

**INTOLERANCE TO ELECTROMAGNETIC ENERGY**  
(WIFI, MOBILE PHONES, ETC.)  
**EQUALITY AND DISABILITY DISCRIMINATION**

October 2018

Dear Sir/Madam,

I am writing to support the person who has given you this letter. This person suffers from Intolerance to Electromagnetic Energy. This condition is also known as Electro-sensitivity (ES), Electromagnetic-hypersensitivity (EHS) and Microwave Sickness.

This Intolerance or Sensitivity is in the presence of electronic devices with electromagnetic radiation, like Wifi, Wifi routers, mobile phones, and wirelessly connected devices. It can be severely disabling. The symptoms can include:

- cognitive disturbance or 'brain fog'
- memory loss
- disturbed sleep
- muscular pains and weakness
- headaches
- skin rashes
- heart palpitation

The World Health Organization recognises these symptoms as disabling for those affected.

A severe allergy to Wifi, mobile phones and other wireless devices affects under 1% of the population. The World Health Organization suggests about 3 % of the population may be moderately affected. In comparison, 1.3 - 1.8 % of children are sensitive to nuts.

As with sensitivity to nuts, where schools, restaurants and airlines take precautions, a person sensitive to Wifi and mobile phones needs an environment which complies with the international safety guidelines for people sensitive to EMFs, such as EUROPAEM 2016.

Since Intolerance to Electromagnetic Energy, or Electromagnetic-hypersensitivity (EHS), can cause functional disability, it comes under the UK's Equality Act of 2010 and the UK's Health and Safety at Work Act of 1974. These Acts require reasonable adjustments to avoid discrimination against disabled people and ensure the safety of both employees and visitors.

Straightforward reasonable adjustments to help people with this allergy or intolerance:

- (i) Switching off Wifi transmitters and using a wired internet network instead.
- (ii) Restricting or banning the use of mobile phones and other wireless devices.

Yours faithfully,

Michael Bevington  
Chair of Trustees, ElectroSensitivity UK

## NOTES

- Useful links:

[Equality Act 2010](#)

[Health and Safety at Work Act 1974](#)

[EUROPAEM EMF Guidelines \(2016\)](#)

[USA Job Accommodation Network \(JAN\)](#)

[ES-UK Leaflet on Electrosensitivity](#)

[ES-UK Selected Studies on Electrosensitivity \(ES\) and Electromagnetic hypersensitivity \(EHS\)](#)

[www.es-uk.info](http://www.es-uk.info)

[www.bioinitiative.org](http://www.bioinitiative.org)

The Parliamentary Assembly of the [Council of Europe](#)'s vote of 2011.

The [European Parliament](#)'s vote of 2009, that ICNIRP's 6-minute heating limits are 'obsolete' and should be replaced by long-term biological limits.

[ICNIRP](#)'s warning of 2002 that "certain sensitive individuals" need non-thermal limits below the UK's ICNIRP heating limits.

- The symptoms of EHS are recognized legally in the UK. Tribunals from 2013 have awarded financial compensation for those unable to work because of EHS.
- The Health & Safety Executive (HSE) has stated that risk assessments are necessary before installing Wifi. The UK's Department of Health and Public Health England's advice does not cover all risks from Wifi, especially long-term effects such as EHS.
- Meters costing £100-£350 can check wireless levels against biological safety limits such as EUROPAEM EMF Guidelines 2016.
- Wifi and mobile phone radiation is classified as a 2B (possible) human carcinogen by the World Health Organization's IARC. Leading scientists say that recent scientific evidence requires that it should now be reclassified as a class 2A (probable) or class 1 (certain) human carcinogen.
- The UK's Department of Health and Public Health England currently state that there is no "consistent" evidence that Wifi and mobile phones have adverse health effects. This is because the health effects of Wifi and mobile phones depend on an individual's health and sensitivity which vary greatly, depending on genetic factors and autoimmune levels. International biological safety limits have a special category for people especially sensitive to wireless radiation.
- ICNIRP limits, which the UK government follows, consider only 6-minute heating effects of electromagnetic energy, not established long-term effects like cancers, Electro-hypersensitivity (EHS), and impaired fertility.
- This allergy or intolerance to electromagnetic energy (EHS) has been known to medical scientists since 1932. It was once limited to workers in the electricity, radio and radar industries. Since the 1980s, when mobile phones and later Wifi became common, it has spread increasingly into the general population. It is a physical sensitivity, which can be measured objectively, and different from Electrophobia, a psychological fear or nocebo effect, studied since the 1980s. Specialist centres around the world now diagnose real EHS using 3d MRI scans, genetic markers and other objective tests. It can also be diagnosed if EHS symptoms are eliminated when man-made EM energy is eliminated.
- Doctors state that it is especially important to be free of Wifi, mobile phone and other wireless radiation in sleeping areas, or any area where people spend long periods of time. Good practice is always to switch off Wifi and mobile phones at night or when not in use.