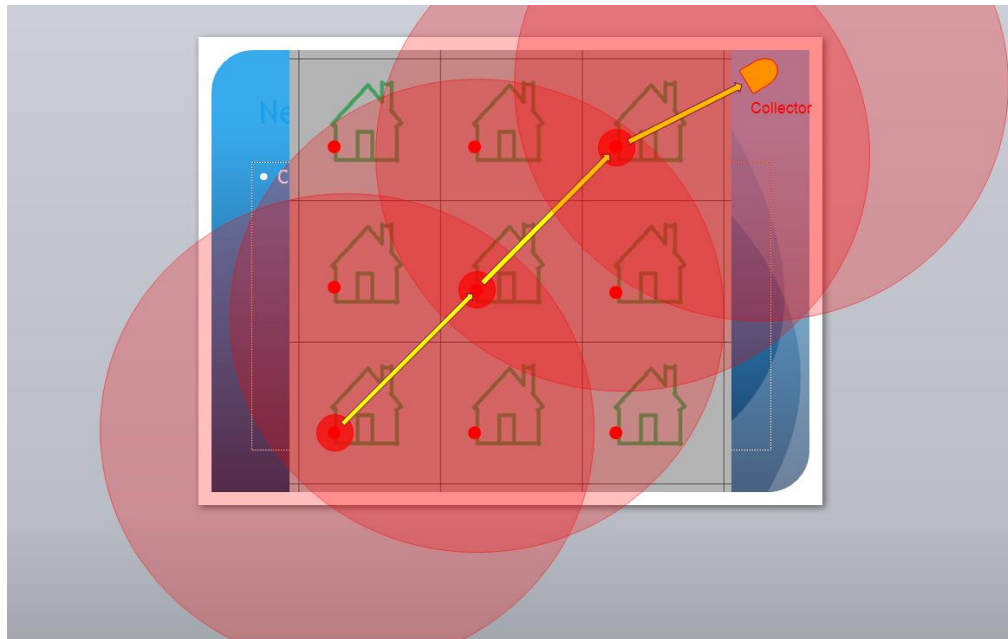


How the Radiofrequency Waves from Smart Meters Amplify A Series of Three Pictures, with the Scariest One Coming Last

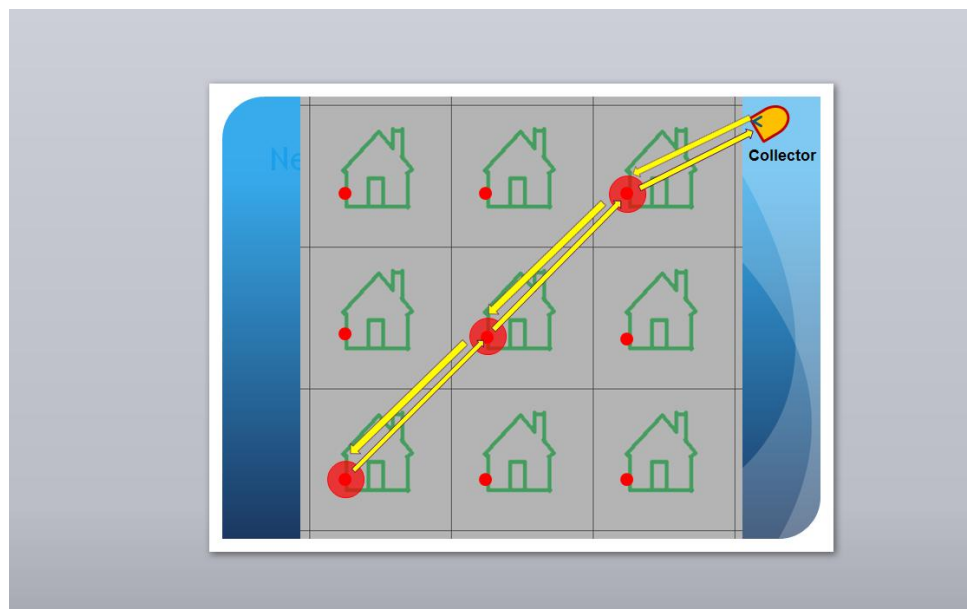
1. The first picture is of just three of smart meters communicating with each other. The meters are the bright red dots. Notice that the meters send out microwave radiation in all directions, which is represented here by the circles. Where the waves (radiofrequency signals) sent out by meters overlap, there are hot-spots of higher-than-expected radiation. This is what is represented by the circles



overlapping (the somewhat bright-red areas). Another way of saying this is that hot spots are created when waves *intersect* and *amplify*.

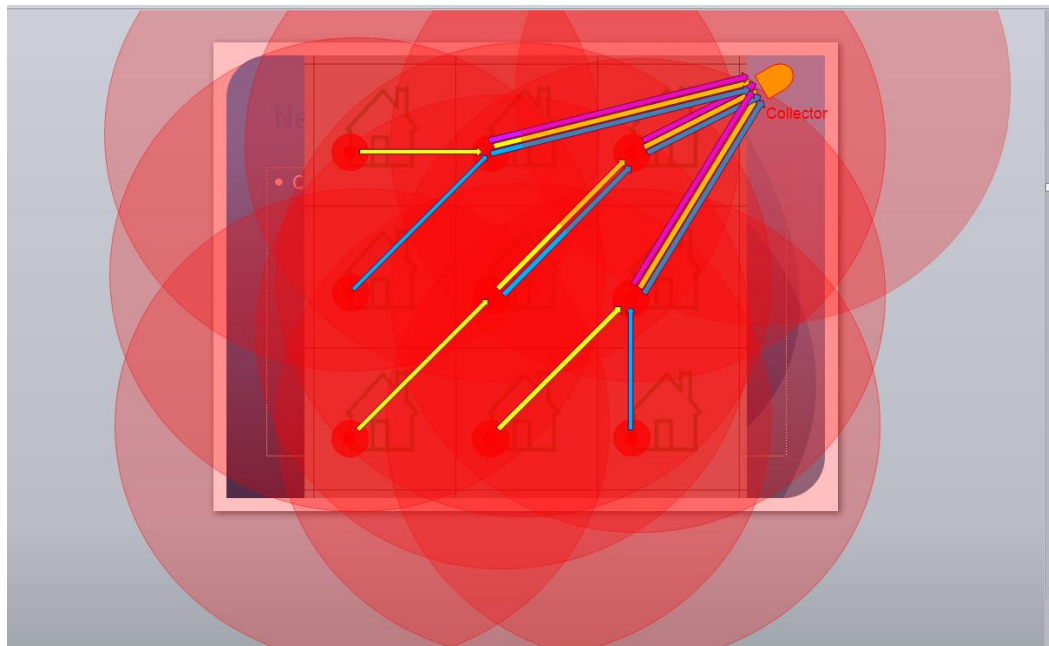
2. Here, by contrast, is a picture of what most people think of when they think of smart-meter signaling.

This is the kind of thing the utility companies show you—“Oh, it’s just one little meter. No big deal.” But, as we saw above, the meters do not spread the radiofrequency waves in a straight line, as this picture would imply. Rather, they waves radiate from their source in all directions; it’s not just the person standing in the yellow lines that will get a dose of RF. (This picture was made simply to illustrate how the meters’ signals communicate with a *collector*.



The unlucky person with this collector on their home is getting a gigantic dose of radiation.)

3. Now see what happens when we factor in all the smart meters on a home. Simultaneous transmissions overlap, creating a cloud of radiation, sometimes called *electrosmog*. Add in all the other wireless transmissions—Wi-Fi, cell phones, gas smart meters, smart water meters, garage door openers, Wi-Maxx, to name a few—and you can see how this bright red can become as bright as the sun.



(The houses closest to the collector are relaying almost constantly, generating the most radiation.)

Thanks to Diana Ostermann, former executive in the wireless industry, for these illustrations. Her complete presentation can be viewed at <http://www.smartmetereducationnetwork.com/media.html>.

www.SmartMeterEducationNetwork.com