

Sirs,

As a 36 year old Amateur radio operator, I am very concerned about the way the FCC intends to regulate BPL. Our hobby provides public service in time of emergency and requires constant experimentation with low power and emergency equipment. Any increase in the noise floor by strong local spread spectrum will make this service unusable.

Other governmental and private licensed services will experience the same problems if frequency ranges, power, and spurious emissions are not correctly controlled to not interfere with these licensed users.

Utility companies have proved themselves to be slow to respond and argumentative over current interference issues. Your commission must get involved with several cases each year to force utilities to obey FCC regulations. They cannot be trusted to self regulate, and I proposed that they not be allowed to self regulate.

As to band space, I propose BPL be restricted to the current analog television channel frequencies. Spread spectrum will not interfere with broadcast television significantly, and broadcast television is headed to more narrow digital modes anyway. An exception would be television spectrum in the 50-51 Mhz spectrum, which is used by many Amateurs.

Power levels can be kept low by using digital transmission modes and signal repeaters. Over the long term the environmental, economic, and interference impact will be better at lower power levels. Excess fossil fuels will not have to be burned so that BPL can run high power and interfere with licensed and part 15 devices, damaging the economy.

The FCC is charged to protect the licensed services and we expect just that from you.

Respectfully submitted,

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