

Dear Mr. Sangani,

Thank you for your thorough review of our application and for correcting the errors. Below are answers to your questions and we have resubmitted the application with the changes noted below. We do have a couple of clarifying questions as well.

**1) Will all of the experimental devices be retrieved by Ascent Broadband from the participants upon completion of this experiment?**

No. Since the equipment is production grade equipment our plan, if the tests go well, is to continue using the equipment after the experiment is complete and when FCC grants a permanent license.

**2) Are the equipment proposed on this application experimental? If yes, please explain why you selected "No" under equipment section of your application.**

No. The equipment as deemed by the manufacturer is production worthy.

**3) Are you requesting to perform a limited market study? If a limited market study is going to be performed, will any fees be charged or will there be any contractual arrangements between Ascent Broadband and the participants in this experiment?**

Yes. No contracts or fees.

**4) Provide a justification for 93 total number of equipment. Can this experiment be conducted with less number of equipment, say 50?**

No, a minimum number of clients per antenna is required to get an accurate estimation of the viability of the technology on different mounting locations. There are also various different obstructions and geographical challenges to test on each site. That being said, there are a few of the devices that we can test at a later date so we will remove those to reduce the total number of equipment to 85.

**In addition to the previous email, please address the following**

**1) You don't need to enter a separate physical location entry if the same three antenna sectors are located on the same geographical location. Please revise your filing and remove additional entries.**

We have removed the duplicate entries and changed the width of beam in degrees at the half-power point to 360 degrees even though multiple 90 degree directional antennas will be used to achieve the 360 degree coverage. If there is a different way to enter this information without creating multiple locations, please advise.

**2) In accordance with the 47 CFR Part 15, please correct the proposed band on your application to depict 5925-6425 MHz band (Unlicensed Use of the 6 GHz Band, U-NII-5).**

We reviewed a number of approved applications that all had the band we originally had in the application. The device manufacturer also advised to use this band. Can you please double check this information as our understanding is that the original band we had is allowed under U-NII-5 through U-NII-8?

**3) Your ERP request does not comply with Part 15 (U-NII5) rules. Please correct this.**

This has been corrected - thank you.

**4) You have entered 1152% for Frequency tolerance. This is incorrect. Please make necessary changes.**

This has been corrected - thank you for noting this.

We are in the process of procuring the equipment for this experiment and respectfully request this application to be approved so that we can proceed in a timely manner.

Regards,  
Ascent Broadband