



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

April 18, 2003

RE: Airespace

FCC ID: QTZWNAP1200A

I have a few comments on the above referenced Application.

- 1) Your response regarding 15.407(g) mentions that the transmit frequency fundamental did not drift out of band. Please confirm that this includes all of the occupied bandwidth within 26 dB of the fundamental, and not just the center frequency.
- 2) The FCC ID specified on the letter for labeling lists a different FCC ID. Please explain.
- 3) The users manual does not include the "indoor" operational statements specified in the exhibit "15_407_CDEG_a". Please provide an updated users manual.
- 4) The power output specified in the test report is identical for 2 frequencies in dBm, but the mW is different. Please check the power output results and make any corrections necessary.
- 5) Not all of the bandwidth results shown in the plots match the tabular data. Please explain.
- 6) On page 38 of 51, it appears that the limit may be miscalculated. Shouldn't the limit be -17 dBm - 5.9 dB?
- 7) The conducted emissions state that the device was tested from 150 kHz to 30 MHz using the new EN55022 harmonized limits. However, it is not certain what limits were applied. Additionally, results shown are only around 25-30 MHz. Please confirm the frequency range tested and the limits applied. Please correct as necessary.
- 8) 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.
- 9) Please provide a justification for the device as a Class A device.
- 10) Please call to discuss the bandedge measurements.

A handwritten signature in black ink, appearing to read "Timothy R. Johnson".

Timothy R. Johnson
Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@AmericanTCB.com)

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.