

F.C.C.

I would like to comment on your NOI for Broadband over Power Lines. While this medium of transmitting high-speed data into remote areas is interesting, the potential for harmful interference to all users in the HF range is almost certain. Even if a system can be operated without interference in a controlled test environment it is unlikely that when applied to the existing power lines that it will not cause interference due to the condition of the present power lines.

Part 15 rules help control interference to licensed users of the radio spectrum. The power utilities and equipment manufactures are stating that BPL is possible under current Part 15 rules then why do we need to modify these rules. When installed the existing power lines were not designed to carry high speed data and are a poor medium for transmission of data. The fact that the power companies and equipment manufactures are petitioning for changes to the current rules shows that they cannot make BPL operate without causing interference to other users.

Before BPL implemented field test should be performed and data from other countries that have conducted testing should be reviewed. BPL should only be permitted if it can be implemented without interference to other users and within the parameters of the existing Part 15 rules.

Sincerely,  
Mike Cravens  
KI0P