

We are a Wireless ISP (WISP) operating based in Birmingham, AL. While trying to spur technological growth in the city by engineering a city-wide wireless mesh, we discovered quite a bit of interference from 'junk' in the unlicensed frequencies. There are just so many existing devices operating at 900Mhz, 2.4Ghz, and 5.8Ghz that there is little we can do to salvage those frequencies for most of our coverage area. The cost of licensed spectrum also would prohibit us from taking the broadband speeds to new rural areas surrounding Birmingham, which are currently unable to get any high speed services from traditional carriers. The only way we can spread broadband economically is by utilizing open frequencies, and the large amount of interference is making that near impossible to offer a reliable service. Please consider our scenario when making your decisions on opening future spectrum for WISP use. In fact, it would be best if you would allocate said spectrum specifically for WISP use and prohibit other uses that would quickly fill yet another frequency range with junk interference. Thanks for your consideration.