

Is Advanced Meter RF exposure safe? Yes.

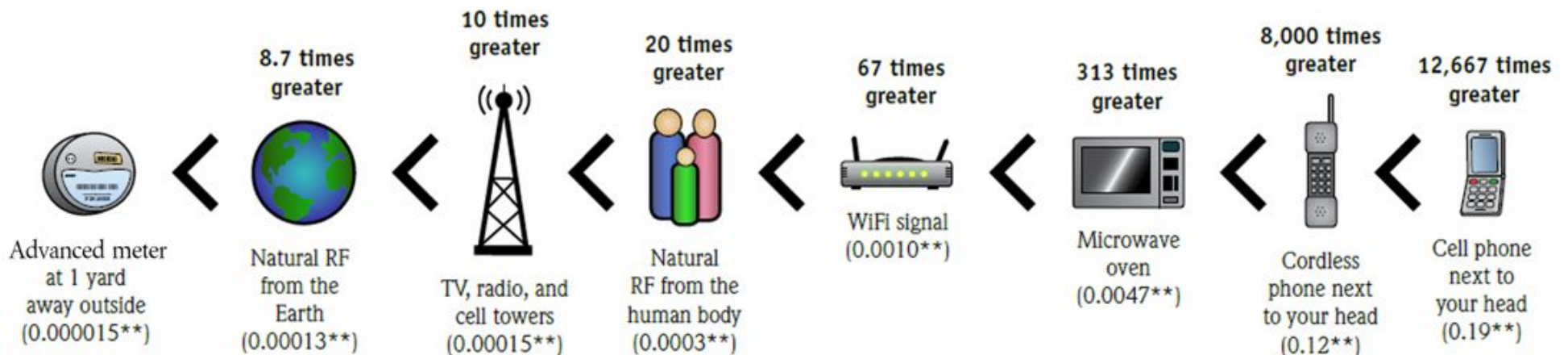
People are continuously exposed to a very low levels of natural and man-made radio frequency fields, or RF. Even the earth's surface and the human body are constant sources of RF fields.

Advanced meters send electric usage data to KREMC by RF signals. The exposure from the advanced meters are of much lower power than other common sources for two reasons: 1) infrequent signal transmission, and 2) distance. On a normal daily basis, KREMC's advanced meters emit power for less than 90 seconds. In addition, these meters are typically placed outdoors, with a wall separating the meter from the living space. This combination of placement and infrequent operation means that you would need to be within one foot of 7,000 advanced meters all communicating at the same time to reach the FCC exposure limit.

Visit www.kremc.com to learn more about the benefits of new advanced meters.

This information is provided by Dr. Yakov P. Shkolnikov, Ph.D. Dr. Shkolnikov has published over 25 peer-reviewed papers on electrical engineering topics such as semiconductor physics and electrical-safety and has participated in numerous technical conferences on medical device analysis and semiconductors. He has a patent pending on security of RFID cards, and has filed several provisional patents filings on cell phone power management, RFID technology, and mechanical strain sensing. He holds a Ph.D., Electrical Engineering, Princeton University, 2005, M.A., Electrical Engineering, Princeton University, 2004, B.S., Engineering Physics, Cornell University (summa cum laude), 1999.

RF exposures from advanced meters are much lower than other RF sources*



* Based on the FCC average exposure standard which averages exposure over 30 minutes of usage (47CFR1.1310 averaging)

** Measured in milliwatts per square centimeter (mW/cm²)