

Cell Tower Complaint Filed With FCC on Behalf of Honey Bees

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[Damascus](#) : [MD](#) : [USA](#) | Nov 04, 2009

On October 28, 2009 a local Washington, DC area telecommunications services company executive filed an informal complaint with the FCC stating that the GSM mobile system is modulated at 217 HZ and interferes with the honeybee "natural" operating frequency that is 180 - 250 HZ.

The complaint cites research dating back to 1974, from the Russian researchers [Eskov and Sapozhnikov](#) that found bees generate electromagnetic signals with a modulation frequency between 180 and 250 Hz when they do their communications dances. Hungry bees react to those frequencies by erecting their antennae. Research done by Ulrich Warnke reported that the ***communication impulses of the antennae when touched by a fellow bee can be measured with an oscillograph*** and that in the presence of strong electrical fields bees communications is disturbed and they become aggressive while stinging one another to death and will leave the hive if possible.

Much research on Colony Collapse Disorder (CCD) has revealed numerous reasons for the bees demise. The [Kompetenz Initiative 2008 report](#) states that there may be a link between the Varroa mite and numerous other bee ailments and Electrosmog. Electrosmog is electromagnetic radiation (EMR) emitted by cell phones, computers, cell towers and other electronic devices. [EMR](#) is believed to also damage DNA in humans and to weaken the honeybees immune system.

While the FCC has harvested billions of dollars for the auctioning off the frequency spectrum and wireless carriers continue to profit from cell phones and the recent increase in cell phones, portable device assistants (PDAs) and smart phones; the demise of the honeybees continues. Honeybees are directly responsible for pollinating approximately one third of the world's food supply. It's also interesting that Colin Buchanan of [IndyMedia UK](#) has developed a timeline showing [The Disappearing Bees: CCD and Electromagnetic Radiation](#).

While traction continues to mount against the cellular operators for harmful effects of cell phone use, a new and growing concern arises as U.S. honeybee populations continue to decrease. Advancing biologically-based EMR exposure standards that serve the best interests to protect public health and our natural environment are likely to be those new standards to unfold sometime in the near future as more research continues to show that cell towers and other sources of EMR negatively impact nature's operating frequency.