

I hold the Doctor of Science degree in Electrical Engineering and am a licensed Professional Engineer in Virginia. I also hold an Extra class Amateur radio license.

Levels of interference produced by many BPL systems, depending on the modulation type used, depend on the volume of communications traffic being carried at the time the measurement is made. Presently, most of these systems are carrying minimal or no traffic. Measured levels of interference made now cannot be representative of the levels that will radiate from a fully loaded system.

A second point is that power systems using underground lines may radiate less than those using overhead lines, but radiation still will occur from residential wiring.

For the foregoing reasons, I believe that only measurements made on fully loaded systems with numerous residential connections should be used in attempts to show that BPL will not interfere with present spectrum users.