

I wish to register my opposition to Broadband over Power Line services using HF frequencies licensed to the Amateur Service, due to the probability of mutual interference. As radio amateurs, we are authorized to use upto 1.5 kW with gain antennas leading to several kW erp, and we are located in residential areas. Our neighbours are likely to react negatively when their Internet service is interrupted. We are also liable to experience interference in the form of an increase in the noise floor, which is not acceptable as we use these frequencies to ommunicate directly with other amateurs in other countries. If for example, we wish to talk to someone in Australia, which is not atall uncommon, the path loss is considerable, and an increase in the noise floor caused by broadband transmissions is therefore a serious problem.