

**Sample Resolution Calling for a
State Commission to Study the
Health and Environmental Effects
of Wireless Radiation and 5G Technology**

Whereas the telecommunications industry is engaged in a massive deployment of microwave and millimeter-wave "small cell" antennas across the county to facilitate the next generation of wireless communications known as 5G, and

Whereas this new technology uses existing wireless infrastructure and new bands of radio-frequency (RF) microwave radiation to transmit large amounts of data, but requires significantly closer proximity to users, resulting in the dense deployment of antennas near residences, schools, and hospitals, and

Whereas the deployment of 5G-enabled small cell antennas in our neighborhoods raises serious questions regarding the potential health and environmental impacts of long-term exposure to untested RF microwave radiation frequencies, and

Whereas the Federal Communications Commission (FCC) has not conducted any long term safety testing of new 5G wireless technologies, and has failed to update its human RF microwave radiation exposure guidelines since 1996, despite being advised to do so by the U.S. General Accounting Office, the American Academy of Pediatrics, and hundreds of medical and scientific experts from around the world, and

Whereas telecommunications industry leaders have publicly admitted that they have not conducted any safety tests to determine the possible adverse health and environmental effects from exposure to RF microwave radiation emitted by 5G-enabled small cell antennas, and

Whereas a significant body of published, peer-reviewed, independent science links exposure to RF microwave radiation with serious environmental and biological harm, including increased risk of cancer, reproductive problems and neurological impairments, and

Whereas populations especially at risk from this exposure include pregnant women, children, the elderly, and individuals with implanted medical devices, or cardiac or neurological problems, and

Whereas the wireless communication industry is not insured against claims of personal injury resulting from exposure to RF microwave radiation, and

Whereas the theory that exposure to RF microwave radiation is harmless, which has been the underlying principle of all federal legislation and regulations regarding wireless technologies for more than twenty years, has now been proven false,

Now, therefore, be it resolved, that (name of village, town or city) calls upon its representatives in the State legislature to establish a special commission to investigate the health and environmental risks associated with RF microwave radiation and 5G technology. The commission shall:

(1) Examine the known and studied health and environmental impacts of exposure to wireless radio frequency radiation emitted by waves in the 300 kilohertz (kHz) - 100 gigahertz (GHz) range.

(2) Assess the short and long-term health and environmental impacts of exposure to 5G technology, which requires small cell antennas to be placed in close proximity to each other at telephone pole height from the ground, and will operate in conjunction with the existing 3G and 4G technology infrastructure.

(3) Receive testimony from the medical community including but not limited to experts in public health, epidemiology and oncology; the scientific community including but not limited to biologists, physicists and electrical engineers; the wireless technology industry including but not limited to wireless manufacturers and purveyors, as well as other organizations and members of the public with an interest in the deployment of 5G technology.

(4) Consider the following questions and the impact they may have on the citizens of the state:

(i) Why has the insurance industry recognized RF microwave radiation as a significant risk, and refused to insure wireless companies for financial loss due to health claims related to exposure to wireless radiation?

(ii) Why are manufacturers of wireless equipment, including cell phones, required to warn users to keep such devices away from the body?

(iii) How have peer-reviewed studies, including the recently published U.S. Toxicology Program 16-year \$30 million study, showing a wide-range of statistically significant DNA

damage, brain and heart tumors, infertility, and many other ailments, been interpreted by U. S. government agencies?

(iv) Why has the FCC declined to update its 25-year old RF microwave radiation human exposure guidelines, which are based only on thermal effects and do not consider the non-thermal biological effects of RF microwave radiation?

(v) Why are the FCC's RF microwave radiation human exposure guidelines set for the United States less protective than those in Russia, China, Italy, Switzerland, and most of Eastern Europe?

(vi) Why have more than 220 of the world's leading scientists signed an appeal to the World Health Organization and the United Nations to protect public health from RF microwave radiation?

(vii) What is known about how the transmissions of wireless signals can impact the natural world, including plants, insects, birds and other animals?

(viii) What are the cumulative effects of pulsed wireless signals on human health?

The commission shall investigate and take public testimony on all of the questions raised in this resolution, hold a least two public hearings on these issues, and include as commission members medical experts in microwave radiation exposure and human health, public health experts with knowledge of wireless radiation effects, representatives of industry and qualified members of the public. The commission shall issue a final report to the people of the State regarding the results of its investigation within one year of establishment.