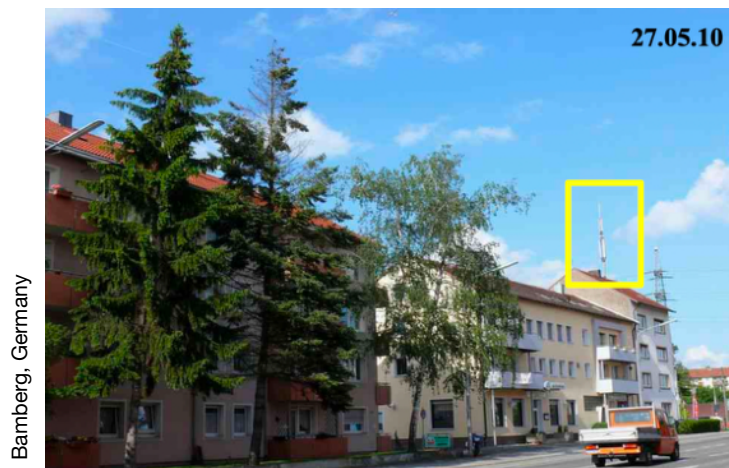


Tree Damages in the Vicinity of Mobile Phone Base Stations (cell towers)

Research by Cornelia Waldmann-Selsam and Horst Eger, 2013
umwelt-medizin-gesellschaft, 26:198-208 <https://kompetenzinitiative.com/wp-content/uploads/2019/08/Tree-damages-in-the-vicinity-of-mobile-phone-base-stations.pdf>.

★ See Dr. Cornelia Waldmann-Selsam's interview in
The Digital Dilemma - Documentary (at 1:03:38)

May 27, 2010: Note the cell tower location. The needles of the spruce that is in the 'radio shadow' (to the left) are intact, while the other is losing them where it is exposed above the building. The birch is not growing upward.



Three years later, June 28, 2013: Increased number of tower antennas. The spruce in the 'radio shadow' is still intact. The other has gone bare, exposed above the building. The birch is thinning and still not growing upward.

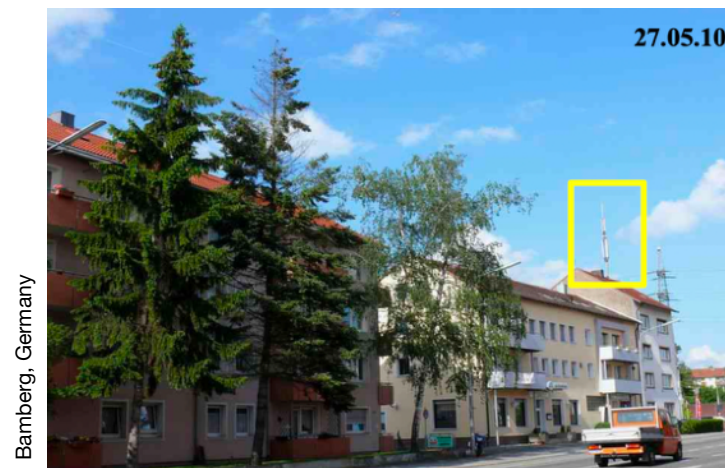


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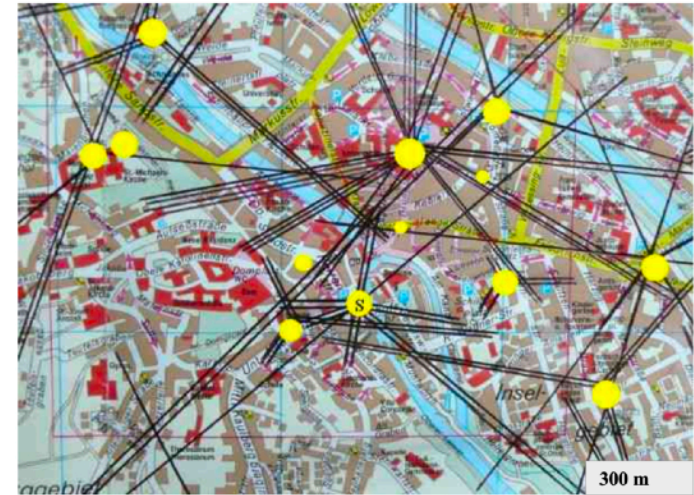
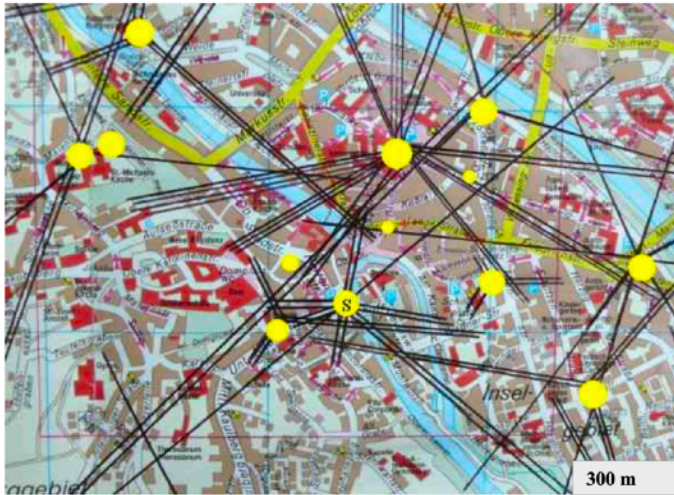
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Cell towers and their main beams

Bamberg, Germany where these photos were taken

Intersecting 2-way transmissions multiply RF exposures



June 12, 2012: a maple entering autumn early, leaves browning rather than coloring like normal, and dying off more where the radiation is higher and less where it is lower, in the 'radio shadow' of the building. The tower is visible at bottom right.

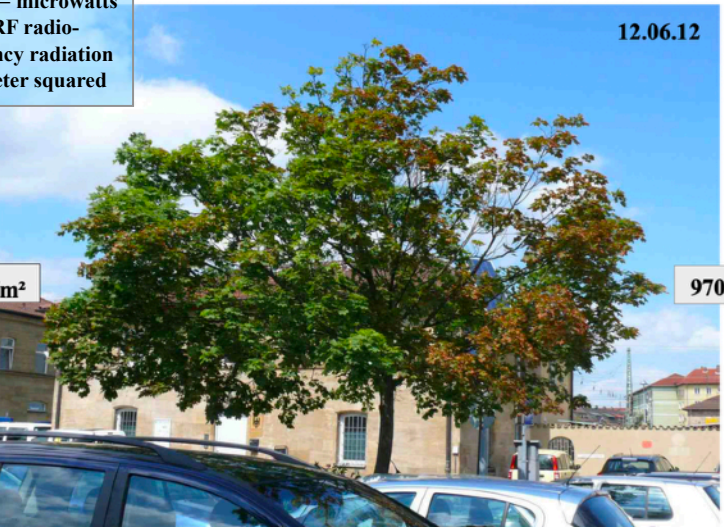
$\mu\text{W}/\text{m}^2$ = microwatts of RF radio-frequency radiation per meter squared

12.06.12

130 $\mu\text{W}/\text{m}^2$

970 $\mu\text{W}/\text{m}^2$

←
Cell
Tower



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★ Also See the tree damages observation guide: https://kompetenzinitiative.com/wp-content/uploads/2019/08/2017_Observation_Guide_ENG_FINAL_RED.pdf

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