

Are small communication green base stations dangerous

Are base stations harmful?

This holds true whether the base station is part of a 2G (GSM), a 3G, a 4G (LTE) or a 5G network. 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")

Are green cellular base stations sustainable?

This study presents an overview of sustainable and green cellular base stations (BSs), which account for most of the energy consumed in cellular networks. We review the architecture of the BS and the power consumption model, and then summarize the trends in green cellular network research over the past decade.

Is RF a health risk for humans living around mobile phone base stations?

A review entitled "Evidence for a health risk by RF on humans living around mobile phone base stations: From radiofrequency sickness to cancer" reviewed the existing scientific literature and found radiofrequency sickness, cancer and changes in biochemical parameters (Balmori 2022).

How far from a mobile phone base station is RF exposure?

The study "Radiofrequency radiation from nearby mobile phone base stations-a case comparison of one low and one high exposure apartment " published in Oncology Letters (Koppel et al 2019) found that the apartment with high RF exposure had outdoor areas as close as 6 meters (about 19.6 feet) from the cell antenna array.

How much exposure can a radio base station have?

On the ground, in houses, and other places where people reside, the exposure levels from radio base stations are normally below 1 percent of the limits. Only in the close vicinity of the antennas can the exposure limits sometimes be exceeded.

Can a base station antenna increase neuro-behavioral symptoms and cancer?

A review published in the International Journal of Occupational and Environmental Health found people living less than 500 m from base station antennas had increased adverse neuro-behavioral symptoms and cancer in eight of the ten epidemiological studies (Khurana 2011).

Spanish wildlife biologist, BSc, Alfonso Balmori (1) had his research project "Evidence for a health risk of RF on people living around mobile phone base stations: from radiofrequency disease to ...

The combination of antenna towers and associated electronic equipment is referred to as a "cellular or PCS cell site" or "base station." Cellular or PCS cell site towers are typically ...

Are small communication green base stations dangerous

Web: <https://edukacja-aktywna.pl>

