



INTERNATIONAL COMMISSION ON
THE BIOLOGICAL EFFECTS OF
ELECTROMAGNETIC FIELDS

STATEMENT

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The six engineering solutions outlined in this paper provide a significant move forward in cellphone safety. The scientists and engineers proposing them stand ready to assist the cellphone industry with implementing them as soon as is practical.

Five of the six recommendations are software solutions and could in a very short period of time become available to the public. The sixth recommendation requires a hardware change that should not be difficult to implement since the industry already holds patents for this solution.

Some of the proposed solutions are just common sense. Using Wi-Fi to make cellphone calls whenever feasible dramatically reduces radiation emissions from the phone. Why wouldn't we implement this solution which tells cellphones to choose secure Wi-Fi connections wherever available?

Of course, using a landline phone whenever possible is even better.

Cellphones are constantly transmitting their location to cell towers. That's so phone calls can be seamlessly passed on to the nearest cell tower as we travel. But when we are stationary, these constant transmissions called "handshakes" are unnecessary. Why not shut down these transmissions—which cause frequent radiation emissions—when our phones are stationary such as when they sitting on a bedside table as we sleep or on our desk next to us as we work?

These common-sense changes can quickly and dramatically reduce radiation exposure from cellphones. Implementing them will create a healthier environment for all of us while still allowing us to stay connected to others and to the information we need daily.

About

International Commission on the Biological Effects of Electromagnetic Fields

The ICBE-EMF is made up of a multidisciplinary consortium of scientists, doctors and related professionals who are involved with research related to the biological and health effects of electromagnetic frequencies up to and including 300 GHz. The organization makes recommendations that include and go beyond establishing numerical exposure guidelines based on the best peer-reviewed scientific research publications.

Website: www.icbe-emf.org