



INTERNATIONAL COMMISSION ON THE BIOLOGICAL EFFECTS OF ELECTROMAGNETIC FIELDS

In this paper, Dr. James C Lin agrees with the findings made by ICBE-EMF in its October 2002 peer reviewed scientific entitled: "[Scientific evidence invalidates health assumptions underlying the FCC and ICNIRP exposure limit determinations for radiofrequency radiation: implications for 5G](#)"



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### ***RF Health Safety Limits and Recommendations***

By James C. Lin, Electrical Engineer and professor at the University of Chicago, IEEE life member, and former ICNIRP Board Member

***"...the revised RF exposure limits make allowances only to worry about heat with RF radiation. These limits are devised for restricting short-term heating by RF radiation and aim to prevent increased tissue temperatures. Thus, they are not applicable to long-term exposure at low levels.***

***Instead of advances in science, they are predicated on assumptions using out-dated exposure metrics, thus their ability to protect children, workers, and the public from exposure to the RF radiation or people with sensitivity to electromagnetic radiation from wire-less devices and systems. Furthermore, the limits are based on outdated information and circumvent important animal data.***

***These issues are even more relevant in the case of millimeter-wave radiation from 5G mobile communications for which there are no adequate health effects studies in the published literature. Finally, the guidelines do not adequately address conclusions from scientific organizations, such as the IARC (International Agency on Research on Cancer).***

***Thus, many of the recommended limits are questionable from the standpoint of scientific justification for the safety and public health protection."***

For complete article:

[James C. Lin - IEEE Microwave Magazine RF Health Limits & Recommendations. June 2023](#)