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Via ECFS
Marlene H. Dortch, Secretary
Federal Communications Commission
RE: GN Docket No. 17-258
445 12th Street, S.W.
Washington, D.C. 20554

December 27, 2017

Dear Ms. Dortch:

I own and operate a Fixed Wireless ISP in Ohio that services over 700 customers. My company is so small that I am the only employee. My small business relies exclusively on un-licensed 5ghz and lightly licensed 3.65ghz spectrum. The vast majority of my customers are very remote isolated areas that have no other viable option for a reliable quality internet connection. I made significant investments in Cambium Networks brand 3.65ghz infrastructure radio equipment that was supposed to be future compatible with the April 2015 CBRS rules that were adopted by the FCC. Today I can only use 50mhz of spectrum with that equipment and was anticipating an additional 100mhz to open up which would allow me to get faster speed connections to these customers in the future. These customers are constantly demanding more and more bandwidth and the additional 100mhz of spectrum, if I could use today, would make it extremely easier for me to get the faster speeds to these customers. Currently I am offering 25-50mbps packages to customers on some of this existing 3.65ghz infrastructure. A lot of these customers next alternative to my service can only get them 512kbps to 1mbps at best so for me to be able to deliver the 25+Mbps packages these customers are thrilled that this technology is available to them.

If the FCC changes the rules again with what is proposed in the latest NPRM this will significantly affect my current infrastructure to the point where many of these customers may no longer be serviceable with alternative frequency bands available. The proposed rules with having such large PEA boundaries do not line up with my current coverage footprint. I would be unable to compete against large cellular companies in an auction for the PEA areas as a lot of those areas overlap large metropolitan areas where they surely are likely to bid at that auction.

As you can see on the attached map of my existing coverage areas that the PEA map boundaries are significantly larger than my coverage map. Please do not adopt the proposed CBRS rules which you are taking into consideration as this will affect the people that need the bandwidth the most. Right now it is more important to get better fixed wireless connections into peoples homes than it is to get better mobile wireless connections for people outside of their homes.

Thank you,

Kurt Fankhauser,
Wavelinc Communications owner

