

Dear Sirs:

Thank you for this opportunity to express my concerns about the Broadband Over Powerline (BPL) proposal. (Docket 03-104) It is very likely that using existing electrical power lines to provide Internet and broadband services to residential and commercial sites will release significant interference to the high frequency (HF) segment of the radio spectrum. The American Radio Relay League provides samples of broadband interference at their website. (<http://www.arrl.org/news/stories/2003/08/08/2/?nc=1>). Assuming these spectrum samples are an accurate measurement of BPL interference, BPL would directly interfere with my personal use of established amateur radio frequencies for low power communications.

I'm a licenced amateur radio operator who operates 4 to 6 hours a week, often using low power (2-3 watts) on the 7, 14 and 21 MHz bands allocated to the service. I worry that BPL spillover into these bands will overwhelm my low power signal, requiring me to use much more power and/or abandoning the use of these bands altogether. As a licenced operator, I view my continued use of these bands as a prerequisite for effective short and long range communications in case of an local or national emergency. Also, I feel my professional and curteous interaction with foreign stations is an intangible form of quiet diplomacy reflecting well on our nation.

BPL may be a very successful service, but a more comprehensive review needs to be conducted before even limited deployment is permitted. It is especially important to include urban and suburban and suburban/rural areas with significant populations in this review. I believe the full impact of BPL will be better appreciated after this is done.

Thank you for your consideration in this matter.

Sincerely,

Gregory W. Lawrence  
FCC Amateur Radio Licence W2JWM  
21 Myers Heights Road  
Lansing, NY 14882  
QRPBooks@twcny.rr.com