

iPad-2

By me (and an increasing number of researchers) recommended maximum emf density with complex content is below $10 \mu\text{W}/\text{m}^2$ (preferably lower) where you are for a long periods, such as in a classroom, at work or at home. This means that an iPad should be totally banned in most environments, if you're going to care about health risks!

Bottom →

The radiation at WiFi use is up to about 1000 times higher than my recommendation.

Here inside is the WiFi antenna (you should therefore have the camera on the left)



The radiation density at the 3G usage and poor coverage can mean levels between 5000 - 100 000 times more than my recommendation.

← Camera

Here inside is the 3G antenna

→ About 2m at the side is the radiation density 3-5 mW/m^2 in 3G and poor coverage.

WiFi

20 cm in front of the screen is the power densities 3-5 mW/m^2 .
5 cm in front of the screen, it is about 14 mW/m^2 . The radiation do not vary according to the distance to a router, always the same.

NOTE!

Indications for 3G applies to only 1-2 marks (out of 5) in signal strength, thus, where there is poor coverage. At 5 selections in the signal strength is radiation lower, under 1 mW/m^2 with 20 cm distance. Do not use 3G at low coverage!

3G

20 cm in front of the screen is the radiation density 50-280 mW/m^2 .
5 cm in front of the screen is the density between 400-1600 mW/m^2 .
At the beginning and end of a telegram there are brief, intense "spikes" which may be above 2 W/m^2