

High Frequency (HF) radio is an essential resource for emergency communication by amateur, commercial, broadcast, and military users. Considering the current state of HF radio, there is a high degree of noise, unintentional interference, and unenforceable illegal usage, which causes a high degree of difficulty to users of this most needed radio spectrum. The use of PLC (Power Line Communications) technology has a high potential for causing a great degree of interference to the HF spectrum community. Even with the current alternatives for communication such as satellites and landlines, HF spectrum is a everlasting backbone that remains when other mediums fail. I urge the commission to realize that this technology has the potential to create a debilitating situation for the usage of HF spectrum and for all its users. Therefore, considering the available alternatives for broadband data solutions like DSL, Cable Modems, Satellite Data, and other emerging technologies, PLC may be highly detrimental to established HF users.