

Three horizontal green bars are stacked vertically on the left side of the slide.

Middletown, NY

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Customer Safety Concerns



- **Sensus system is safe – extremely small dose of RF energy that is measured in units**
- **Sensus radio transmits 6 times a day for $\frac{1}{4}$ of a second and producing .08 units of RF energy each time. (assuming within 6 ft of radio)**
 - Comparisons:
 - 5 minute cell phone call produces 1084 units of RF energy (within an inch of device)
 - $\frac{1}{4}$ second use of a microwave oven produces 250 units RF energy (within 1 ft of device)

RF Power in an Everyday Environment



Device Relative Power Density in microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$)

FM radio or TV broadcast station signal	0.005
SmartMeter™ device at 10 feet	0.1
Cyber cafe (Wi-Fi)	10-20
Laptop computer	10-20
Cell phone held up to head	30-10,000
Walkie-Talkie at head	500-42,000
Microwave oven, two inches from door	5,000

Source: Richard Tell Associates, Inc.³

General Consensus



- **Over 20,000 studies have been conducted to understand the health effects of RF Energy**
- **Vast Majority of Studies show no conclusive evidence of harm**
 - **Only a few correlations of health effects with extreme exposures – constant long term exposure at high RF levels**
- **Exposure is far greater from cell phones and other everyday devices than from Smart Meters**



Links to Studies

- <http://www.who.int/peh-emf/about/WhatisEMF/en/index1.html>
- <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1253668>
- <https://ccst.us/publications/2011/2011smart-final.pdf>
- <https://www.fcc.gov/engineering-technology/electromagnetic-compatibility-division/radio-frequency-safety/faq/rf-safety>
- <https://www.fcc.gov/general/radio-frequency-safety>
- <https://sensus.com/rf/>



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QUESTIONS???????

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