

Hello

I am writing to reflect my concern that the use of Power Lines for data communications will generate substantial amounts of RF interference for amateur radio and other general radio services. Amateur radio may be more severely impacted than commercial users or producers due to the power limits imposed on them. Further to this is evidence of interference to other radio services as provided on the ARRL website.

A sample of such information is included below:

Summary: Access PLC system is considered one of the "last mile" solutions. However, HF PLCs using overhead distribution would be an interference source to radio communications services and scientific observations in this band. This paper describes assessment test results in Japan. One of them is carried out as a part of government's investigation. Bad LCL characteristics of mains results large amount of radio interference, and thus the deregulation in Japan is shelved.

Authors: Cosy MUTO, Norikazu MORI and Toshiyuki KONDOH

Note: Presented at the ISPLC2003 Symposium.

I urge the FCC to carefully consider all the information before approving such a use of the powerlines.

Thank you for your attention.

Gary Gordon