DEEPAK GUPTA

Frontline Electronics, Pvt. Ltd., Salem

EMF DETECTOR

Recently, many studies have delivered warnings about long-term exposure to cell phone radiation and certain electromagnetic fields. These dangers can't be seen by the naked eye.Every urban home needs an EMF survey to discover and then reduce human exposure to the dangers of cell phone tower radiation and increasingly more and more dangerous applications where people may otherwise spend large amounts of time exposed to the microwave radiation emitted by such devices as Wi-Fi, DECT cordless phones, baby alarms, microwave burglar alarms etc. The microwave radiation that comes off of a cell tower may not heat you up the way a microwave oven does but here is what it does do. Somewhat ironically it upsets your bodies cellular system as your cells see this week microwave as a form of attack and in close proximity to the tower say 200 meters away can go into lock down mode thus not ingesting nourishment or releasing waste this will eventually lead to serious illness and may be a simple explanation for the explosion in migraines and Alzheimer's in recent times. Cell tower radiation is seen by the brain as a bright light and interrupts the sleep inducing and cancer suppressant melatonin. This may be the simple explanation for the many documented cancer clusters that are found around older cell tower installations.

This circuit can be used to sense electromagnetic radiations. This circuit is sensitive to low frequency electromagnetic radiation and will detect for example hidden wiring or the field that encompasses a transformer. A 1mH inductor is used for sensing the electric field and responds well to low frequency changing magnetic and electric fields. The field that surrounds a transformer is heard as a 50 or 60Hz.The circuit can even detect hidden wrings. The electric field will induce a small voltage in the sensor inductor and this induced voltage is amplified by the op-amp. Ordinary headphones are used to for detection. The headphone connect at the output of the op-amp will give an audio indication of the electric field. For example, the electric field around a mains transformer can be heard as a 50 Hz hum. The POT R4 can be used to adjust the gain of the amplifier. By keeping the sensor inductor near to a telephone line, you can even hear the telephone conversations.