

Federal Communications Commission  
Washington, DC

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Re: RM-9404 Amendment of Parts 2 and 97 of the Commission's Rules to Create a Low Frequency Allocation for the Amateur Radio Service.

Sir:

I am writing in support of the ARRL submittal, which is comprehensive and thorough.

Additionally, I wish to note that the character of Power Line Carrier (PLC) equipment is such that the possibility of interference from radiated signals is close to zero. Power lines are a very noisy radio-frequency environment, which anyone who has driven under power lines using an am receiver can attest. The result is that PLC receivers are of necessity very insensitive; usable receiver sensitivity is typically measured in millivolts to volts, versus microvolts for radiated signal receivers. The only place I have heard of where radiated signals were a problem was in the immediate vicinity of VLF very high-power transmitters. Radiated signals are normally not heard in PLC receivers.

Further, the nature of PLC operation obviates the possibility of mal-operation due to a received radiated signal. As previously noted in submittals, the PLC system maintains a "Pilot" signal which indicates that the circuit is active. When an operation is called for