

BPL has been tried in Finland and shut down due to interference problems. Japan looked at it and it abandoned due to interference. The problem is that the power lines are designed to handle 60 Hz power delivery NOT high frequency radio signals. The power lines are not balanced for radio signals so that they will not radiate. They are not shielded so that they will not radiate. Where I work the computers we manufacture have to pass FCC testing so that they do not radiate and cause interference. Testing in Japan has shown that BPL will cause interference many miles away from the source. The FCC should not allow BPL in the United States. When the USA was attacked many volunteer radio operators helped with communications. If the interference level is too high, volunteers will not be able help during an emergency, which will harm home land security in a national or local emergency.