

Mobile Phone Masts ~ WiMAX ~ Wi-fi

Goldsworth Residents Against the Masts - www.nomasts.org.uk

Why are we so concerned about Mobile Telephone Masts and devices that use the same microwave transmitters, such as Wi-fi, WiMAX, WLAN and DECT? Because we are totally convinced that they DO cause us harm. The Government only takes notice of thermal (heating) effects from microwaves. It is the non-thermal effects which cause ill-health and the Government is ignoring these in the name of profit and tax revenue – much in the same way as they did with smoking. There is lots of evidence of these non-thermal effects from Independent Scientists. This is contained in our updated leaflet, "**Making Us Sick: The True Health Costs of the Mobile/Wireless 'Revolution'**", available for FREE download at www.nomasts.org.uk.

The easiest way to explain the problem with us being exposed to more and more microwaves in our environment is to think of them as being like a very powerful, very penetrating form of artificial sunlight. This analogy is valid.

With sunlight we know that our bodies have a certain amount of natural protection in our skin to minimize the damage, but with more and more exposure our skin becomes damaged and we are likely to get skin cancer. With microwaves, as from Mobile Telephone Masts etc., we have no natural protection and as they are able to penetrate deep inside us our whole body is vulnerable to damage - including cancer and many other serious conditions.

As with sunlight where people have different skin types and can tolerate more or less tanning, so people have different tolerance to microwaves - some 3-4% are said to be "electro sensitive" and become effected easily by a small amount of microwaves, whilst up to a third of people are said to be intolerant of microwaves - suffering from headaches, nausea and other symptoms of mild radiation poisoning.

More and more studies every week provide evidence of the damage that microwave emissions do to us. The longer that the communications, computing and electronics industries stay in denial the worse the damage becomes to the Public at large - i.e. You and I. If they put their effort into designing safe alternatives to microwave transmitters we might end up with genuinely useful mobile devices which are also genuinely safe.

The current situation, where we are being increasingly surrounded by significant quantities of microwaves outside our houses and inside our homes too, is a matter for grave concern. We are aware of it, and so should you be.

Like many people, we never realised the full extent of the health issues around Mobile Telephones, nor the official wall of silence that exists, until circumstances led us to spend a large amount of time and effort looking into the whole issue, initially looking just at the new 3G Mobile Telephones and their Masts. We were shocked, and we expect you will be too.

Do you have a **Digital Cordless Phone (DECT)**, as most now are) or **Wireless Networking (Wi-fi)** in your house? If you do, or know someone who does or who is thinking about buying these types of device, it is vital that you realise that they work upon the same principles as Mobile Telephones and their Masts, using microwaves. (Since shops now sell virtually only Digital Cordless Phones (DECT), your cordless phone will most likely be a DECT phone, even if you were not aware of this). You should also be aware that **Bluetooth Devices** (such as wireless headphones), **Interactive Whiteboards** (already in many schools), some **Burglar Alarms** and many digital **Baby Monitors** also work along similar lines to Mobile Telephones and their Masts using microwave radiation. **Wi-fi "Clouds" or "Hot Spots"** carry the same problems. The latest generation of **Games Consoles**, often used by young children, are being Wi-fi enabled. A new generation of **Wireless Entertainment Systems, Wireless Music Systems, Digital Wireless Streamers, Wireless Stereo Headphones** and **Wi-fi Radios** use either Wi-fi or "class 1" Bluetooth for distances up to 100m. **Whole Towns and Cities** are being targeted by Wi-fi providers for **Blanket Coverage e.g.** via boxes attached to **Street Lamps**. Please note that networking systems which **Piggy-Back** mains wiring via plug-in adapters actually make use of microwave frequencies, so are no safer than Wi-fi. **Microwave Ovens** do emit significant quantities of microwaves through their shielding – not shown by cheap "microwave leak detectors"

Digital Cordless (DECT) Phones

Town and City-wide Wi-fi "Clouds/Hot Spots"

Mobile Telephones ~ Digital Baby Monitors

Just as Mobile Telephones and their masts come with many serious health risks, so do all of the above products (and we seem to discover more each month) since they use the same microwave frequencies, although we are told nothing about this when we buy these devices. DECT and Wi-fi are the devices that we have personally checked and have found comparable, and in some ways worse, emissions to Mobile Telephone Masts. See our readings in our updated leaflet. [N.B. Analogue cordless phones work at lower power and are non-microwave, hence they do not have the associated health risks. These analogue phones are harder to find in the shops, but can be bought on-line. An example is BT Quartet 1100 from the BT (Internet) Shop. Safer still, use a traditional phone with wires].

If you are people who don't want a Mobile Telephone Mast in your area, you certainly do not want any of the above digital devices in your home, since you will be exposing anyone inside your home (and outside, including your nearest neighbours (unless they are far away from you)) to these dangerous emissions.

You do not have to take our word for it. You can see for yourselves the amount of microwave emissions that these devices give off. Why not hire or buy a meter from www.EMFields.org.uk and see for yourself?

We would recommend two. Firstly, "The MW1 Electrosmog Detector", listed first on the webpage. It makes a noise when you are receiving microwave emissions. It is very sensitive. You can use standard iPod-type earphones with it so that you can walk around with it easily and without it being too intrusive. Secondly, "The COM Monitor". This gives actual readings of the microwave emissions given. (It is not good enough to only have this one since it does not always fully pick up 3G signals, so having no reading from it does not necessarily mean 'no signal', i.e. it can be somewhat misleading). However, If you only want to buy or hire one meter, we would recommend the former, "The MW1 Electrosmog Detector". This is the one we take around with us and use a lot. Carry it around with you as you travel around – it will be a real eye-opener to the microwaves we are being bombarded by.

We have been shocked at what we have found out since we started to research the whole Health Issue surrounding Mobile Telephone Masts – leading to the discovery that even some household items emit microwaves as Mobile Telephone Masts do, but inside our very homes – without us being told anything about them.

Government and the Telecommunication Industry would prefer you to read and hear about their scientists' 'research' - but with their huge financial gains (amounting to billions of pounds every year) reliant on 'safe results' can you blame anyone for being sceptical about how trustworthy their research actually is?

Please read ***"Making Us Sick: The True Health Costs of the Mobile/Wireless 'Revolution'"*** - information that, we believe, the government and the industry are trying to suppress. This research is carried out by **Independent** scientists whose careers are often put at risk because they dare to question the safety of these Mobile Telephone Masts and oppose the government view by saying that these masts may well cause much harm to people.

If the **Independent Scientific Research** now available to us were to have been presented at the beginning of the introduction of Mobile Telephones and similar technology in the 1980s it is unlikely that it would have been permitted. If medicines or food stuffs are found to have just a fraction of the number of associated problems that Mobile Telephones etc. appear to have they are not allowed to be sold or licensed.

'The reality of such a risk to public health is not yet officially recognised, however, and those who dare to depart from the 'official' line, by warning of potential dangers to human health posed by non-thermal influences of the radiation used in mobile telephony, are subject to immediate criticism and derision – particularly by those with a vested interest in maintaining the growth of mobile telephony. A good example of this is the ferocious attack by the committee of COST281 on my report for the EU Parliament (commissioned by STOA).'- Dr G J Hyland, in his December 2003 Paper, "The inadequacy of the ICNIRP Guidelines governing human exposure to the microwave emissions of GSM/TETRA Base-stations."

Recent investigations into **"Cancer Clusters"** in the UK where several people in specific localities have developed rare forms of cancer at the same time have each been shown to **correspond with areas receiving the highest microwave emissions from a nearby Mobile Telephone Mast**. This has been the case in Devon, Lincolnshire and Staffordshire. There is no reason to believe that the situation is any different here. We fully believe that "Cancer Clusters" could be in existence or starting to appear here. Groups of people with similar ill health conditions may be appearing near to Mobile Telephone Masts which have been erected in the last few years. It is likely that symptoms such as recurring headaches, sleep disorders, itchy burning skin and various types of cancer etc. are becoming more commonplace here. Periods spent away from home when the symptoms disappear are usually indicative of ill-health being caused by environmental factors – such as a Mobile Telephone Mast. Please contact us at clusters@nomasts.org.uk if you are suffering ill health or cancer since a mast went up in your area.

It is only by assessing independent, good quality information that you or we can make up our own minds about the Mobile Telephone and Microwave Health issue – Why don't YOU investigate the Independent Research for yourself?

Read ***"Making Us Sick: The True Health Costs of the Mobile/Wireless 'Revolution'"***
at www.nomasts.org.uk (FREE download)