

As much as I'd like true broadband access at my house, BPL is a disaster in the making. While no one can argue that getting broadband internet access into the hands of the masses is a bad thing, the method of delivery involved in BPL is flawed at best. The 2-80 mhz range of frequencies that BPL, in it's current form, leaks into, are currently occupied by various public and private service institutions, and rendering them useless due to the faulty transmissions of BPL is reckless, at best.

When the phone companies rolled out DSL, they, too, suffered from this anomaly...in their case, the entity that they stepped on with their dirty, uncontrolled transmissions was...THEMSELVES!!! Their own phone lines, the main lifeline to their survival, was being interfered with...and guess what happened...?? They worked on it...they tweaked it...they stopped the bleeding of RF interference into their own phone lines to make it work, AS IT SHOULD. BPL providers need to look long and hard at their product, and admit that they can, and should, do it better...without the stray emissions, without the interference, and be the good neighbors in the spectrum that the rest of us, already in there, already being good neighbors, are expected to be.

BPL, in it's present form, is completely unacceptable, if only because of the trampling it does to the existing users of the 2-80 mhz holders. In looking at the spectrum charts, we can see that this area of radio waves is clearly defined with primary and secondary holders...The BPL presence in this spectrum must fall under one of the two following categories:

§15.105--Information to the user.

(a) For a Class A digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

(b) For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

I find it hard to believe that the FCC would hand over this entire spectrum to BPL, and turn the current primary and secondary holders out into the street...but then again, money does talk, doesn't it...??

Whether you are a commercial business, and public service organization, or a hobbyist, you recognize the impact BPL potentially has upon you. Only by making your opinion heard, here, and to you elected representatives, can you force the power companies to rethink their business strategies, their plans, and their motives. I have no doubt the BPL can be done cleaner...can be done properly...can be a good neighbor in our spectrum neighborhood. But if we all stay silent, and let this juggernaut ram it's way through, we'll never know how good it really could be.

That it leaks tells me that it's not at all efficient...that they are willing to step all over us tells me that they care more about the bottom line than the negative effect they will have on our everyday lives...that I have to point this out tells me that our decision makers in DC NEED your letters and comments on this issue...NOW!!

steve