

Electrifying Sources

Some of the everyday human-generated sources of EMF's to which we're exposed include the following

Electricity transmission lines. About forty per cent of the electricity produced in the U.S. is lost through leakage as it moves over our 350,000 miles of high voltage transmission lines. Electricity can extend into the air, or flow down a metal pylon and travel through the earth, electrifying underground water flows. It also causes large magnetic fields around the lines.

Electricity distribution lines and electrical wiring in walls, both with electrical and magnetic fields extending around them. Electricity should flow through your home and neighborhood and loop back to the transformer—that big metal canister mounted on the telephone pole. But almost a third of the electricity gets loose and returns to the transformer through the earth below you. That electricity can come back into the building on metal water distribution pipes, electrifying your water. Apartment complexes in neighborhoods with underground power lines often have transformers nearby on the ground—those big metal boxes labelled with a drawing of a man being shocked. They rely partly on the earth to attenuate the electrical and magnetic fields, as earth is a good conductor. Water utility pumps that send water up to municipal water towers and homeowner's sump pumps can spread a blanket of EMF's through the earth as well. So much for walking barefoot in the grass as a way of letting off static charge.

Plugged-in equipment such as TV's, computers, printers, copiers, ovens, clocks, fridges, hairdryers, washing machines, dishwashers, lights, and microwave. These put out a variety of frequencies. Older TV's and computer monitors can even dish out X-rays with your evening's entertainment.

Microwave ovens. Besides producing large magnetic fields and sometimes radiation leakages, these machines deplete the nutrition of food and form carcinogenic compounds in it.

Wi fi. In the 1940's when the first microwave ovens showed that microwaves could cook flesh, people would have thought you odd for taking the door off one and spraying your home, kids, neighborhood and universe with them (these frequencies go on forever). A wi fi modem is a microwave broadcast antenna.

Cell phones. We've found that many types of cell phones have the same radiation measurements a few inches from them that a typical cell phone tower has only one hundred feet away from it. Indeed, some cell phones are designed to serve as mini-towers to other cell phones. The phones of motorists passing by can cause emissions as much as fifty times greater than when they're stationary, as the phone searches for the next broadcast tower. If no tower exists in your area, cell phones will blast you even more as they search for a signal that doesn't exist.

Cordless phones. Most cordless phones are transmitting even when the handset is resting on its base. Constantly (like a cell phone you never stop talking on). That on top of the usually large magnetic field around the battery recharger.

Broadcast antenna for AM and FM radio, TV, internet, cell phones, police dispatch, fire district radio, company communications, etc. Within one mile of my brother-in-law's Chicago office there are one hundred thirty broadcast tower structures and over two thousand broadcast antenna. And those numbers don't even include cell phones, which themselves are broadcasters. Check your neighborhood at www.antennasearch.com .

Satellite broadcasts—commercial, military, and government. There are thousands of satellites at work in the sky, showering us with transmissions.

Cars. Besides built-in wireless devices like Global Positioning System (GPS) and keyless entry, the engine and wiring cause huge magnetic fields in most vehicles. (Most new cars measure about 10 milligauss. In contrast, most homes have a background level of one to three milligauss). Hybrid cars in our measuring have had six times the magnetic fields of the worst non-hybrid cars. Toyota will not release the 10 year study of the effects of hybrid sterilization in children from sitting in the back seats. Steel Belted tires create a magnetic field, recommend not to use steel belted radials.

Radio Frequency Identification (RFID). Radio transmitters hidden in walls, shelves, floors, highways, etc. read the uniquely numbered chips hidden in products you buy, and the store-issued cards in your wallet. The speed you're driving can be determined by radio-tracking the chips in your tires at intervals on the highway. Airports can identify you by scanning through their floors the chips in the soles of your shoes. And stores can not only let you self-check-out; they can also electronically see what you're wearing when you enter by scanning the RFID chips and threads woven into your clothes, and the products you pick up and put back on each shelf, for marketing information. You can be beamed repeatedly with radio waves on one shopping trip and not know it.

Laser devices to scan merchandise at check-out counters and kids' fingers at some school lunch programs, and in car headlights.

Medical tests such as X-ray, magnetic resonance imaging (MRI), mammogram, ultrasound, etc., and medical treatments such as diathermy, chiropractic lasers and pacemakers.

Security systems, including radio-frequency scanning to catch shoplifters, the low-level-X-ray scanning of airport passengers, and ankle devices broadcasting the location of criminals on probation.

Radar—traffic, weather, military, and airport. Not to mention automatic doors at many grocery stores. These send out transmissions and receive signals after they hit an object, like you. Also radar to keep a car in its lane.

Smart meters and smart grid. Wireless signals from the meters blanket your and your neighbors' dwellings in a crisscrossing pattern. It's unlikely that the true purpose of smart meters is what utilities say it is.

HAARP (High-frequency Active Auroral Research Program). The U.S. government's array of 180 transmitters in Alaska is capable of bouncing 3.6 million watts of radio waves off the ionosphere, or permeating it. HAARP's uses are secret, but according to its capability, could include weather modification (Hurricane Katrina did an unprecedented sharp shift in direction to hit New Orleans rather than Texas), shielding that can disable the electronics of incoming missiles, and earthquake-causing weaponry. Also radio communications enhancement, mind control of large populations (HAARP uses the same frequency as our brainwaves), and the scoping out of subterranean bunkers and geology. I hope I don't live over any underground features they want to survey with that kind of a beam. HAARP is an ionospheric heater. Is it partly to blame for global warming?

Chemtrails. Tons of barium salts and aluminum dumped from aircraft act as electrolytes to enhance the conductivity of military radar and radio waves, among other purposes.

Uranium mining, processing, and waste disposal. Uranium companies often contaminate the ground, aquifers, and air around their mines and plants, releasing radioactivity.

Nuclear bomb testing. This planet has withstood at least two thousand nuclear test explosions and their fall-out, which will remain a health hazard for 4.5 billion years.

Especially near cities, even a walk "in nature" is not, electromagnetically speaking, anything resembling "natural." The navigation systems of bees, whales, and birds can be fatally compromised by EMF interference. Microwave transmissions interfere with the capillary action that pulls water or sap up a tree. We

cook plants in microwave ovens and everywhere, weakening them, making them vulnerable to disease and pests.

Given how widespread these fields are, you can see the importance of reducing your exposure as much as you can.

Radiation

We'll use the term "electromagnetic fields" or "EMF's" to refer to a broad scale of wavelengths. With progressively shorter wavelengths are the electricity that runs through wires in your walls, AM and FM radio waves, cell phone microwaves, infrared lasers, visible light, ultraviolet radiation, X-rays, gamma rays, and cosmic rays. All these travel at the speed of light, but a research facility in Switzerland may soon break our present measuring device limits and "discover" interdimensional frequencies that are off our present scale.

So which are harmful?

"Ionizing" radiation like X-rays, known with their short wavelengths for causing DNA mutations or cancer, is often thought of as the most harmful, because it can restructure molecules by knocking electrons off their nuclear orbits. But the full spectrum is the stuff of creation, and all wavelengths can be in balance and healthy for our bodies, or harmful.

The EMF spectrum is a delicately-tuned balance of frequencies, and problems arise when parts are isolated from the whole. When we strip a grain like rice of the nutrients and enzymes naturally present that are needed to digest it, we end up with unhealthy food. Likewise, even a radioactive gas like radon in a natural granite cave will not be nearly as harmful as radon coming through cracks in a basement made of cement that was mixed without an intention of balance. And the ionizing ultraviolet rays in full-spectrum sunlight are less harmful than those artificially isolated in unshielded fluorescent lights and coming off computer screens. After all, even the mutation spurred by radioactivity can be evolutionary when supported by a balanced environment.

Some human-electronics-generated EMF's have sharp saw tooth or square shaped wavelengths unlike any found in the wild. Our bodies don't know how to respond to them.

Different kinds of cells resonate with different frequency wavelengths, and are greatly affected by them in their biochemical functioning. In fact, many experts have long believed that electronic treatments for disease are much more specific and effective than drugs, without the side effects. Radio transmissions can broadcast disease-causing frequencies to a population. Your local cell phone tower may be radiating a wavelength that happens inadvertently to promote a certain type of organ malfunction. And your body, comprised mainly of water, makes a great antenna.

The magnetic and electric fields emanating from our wiring and appliances contribute to the following maladies, among many others:

Cancer, which occurs when normal cell division is disrupted and runs amok. Some scientists believe the original damage is usually caused by chemicals or ionizing radiation like X-rays, and then a magnetic field provides a nurturing environment for cancer cells to proliferate. A 1990 first version of an Environmental Protection Agency report designated EMFs in the same class as cigarettes, as a class B1 carcinogen.

Miscarriages, birth defects, and childhood leukemia. Fetuses and children are both growing quickly, with lots of cell division that can sustain damage.