

F. E. Terman, in "Radio Engineering", McGraw-Hill, 1937, page 643, states that the static at 5 MHz varies from 4 uV/M (microvolts per meter) at night to 0.4 uV/M in the daytime, and the static at 15 MHz varies from 0.2 uV/M at night to 0.4 uV/M in the daytime.

I listen to transmissions from amateur radio operators and from shortwave broadcasters, using antennas 15 to 30 meters from the nearest power line. Many of these transmissions are not far above the existing static.

I suggest the emission limit for broadband over power line (BPL) be set at 0.4 microvolts per meter measured at 15 meters distance.

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