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I would like to express my views regarding ET Docket 03-104 proposal regarding BPL Technology.

Since 1984 as an EMI Professional, I have had the responsibility of designing products containing digital devices to meet FCC and the EC community regulations for two major corporations in the state of New Jersey. Both of these companies sell domestically and export to the foreign market place. I have witnessed first hand the results of products that do not comply and how they interfere with receiving devices and other sensitive electronic equipment.

Specifically, I have designed many products complying with FCC Class A, Part 15, Sub-part J that specifies amplitude limits on both conducted and radiated RF emissions. On conducted RF emissions, much effort and finances have been exercised to meet these guidelines to provide interference free operation of RF receiving devices.

Quoting from, "Electromagnetic Compatibility Handbook" ISBN 0-442-28903-0, page 683; "The performance of conducted emissions testing is to assure that harmful emissions below 30 MHz do not conduct onto long power lines and eventually radiate."

It is totally ludicrous to consider such a technology as BPL that will result in such broadband interference that will effect so many services. It would be a poor decision to approve BPL and negate all the work that the FCC has done to date regarding "conducted emissions".

I encourage you defeat this proposal.

Gregory L. Smith