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Dennis Ward
American TCB

RE: FCC ID: PPD-AR5BXB6-M_ATCB002583

1. Please note that the report states two antennas that were used for radiated testing. Please note that the spreadsheet listing antennas only states "omnidirectional". Please note that omnidirectional is not an antenna type but a description of the radiation pattern produced by many antenna types. Some omnidirectional antennae types are: collinear, Omnidirectional patch, and certain dipoles (i.e. vertically oriented ¼ wave and ½ wave dipoles emit and are considered a somewhat omnidirectional pattern antenna). Please provide clarification/verification on the types of antennae listed in the spread sheet (i.e. what type omnidirectional antenna are they). If there are multiple antenna types, please provide radiated emissions testing for the highest gain antenna of each type.

All of the antennas listed are inverted F antennas (aka PIFA and/or bent metal), designed for installation into laptop PCs. The antenna list has been updated to include a statement at the bottom of the list identifying all antennas as this type.

Test were performed using the antennas with the highest gains in each band.

2. Please note that the 731 for the 15.247 device lists NII as the equipment code and 15E as the rule part under which the device will be operated. Please note that this should be DTS and 15.247. Please correct the 731 to reflect the equipment code for the device seeking certification.

The form 731 has been updated to reflect DTS and 15.247..

3. FYI – page 29 of the manual states, "The antenna(s) used for this transmitter must not be collocated or operated in conjunction with any other antenna or transmitter." It appears from the application that a Bluetooth module FCC ID number MCLJ07H081 can be collocated. This should be addressed in the non-collocation statement.

The manual has been modified to cover this module and the AR5BXB6 module. Hopefully the wording clarifies the collocation and BIOS locking issues for each module.

Modified Manual, Form 731 (DTS) and Antenna List documents have been uploaded to the ATCB website.

Regards,


Mark Briggs