

Smart Meter Radio Frequency Comparison

375 years

of RF from a **SMART METER**



1 year

15-minutes-a day
CELL PHONE USE



8 TIMES GREATER



10 TIMES GREATER



20
TIMES GREATER



67
TIMES GREATER



313
TIMES GREATER



12,667
TIMES GREATER

Smart Meter Outside
at 1 yd. Away
 0.000015 mW/cm^2

Natural RF
from the Earth
 0.00013 mW/cm^2

TV, Radio,
and Cell Towers
 0.00015 mW/cm^2

Natural RF from
the Human Body
 0.0003 mW/cm^2

Wi-Fi Signal
 0.0010 mW/cm^2

Microwave Oven
 0.0047 mW/cm^2

Cell Phone Next
to Your Head
 0.19 mW/cm^2

Smart meters give you more control over your energy use and help you save. Almost 100 million U.S. homes have safe, secure and reliable smart meters.

Smart meters use secure, two-way wireless communication to send information between your meter and I&M. Cell phones, laptops, baby monitors, microwaves and TV remotes also use wireless Radio Frequency signals.

In today's world, you are continuously exposed to very low levels of man-made RF signals. In fact, even the earth's surface and the human body are constant sources of RF.

Use our online tools or go to your account on **IndianaMichiganPower.com** to get all the benefits

mW/cm^2 = Milliwatts per Square Centimeter

Source: Electromagnetic Interference and Exposure From Household Wireless Networks by Dr. Yakov P. Shkolnikov, Ph.D. Electrical Engineering, Princeton University, 2005, M.A., Electrical Engineering, Princeton University, 2004, B.S., Engineering Physics, Cornell University (summa cum laude), 1999.

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