



American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

December 1, 2004

RE: Airespace, Inc.

FCC ID: QTZ1200D

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) The POA is not dated. Please revise.
- 2) Please provide information regarding the external antenna for use with this device. Additionally, please provide the Airespace Product Guide referenced in the users manual that discusses these antennas.
- 3) Please explain why external antennas do not appear to have been tested.
- 4) Page 11 of the test report discusses external antennas that may be used but only mentions gain. Note that not any antenna of lesser gain can be used. Only antenna of the same type (defined as antennas of similar in-band and out of band emissions patterns) can be used.
- 5) For conducted emissions, it appears that POE and AC adapter were used. However the block diagrams in the report does not appear to show this. Please review/correct as necessary.
- 6) How was the device powered in the first configuration shown in the block diagrams in the report.
- 7) If the device can TX simultaneously (previous version of this device did), then simultaneous EMC emissions must also be performed. Please provide this data.
- 8) Previous versions of this device required the output power on bandedge channels to be reduced compared to other channels in the band. Please confirm if this was necessary or not.
- 9) Please explain at what point the power was measured for the 5 GHz. Some previous versions measured the power behind the antenna switch. Because external antennas do not have a switch in place, and the internal antennas do this must be adequately known, otherwise the external antennas will exceed the allowable limits. Please clarify as necessary.
- 10) Radiated data for a center channel in the 5745 – 5825 MHz band does not appear to have been provided as required by FCC regulations.
- 11) The test procedure on page 101 does not appear to match the testing. Please explain the settings for both traces. Please correct.
- 12) MPE calculations must show a composite MPE value. Please update.

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Examining Engineer

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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.