

Our company is a new Wireless ISP in Southern Indiana serving low density town and rural non-served and underserved areas. The need for high-speed broadband in rural areas is critical. Non-served areas will lose the younger population, because they cannot access the Internet and the services that are provided through high speed broadband.

We do a site survey for every contact to see if service can be provided. We average 30% installs and cannot serve the rest. This is using 900, 2.4 and 5.7 frequencies. None of these frequencies will work in trees around the house, light forest or in terrain of rolling hills of 100 to 300 feet. Population density are 3 to 12 persons per mile and is not cost effective for current wired solutions. NetsurfUSA does not have the capitol to build towers for every 20 customers, but this is what it would take to serve 85% of our customers and our payback would be 15-20 years.

All of our equipment is in the ISM bands and we have worked well with other users and providers to not have conflicts, but there is dramatic growth of more users coming to the current spectrum and are increasing noise floor for everyone. If WISP's had the TV channel spectrum then we would leave a lot of the current unlicensed spectrum to other users, both current and future. This would help us maintain more dense modulation schemes with lower signal to noise ratios.

We are a very small business, that is trying to serve our customers and friends who want to continue to live in a non urban lifestyle. Wireless is the only cost effective way to serve them with such low population densities, but the current frequencies will not provide service to most of them. It will take the unused TV channels to provide them high speed broadband. If you allocate the TV channels and just put them up for auction, you will have failed to give these people the relief that they want. Auction of the spectrum will go to large, well funded companies and groups of speculators looking to get the spectrum for resale and profit as the primary goal and not to provide service and innovation.

This spectrum would make it possible to serve the vast majority of rural customers. Large Telco's and Cable companies are serving high density areas with very high bandwidth pipes to provide voice, data and video at inexpensive rates and their rural customers are left with basic dialup. WISP's have a passion to

serve our customers and neighbors but we need you to help us get the spectrum to provide what the current spectrum cannot. Our country and economy needs to have rural high speed broadband that allows anyone to live anywhere in America and have access.