

To the Commission: Broadband Over Power Line emissions levels have been stated by advocates to be relatively low and the induced noise level should not bother other radio spectrum users. On the other hand, there are quite a few services that are concerned that the noise levels created by BPL would substantially impair their communications channels. Here I would point out that we must not forget that there are international treaties regulating radio emissions frequencies and levels. Before the Commission permits BPL to go "on line" experts should be contracted to apply principles of physics and mathematics to evaluate whether the noise levels of BPL on thousands of power lines on all the major grids (assuming here full implementation of BPL is taken up by the providers) will, in any accurate mathematical model of integrated power levels, be predicted to cause substantial noise energy to spill into the radio spectrum of one or more foreign countries in violation of international treaties. Until these studies are done and the answers are conclusively known to be insignificant, the FCC should NOT go ahead with authorizing BPL at any time or place in the United States.