

Dear FCC, The proposed broadband powerline modem service is technically a very bad idea. Over the past 40 years we have suffered the following kinds of interference from power lines and power line modems:

- 1) Faulty powerline equipment generating spurious signals exceeding 1000 microvolt in an amateur receiver. Poor response on the part of the utility in elimination the source.
- 2) Current generation power line modems (when operated in the 80M amateur band generating signals exceeding 500 microvolts with the modem source located blocks away. Imagine what the signal strengths would be powerlines within feet.
- 3) Coaxial fed CATV signals leaking out and interfering with amateur and TV reception. Poor response by CATV operators in fixing these problems.
- 4) As an amateur radio operator, being blamed for such interference!

I don't see how this proposal (bare wire, non-shielded) could not result in serious interference problems and a huge workload for the FCC trying to enforce a RFI clean environment.

The FCC should insist of realistic proof of no significant interference in typical community environs before even ruling one way or the other. Let the proposed providers shoulder the proof and, if approved, write strict regulations requiring the providers to immediately solve any interference problems at their expense-- including the requirement that they cease and desist if no solution is provided within a short time window.