

Dear Sirs:

I wish to add my voice to the other WISP that have expressed a need for the use of spectrum in the 700 Mhz range.

I have all the usual problems deploying broadband service utilizing the available cluttered frequencies with all their challenges complicated by local zoning rules for antenna placement and everyday competition.

I am sure you are aware of these existing conditions in the WISP community so I will leave those points to others to elaborate on.

My personal concern here the great North-East is the relationship of the laws of RF propagation, physics and trees. They are the greatest barriers to signal penetration and quality service in my area. Often the amount of equipment needed to obtain even marginal results is just not financially feasible, either for the customer or the provider.

Often these are the little towns and villages that need our service the most.

To that point, I offer an example:

This past month I have been involved in quoting and engineering a broadband connection to a small village of 440 low cost apartments, controlled by a Village Housing Authority.

They have a program of "computers for kids" that goes out into the community and obtains computers for children in the complexes.

The next step in this program is to make low cost broadband available to every one of those computers.

All of the housing units are surrounded by trees and it is non line of sight between the groups of buildings.

The combination of limited power allowed, spectrum available and project funding will give marginal coverage at best.

There just isn't enough money for an access point on every building

If I had a 700 Mhz range frequency to use I could cover a whole block with just a few transceivers and insure in-building penetration to the end users all at the same service layer.

The broadband funds would go three times farther thus making services available to more people. It would just be "More bang for the buck" and that is what we all need right about now.

It would also eliminate the need for a intermediate linking layer to tie everything together that is also an additional waste of spectrum and funds..

I offer this opinion weighted with 45 years of radio communications and RF experience.

It amazes me to see the tenaciousness of this new breed of communications frontiersperson. They will "dumpster dive" for the tiniest bit of useable spectrum to serve their customers and do whatever

engineering it takes at all hours to build their networks.

These young Wireless Pioneers are "chaffing at the bit" to provide the services this country needs. Just give them the land (spectrum) they need and watch them innovate, build networks and build a stronger nation just as their forefathers did.

I am sure you will do your part by being fair with allocations and I trust you will provide the needed tools.

Respectfully,

David L. Vrablic

BlueBox Wireless

"A LogicalNet Connection"

Albany, NY, 12205