

Concerning PLC (Power Line Communications):

As is being widely reported, PLC has the potential to disrupt most communications in the HF spectrum from the AM broadcast band up to the FM broadcast band. Included in this potential is the possibility that Amateur Radio communications between 1.8 mhz and 54 mhz will be disrupted to the point that regional and global communications, including emergency communications, will be difficult, if not impossible. Since the ARS is a licensed service, it is difficult to fathom how the FCC would allow PLC disruption in our assigned spectrum. As I understand it, there is no present way to filter out the interference PLC would cause as the radiation would, as reported, cause very high signal levels in HF receiving equipment located within several hundred feet of a power line. This precludes most hf operations from cities or subdivisions.

PLC may not even the best way to deliver internet broadband service. WIFI, in the end, may be better technology without the disruptions in our HF spectrum.

George J. McCouch
K3UD
Hopkinsville KY