

Attron Networks would like to see additional spectrum allocated for the use of digital communication devices similar to those currently used for Internet access services in the unlicensed bands. Given these devices, this spectrum would allow us and other companies like us to provide high speed data communications services at a very low cost to consumers.

The unused television spectrum would be an excellent candidate for this additional spectrum because it provides propagation characteristics which would facilitate low-power, terrain-independent networks that could provide high-speed data communications in a very cost effective fashion.

We encourage the commission to facilitate research to create transmitters which could be modulated to prevent visible and audible interference to nearby television receivers so that this spectrum can be re-allocated immediately instead of waiting until the digital television conversion has completed. Once the conversion is complete, the modulation limitations could be removed and devices could be allowed to use the most efficient modulation possible.

We strongly discourage an auction which will most likely create an artificial monopoly which will cost consumers considerably more than shared, open spectrum. Modern radio designs and FCC-assisted frequency coordination can mitigate or eliminate the traditional interference issues often associated with shared spectrum.