



RF Raider

SAR stands for specific absorption rate, and it refers to the rate of radiation exposure from radio frequency and microwaves measured in watts per kilogram of tissue. SAR testing has shown that the RF Raider reduces radiation exposure to the human body by up to 60%, in all wireless

communication bands. This means that no matter what cell phone or wireless device you use, no matter what telephone network provider supplies your service or even if you operate your wireless device out of the US, the radio-frequencies you were previously exposed to, have been reduced significantly.



Do cell phones cause cancer?

Maybe... with extended use. Mobile-phone users are twice as likely to develop malignant, difficult-to-treat brain tumors called gliomas, according to a first-of-its-kind study that analyzed the effects of cell-phone use over 10 years or more and was published last year in the journal Occupational Environmental Medicine. The Bioinitiative Working Group, an international coalition of scientists and public-health experts, recently published a hefty report detailing the link between the nonionizing radiation caused by a cell phone's electromagnetic fields (EMFs) and cancer, DNA damage, Alzheimer's, and other diseases. The cells in the body react to EMFs in cell phones just like they do to other environmental toxins, including heavy metals and chemicals.

Do cell phones emit radiation only when you are talking?

No. Cell phones give off radiation any time they're turned on so that they can communicate with base stations. The radiation emitted, however, is stronger and more frequent when you're talking or messaging. Also, the greater distance you are from a base station, the more radiation your phone must emit in order to get a signal, which is why your phone feels hot when you have low reception. That heat you feel is radiation.

Is it risky to carry a cell phone in your pants pocket?

Maybe. One 2006 study found no link to testicular cancer, but other researchers suspect a link to male infertility. Ashok Agarwal, PhD, director of the Center for Reproductive Medicine at the Cleveland Clinic, recently completed a study in which cell phones were set down for one hour in talk mode, next to sperm samples in test tubes. He found that the sperm's motility and viability were significantly reduced, and levels of harmful free radicals increased after exposure. Pregnant women need to take precautions too, because a recent study found that cell-phone use while pregnant is linked to behavioral problems in children.

The RF Raider is designed to help reduce your risks from cell phone use.

ELECTROMAGNETIC POLLUTION

Human-created electromagnetic fields do produce health hazards. Every transmitting and receiving device produces an electromagnetic field. We're placed in a sewer of abnormal electromagnetic pollution by the very things that make our lives convenient:

- TVs
- Cell phones
- Radar devices
- Electric power transmission lines
- Lighting fixtures
- Home appliances
- Electric ovens
- Microwave ovens
- Computers
- Hair dryers

Should you throw away all your electronically based conveniences? No, of course not! But you can live more healthfully by protecting yourself from their transmissions. Even though we can't avoid the electromagnetic pollution in our environment, we fortunately have the technology to help protect ourselves.