

As an Engineer and an Amateur Radio Operator, I would strongly suggest that further study of potentially severe interference be conducted. The possibility of this is it's not only possible, but is in fact, most likely.

Imagine, the entire power grid acting as a huge antenna coupling RF energy directly into every place using electricity. Actually that's what is intended, so computer information can be transferred. Have you ever tried to listen to a radio near a computer? The digital signal being basically a square wave pulse and emits a very broad band of energy through out the spectrum.

This is why the current rules specify a limit to the amount and intensity of computer "noise". If this BPL is allowed to proceed, this could be over the entire HF spectrum, coupled by the power lines everywhere there is electricity.

I feel much further testing is warranted, and cannot see how this broadband energy can possibly be contained. After all the power grid is not shielded in any way and will actually radiate as an antenna.

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