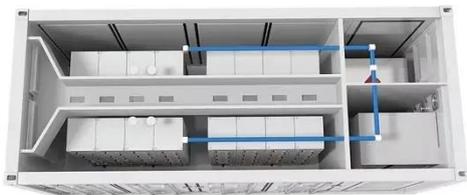
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Do Cell Phone Towers Cause Cancer? , American ...

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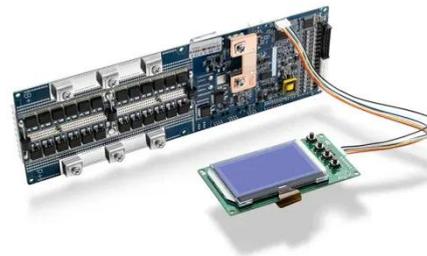
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Communication base station

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Mobile phone base stations and health

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Mar 28, 2025 · To communicate with each other, mobile phones and base stations exchange radio signals. The level of these signals is carefully optimized for the network to perform ...

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has shown no convincing evidence that the radio signals from mobile phones and base stations cause ...

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