

Danger Signals



Mobile Phones

Radiation from mobile phones delays and reduces sleep, and causes headaches and confusion, according to a new study.

The research, sponsored by the mobile phone companies themselves, shows that using the handsets before bed causes people to take longer to reach the deeper stages of sleep and to spend less time in them, interfering with the body's ability to repair damage suffered during the day.

By Geoffrey Lean, Environment Editor
20 January 2008

Tetra

A very recent discovery shows that microwave radiation changes the permeability of the blood brain barrier....as TETRA pulses, which is arguably more powerful than the average mobile phone, this situation could be worse with TETRA.

Also, it is shown that the electromagnetic radiation going into the body can change the size of the particles moving around the body. The connection here with mental conditions is that Dr Hyland of Warwick University has written that the uptake of drugs; in particular neurological drugs is inhibited because of changes in the blood brain barrier.

Confidential Report on TETRA
Strictly for Police Federation of England & Wales
B. Trower

WiMAX

Chip giant Intel is joining forces with Irish broadband providers for a €100 million investment in a high-speed wireless network to shake up the Irish broadband market. The new network, using a technology called WiMAX is backed by five multinationals and Irish companies will go live in the coming months.
- The Sunday Business



Affiliates around Ireland

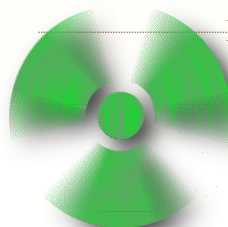


ACTION GROUPS NATIONWIDE

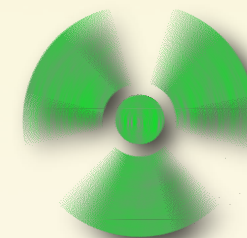
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ALLIANCE FOR IRISH RADIATION PROTECTION

10 Reasons why you should be concerned about microwave radiation

✿ YOUR LIFE IS IN JEOPARDY ✿

*Good public health policy requires
preventative action proportionate to the
potential risk of harm and the public
health consequence of taking no action.*

- BioInitiative Report

Alliance for Irish Radiation Protection

The AIRP has been established as an all-Ireland federation of voluntary organisations to educate the public and create an awareness about the dangers of non-ionising radiation to human health.



We do not accept that this radiation is not impacting on public health and note the absence of information regarding cumulative levels. We call for the establishment of an independent body to monitor and report these cumulative levels to the public at large.

The purpose is to act on behalf

of members who suffer the adverse effects of microwave and other non-ionising radiation and those vulnerable individuals who are being placed in jeopardy by planning decisions which allow for placement of equipment near schools, public facilities (hospitals) and private residences. The AIRP supports independently-funded scientific research.

The AIRP recommends establishment of an Independent panel to regulate the industry, a moratorium on development pending full scientific investigations, use of fibre-optic cabling in built-up areas and establishment of exclusion zones near schools and sports / recreational facilities. It is becoming clear that many of the treaties, laws and policies adopted in recent years have failed to slow down, let alone halt or reverse this process. There are strong indications that the radiation now being admitted into the atmosphere could be contributing to global warming. The failure of Ireland to date to join the signatories of the Aarhus Convention and deletion of the "Precautionary Principle" from the Lisbon Treaty leave citizens without a voice in the democratic process regarding the use and proliferation of microwave technology. We have supplanted natural background radiation, upon which all life processes depend, with manmade artificial radiation which interferes with natural biological processes.

We stress the importance and temporary nature of standards and that current regulations are of an interim value. We recommend recognition of changing standards as a result of up to date scientific research as it becomes available and agree with both the United Nations and the European Constitution which guarantee "the security of person". Microwave radiation passes through the human body and is in violation of these principles.

10 Reasons for concern about EMF radiation

1

Microwaves are real but they are invisible. It is commonly known that they cause heat that is used in ovens that cook food. Microwave ovens have doors to protect users.

2

International standards were established based on the heat producing effects of microwaves. The same technology is used in the communications industry to carry signals.

3

These signals are broadcast from cellular towers or masts. Different masts carry different frequencies licensed by government. Yet no one is monitoring cumulative effects.

4

The government earn income from issuing licenses - not from denying applications - and judges success by the amount of money in the State coffers.

5

The Irish and U.K. government are signatories to the Aarhus Convention which gives citizens access to the decision-making process. The Convention has yet to be ratified.

6

In Ireland the government has purchased the Tetra system for the LUAS light rail system and for An Garda Siochana and emergency services.

7

Numerous scientists warn that the Tetra system has serious effects on human beings and that children absorb 75% of this radiation into their brains, causing brain tumours, cancer and leukaemia.



8

The Health Service Executive refuses requests for baseline scientific studies because these studies would publicly reveal the effect of this type of radiation on the general population.

9

Another signal called WiMAX - currently broadcast from NUI Maynooth is going nationwide. This signal is stronger than the wi-fi wireless signal for broadband service.

10

A study about wi-fi for the City of San Francisco resulted in cancellation of the service due to the potential dangers to people. yet Ireland is allowing a stronger signal.



SIGNALS AND STANDARDS

WI-FI	2.4 GHZ	IEEE 802.11
TETRA	16.5 HZ	IEEE STD. 802. LLE/D6.O
WIMAX	10 TO 66 GHZ	IEEE 802.16
HUMAN BRAIN	12 -19 HZ	***