

IBEC Comments Regarding BPL Emissions and Amateur Radio Interference

International Broadband Electric Communications, Inc. (<http://www.ibec.net>) is aware of concerns regarding the potential interference of Broadband-Over Powerline (BPL) signals with existing radio services, such as licensed amateur radio and public service communications. All products used by IBEC in its BPL network are fully compliant with FCC Part 15 Class B requirements as specified by the U.S government (http://www.access.gpo.gov/nara/cfr/waisidx_01/47cfr15_01.html) and carry the Part 15 Class B certification.

In addition, all products used by IBEC in its BPL network are fully compliant with the current HomePlug Powerline Association (HPA, <http://www.homeplug.com>) specification, which has been jointly evaluated by the HPA and the American Radio Relay League (ARRL) and documented not to create meaningful interference with licensed amateur radio frequencies. The report of this joint study appears on the ARRL web site, http://www.arrl.org/tis/info/HTML/plc/files/HomePlug_ARRL_Dec_2000.pdf . There are currently millions of HPA-compliant devices deployed around the world, with no evidence of meaningful interference with these licensed services.

To verify that its products do not interfere with licensed amateur radio communications, an independent field test was performed by a licensed amateur radio operator at IBEC's BPL Pilot program site in Cullman, AL. The results of that field test, available to interested parties, validate that there is no measurable interference from IBEC's BPL system to licensed amateur radio communications.

As part of its ongoing BPL Pilot and deployment programs, IBEC will continue to monitor its networks for any possible interference with existing services and take any needed corrective action, should any such interference result.

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