

The plan to put data over power lines in the frequency range as noted without feasibility studies should be put on hold. The possibility of interference to other licensed services (Amateur Radio) should be taken into account before any comments should be regarded pro for con.

I would like to put forward the following argument against the proposal:

The idea to go forward with this seems like a question of imminent domain. The interested parties involved in pursuing the idea of putting a broadband signal over the power lines is based on the easiest approach to a difficult question (how to get the most information to the most people as inexpensively as possible). The chances of creating RFI and interfering with the existing services (Amateur Radio) seem to be technically impossible. Is there a measurement at each point in the feed path that would determine if a maximum allowable radiated signal level is exceeded? Will tests be performed to monitor the amount of interference made to the Amateur Radio Service?

The implementation of this idea should be undertaken only after a test with all parties being affected are brought into the testing of BPL.

Unless there is sufficient representation on all sides (ARRL, congress) I don't believe the technical implementation or testing should be started until an impact study is performed.

Technical feasibility starts with this and should end with another call for comments.

Hopefully, the correct set of standards are adhered to (Part 15) is this case. The broadband radiation should, hopefully, be less than that of any cable service.