

Federal Communications Commission

Re: Docket 03-104 Comments

As a member of the amateur radio hobby (call N4TCR), I am quite concerned that the quick approval of power line communications (PLC) is not in the best interest of the public, and more pointedly will cause much interference between the PLC and amateur services.

A number of scientific studies have been conducted in countries such as Austria and Japan. In each case of which I am aware, Government authorization for PLC has been withheld as a result of these studies.

We know power lines are notorious for emitting random noise and 60 Hz. hum. For many years they have caused interference with telecommunications entities on their wire-line services. There is little noise immunity or suppression engineered into most of their cable plants, save that provided by proper grounding of the multi-grounded neutral.

Studies already conducted have shown the inadvisability of proceeding with this service. Like many technological advances, its time may come, but should only come after proper engineering of facilities for the additional purpose to which they will be put. Enforcement of facility quality and type is also needed to ensure poorly engineered facilities do not provide services technically beyond their capability to prevent interference to or from established services.

Thank you,

Sincerely,  
Frederick Webb