



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

April 14, 2003

RE: Airespace

FCC ID: QTZWNP1200B

I have a few comments on the above referenced Application.

- 1) The internal photographs appear to show that 2 cards are internally installed, instead of just one as specified by this application. Please comment.
- 2) The external photographs appear to show standard screws for the access door which contradicts the information given for the upgrade manual stating special Torx screws are used. Please comment.
- 3) The FCC ID specified on the letter for labeling lists a different FCC ID. Please explain.
- 4) The conducted emissions state that they device was tested from 150 kHz to 30 MHz using the new EN55022 harmonized limits. However, the limits specified are for the old limits. Additionally, results shown are only around 25-30 MHz. Please confirm the frequency range tested and the limits applied. Please correct as necessary.
- 5) Given that the device may accept an AC adapter or POE power, the AC line conducted emissions should be checked to determine which method of supplying power is worse case. Only one set of data appears to be provided. Please provide further information regarding whether both modes of providing power were checked to ensure the worse case results are provided.
- 6) Based on how information was presented in the report, the RF exposure calculations incorrectly take into consideration the RF switch. Please correct the RF exposure calculations (i.e. internal antennas should be EIRP of 23.3 dBm, external antennas were calculated correctly).
- 7) Previous applications provided an attestation letter regarding the upgrade feature of this radio. Please provide a similar letter for this application.
- 8) Since this is a 802.11B version product only, please remove reference to the 802.11A given on page 24 of 28 for the internal antennas and page 16 of 20 for the external antennas.
- 9) The calculation given on page 25 of 28 is incorrect. Please correct.
- 10) Are plots available for the bandedge measurements with the internal antenna? If so, please provide.
- 11) Please provide a justification for the device as a Class A device.
- 12) The upgrade guide mentions that only approved installers may upgrade the radio, but the users manual on page 9 of 20 mentions upgraded by the customer. Please explain.
- 13) Please provide additional close up photographs of the external antennas.
- 14) The data sheets referenced in the test report for the external antennas do not appear to be provided. Please provide.
- 15) Please call to discuss the bandedge measurements.

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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.