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Apple Monitors: ELF Emissions Not Affected by Refresh Rate

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TOPIC -----

Is there a correlation between a monitor's DPI resolution and ELF emissions?

DISCUSSION -----

The refresh rate (the number of times a video image is refreshed on the screen) determines the frequency at which ELF is emitted, but the refresh rate does not increase the amplitude or levels of ELF emitted from the monitor. Crisp color graphics require a wider video bandwidth than text-based systems, so there is the possibility of increased VLF and high frequency emissions, but the ELF spectrum remains unchanged.

Apple's products are constantly tested and compared against existing and proposed international standards. We continuously follow scientific developments in the field of computer health and safety. Members of Apple's Environmental Health and Safety group as well as representatives within Product Development, Product Marketing, and Engineering Services keep track of new findings.

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