

As an amateur radio operator I have severe concerns over the implementation of Broadband Over Power Line Internet services.

Tests performed in the UK earlier showed that BOPL effectively eliminated the ability to communicate over the lower HF bands. Similar studies in Japan obtained the same results, and accordingly spectrum regulatory agencies in both the UK and Japan have prohibited further BOPL implementations. The ARRL has also tested the effects of BOPL with similar results.

This could be a problem as these bands are currently used widely both for normal ham traffic and especially during emergencies by ARES/RACES groups. In many instances (9/11 in NYC, the Nisqually earthquake here in Seattle, etc.), ham radio is the only means of communications at critical times, and BOPL would impinge greatly on this.

For these reasons, and because there are other solutions to the challenge of getting high speed broadband internet access to households, I urge that the FCC oppose BOPL unless and until its proponents can clearly demonstrate that BOPL does not affect the HF bands.

Sincerely,

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