



Docket# E-00000C-11-0328

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To: The Arizona Corporation Commission

From: Paul H

AZ CORP COMMISSION
DOCKET CONTROL

Dear Commissioners,

The term "radio waves" is being misused when talking about emissions from the smart meter. "RADIO" is commonly confused with that of a typical AM/FM radio. The wavelength used to transmit signals to an AM/FM radio is anywhere from 300 yards to 10 feet and does not make the body resonant. The smart meter uses the 900 MHz frequency which is the size of a human skull, making it resonant.

When I had a smart meter on the other side of my bedroom wall I would wake up in the middle of the night as if I were hit with a ball ping hammer. I feel that the amplified signal used during the "data dump" was causing this problem. I have measured this with a Gigahertz Solutions HF38b in a home that doesn't have a smart meter and found a correlation for this mystery pulse along with waking at this time.

A Gigahertz Solutions NFA-1000 <http://www.slt.co/products/emfmeters/NFA1000.aspx> will log through the night as you will find that's when the power is amplified for "data dump" times.

The equipment used to record smart meter emissions should be a battery operated recording device so that the meter itself cannot sense through the wiring the type of equipment being used.

Sincerely,

Paul H.

Arizona Corporation Commission

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