

FCC COMMENT

The current radio frequency exposure limits have caused me to experience health problems. I moved to my new home in July of 2012. I opted out of my own smart meter as a precaution, and I have no other wireless in my home (no corded phone, no wireless router, etc.) Shortly after moving in, I noticed that my blood pressure spiked. It had consistently been about 120/70 but I was now getting 140-150/80-90. I assumed it was stress from the move. I tried different things over the next few months-- I exercised more, lost 5 pounds, focused on my diet, but nothing made a difference. This went on for 8 months. Then I saw a documentary on smart meters and realized how powerful they are (max peak signal strength of 250 uW/cm²). My neighbor's smart meter is about 12 feet from both my bedroom and my home office. I paid my neighbor the fees required to opt out. About a week after their smart meter was replaced by an analog meter, my blood pressure was back to normal-- 120/68. I believe that the smart meter was responsible for my spike in blood pressure.

According to information from our utility company (PG&E) the max peak signal of the smart meter is 2,500 mW (or 250 uW/cm²), and the average exposure over 30 minutes is .058% of the FCC allowable emissions (as per PG&E's November 1, 2011 response to the administrative law judge's October 18, 2011 ruling).

Immediate changes are needed to protect the public health. This includes the maximum exposure limit as well as the using an "average" to calculate smart meter compliance. The maximum exposure limit should be based on biological standards, not thermal standards. The current standard is outdated, based on old science from the 1980's and does not protect the public health.

Liz Menkes
California

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Federal Communications Commission
445 12th Street SW, Washington, DC 20554
[Phone: 1-888-225-5322](tel:1-888-225-5322)
[TTY: 1-888-835-5322](tel:1-888-835-5322)
[ASL Video Call: 1-844-432-2275](tel:1-844-432-2275)