

Dear Commissioners,

We started a wireless ISP in the thumb area of Michigan almost two years ago with the mission of bringing broadband internet access to the area's businesses and residential residents. We provide this service using the current 2.4ghz and 5.8ghz unlicensed spectrum. This has been a great asset to the communities and surrounding rural areas we cover. Unfortunately, sixty-five to seventy-five percent of the requests for broadband service we get are unable to be filled due to trees and other foilage that 2.4ghz and 5.8ghz cannot penetrate. The Commission has already noted the tremendous success their rules for unlicensed transmitters have enjoyed. Extending the spectrum to include the tv broadcast bands would be a huge benefit to the effort to deploying the broadband initiative.

I would suggest that the commission allocate spectrum under 1ghz specifically for delivering broadband to homes and businesses.

Allowing higher power in the 3650-3700 mhz band would be of great benefit in point-to-point radio systems. This will allow distribution into rural communities separated by tens of miles that are currently unserved by any telco or cable solution. These areas are also unlikely to be served by either of the aforementioned technologies in the foreseeable future.

Respectfully,
Kerry Penland
BigTube Wireless, LLC