

BPL is a poor technology choice for minimizing interference on the HF and VHF spectrums. Laboratory tests (ARRL) have already demonstrated the interference levels of this mode and it is obvious that the power lines act as a "noise antenna" to this end. This approach is technically interesting but in practice a poor choice in implementation. Please do not allow the current politics and big business interests of today push decisions to go forward with this noisy mode. BPL IS A BAD IDEA! In one respect, this reminds me of the Part 15 rules governing computer emissions in the early 1980's. Manufacturers put expensive shielding into those early computers in order to be compliant. Now days high speed computers in the home are made of plastic and the emissions are terrible. The FCC seems to have turned a blind eye to this problem. Computer hobbyists build high speed computers with see through plastic siding and no attention given to the high speed clocking emissions. The FCC seems to have become worse with even less attention given to the BPL spurious emissions that could be generated using the US power grid as a medium. This is a Pandora's Box...once you open it, it will run away on you and you won't be able to stop it. Emissions criteria under Part 15 will be ignored in the long run, just as home computer emissions are now. And, the FCC won't be able to handle the number of complaints waiting to be filed if the decision to allow BPL is made. DON'T DO IT!