

BUILDING-MOUNTED WIRELESS ANTENNAS *and Health Effects on Building Occupants*



Wireless utility companies want to place powerful new 4G/5G antennas on the roofs and sides of apartment and office buildings to beam microwave signals throughout the local area. These antennas will operate 24/7, sending wireless radio-frequency (“RF”) radiation into nearby living spaces, whether or not the occupants use the service.

What You Should Know

- **New wireless technology is being rolled out at a frantic pace** even though it has not been proven safe. In fact, science is proving significant risk.*
- 5G uses all of the existing wave bands and adds **a new band of higher frequencies** that increases the risk of harm.
- Apartments near antennas (and those located in buildings opposite antennas) will be impacted 24/7 with RF radiation. Tenants will have **no right to object**.
- Once approved and installed, other wireless companies can co-locate their antennas in the same space **without additional approval or notice**.
- **Citizens and organizations across the country** are opposing this unfettered buildout of these powerful antennas.

**SAY NO TO POWERFUL WIRELESS
ANTENNAS ON CITY BUILDINGS!**
PROTECT YOUR FAMILY FROM UNNECESSARY RISK!

* To see the independent science on wireless radiation and human health, please visit <http://grassrootsinfo.org/emeraiscience.php>

Questions and Answers About Wireless Radiation

Q. What exactly is wireless radiation?

A. Wireless radiation, also known as radio-frequency (RF) microwave radiation, is part of the vast electromagnetic spectrum. It is emitted from cell phones, routers, tablets and laptops (when they are using wi-fi to connect to the internet) as well as from high-powered, roof-mounted or free-standing antennas.

Q. What evidence do we have of negative effects from exposure to wireless radiation?

A. For years, the industry has led the public to believe that the only possible harm from exposure to wireless radiation was the heating of tissue. In fact, the standard used by the government to set allowable limits of exposure is still based only on these thermal effects. So when wireless companies say their equipment meets government standards, they are talking only about the thermal effects, not biological effects.

There are thousands of independent, peer-reviewed scientific studies from around the world, documenting adverse **biological** effects from exposure to wireless radiation, even at non-thermal levels considered "safe" by our federal government. These include neurological and cognitive harm, DNA strand breaks, reproductive effects, increased risk of brain, heart and parotid gland tumors and interference with implanted medical devices.

Q. Aren't we already exposed to lots of wireless radiation in our lives?

A. Yes, we are. But you should have the right to control the amount of radiation in your own home or apartment. You can turn off your cell phone or choose hard-wired connections to the internet, but once wireless antennas are mounted on your building, you'll be involuntarily exposed all day and night. Studies have shown that the impact of this type of radiation is cumulative, meaning that constant long-term exposure increases your risk of health consequences.

Q. What else should building occupants know about these transmitters?

A. Once one wireless company is approved for a location and signs a lease, other providers can place their equipment in the same location without additional notice or compensation to building owners, increasing the number of antennas and the exposure.

References:

www.americansforresponsibletech.org
www.grassrootsinfo/emergingscience.php
www.saferemr.com/2016/06/index.html

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