

There is overwhelming evidence that implementing the proposed "Broadband Over Powerlines" (BPL) as described in FCC Docket 03-104 will cause pollution of the RF spectrum. In field trials, noise levels from BPL disrupt normal radio reception from the AM broadcast band through several lower TV channels. Current BPL technology effectively renders the entire electromagnetic spectrum from below 160 meters to above 6 meters unusable wherever it is deployed. There are no studies of possible impact to higher frequencies to date, though there is anecdotal evidence of some pollution of VHF and UHF frequencies in studies conducted in Japan.

Technical studies and field reports, both in the US and in other countries, overwhelmingly demonstrate that BPL is a disruptive polluter of the environment. Any user of the HF spectrum unfortunate enough to live in areas where this technology is deployed would lose the use that resource. Amateur, government and industry HF and VHF spectrum users would be impacted with insurmountable levels of pollution because of widespread deployment of BPL.

The FCC is already understaffed to address the volume of interference complaints they get now. Permitting the deployment of BPL will increase the volume of those complaints by several orders of magnitude. Who will address this increased volume of complaints? The FCC is a government entity that has the awesome responsibility of protecting one of this nations valuable resources. Other countries look to us for leadership, particularly in technology. Please live up to your responsibility and DENY THE DISTRIBUTION OF BROADBAND ACCESS OVER POWERLINES. There are too many viable options that are not as disruptive, not as polluting, and are far more effective.

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Amateur Extra

ACCESS OVER POWERLINES. It is a poorly