

BPL should not be deployed unless it can be shown that it can electrically co-exist, within the HF, low-VHF and VHF, spectrums with the established "channelized" or "banded" services.

As a licensed and active Amateur Radio operator (W5RH) and a long term user of the high frequency spectrum where BPL might potentially exist, I object to BPL being deployed 1) without extensive FCC Part 15 compliance adherence testing and 2) without canvassing all users of the spectrum, i.e. military, commercial broadcast, maritime services, land mobile services, commercial aviation, Amateur Radio Service, emergency and disaster assistance services, in so far as, the ramifications of BPL deployment effecting these established services.

The HF and low VHF RF spectrums are not limited to (normal) line of sight capability due to ionospheric propagation phenomena. Even very low power HF signals can propagate great distances and cause interference to legitimate services in other states and even other countries. Because of BPL's very wide base band 'carrier' spectrum (2 through 80 MHz.), and the fact that it will be deployed over 'unshielded' electrical service power lines that exist everywhere there is habitation in USA and the world, the concern for the high probability of even minor interference is substantiated. The FCC should thoroughly investigate BPL and show it to truly be a complementing service within the RF spectrum, before allowing it to be deployed.