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To: Mr. Tim Johnson, American TCB
From: David Waitt, Airespace
Subject: Inquiries regarding Certification application for FCC ID **QTZAMAP1200AB**
Date: 30 October 2003

Tim,
Below are the replies to your inquiries regarding this application. If something is unclear, or if you have additional concerns, please contact me.

Best Regards,

A handwritten signature in dark ink, appearing to read "David Waitt".

David Waitt
Consultant representing Airespace

ATCB 1) Per our discussion please verify that the internal photographs are correct. If not, please provide updated photographs.

Airespace) Updated photographs have been provided

ATCB 2) The label appears to contain a "120C" vs. "1200" Please correct the labeling exhibit as we discussed.

Airespace) The label does say 1200, not 120C. The label exhibit shows an actual photo of the label. There was small mark on the label that made it appear to say 120C. The label exhibit has been corrected.

ATCB 3) 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.

Airespace) This has been confirmed with the test lab that no part of the spectra drifted out of band

ATCB 4) The Parts List appears to list an RF card for a different manufacturer (i.e., not Ambit). Please explain.

Airespace) An incorrect parts list was uploaded in error. A correct parts list has been uploaded.

ATCB 5) Please provide a separate exhibit for the test configuration photographs.

Airespace) A separate exhibit has been provided.

ATCB 6) The users manual appears to list a 802.11 B/G Radio (page 44, 45, etc.), while this device has only been tested as a B Radio. Please explain, provide additional test data as necessary, or correct the users manual.

Airespace) The mini PCI module used within the access point is capable of 802.11 A/B/G. However, the unit is not certified in the US for 802.11 G. Therefore units shipped for operation within the United States do not allow the use of 802.11 G. (See attestation letter.) IEEE 802.11 G is referred to in the user manual because the access point has been approved for 802.11 G use in several other countries.

ATCB 7) Please note that the FCC no longer desires that the safe distance for mobile devices be calculated in the RF exposure exhibit if the safe distance is < 20 cm, but instead prefers the power density results to be calculated and compared to the power density limit. Please correct the final calculation in the MPE statement.

Airespace) A revised calculation of the power density calculation at 20 cm has been provided.

ATCB 8) Page 16 of 52 in the UNII report is misleading. There is mention of the peak PSD not exceeding a value, but it appears from the description in the paragraph that they do. Please explain.

Airespace) The reference on page 16 was an error. It was referring to PSD requirement in the Industrie Canada standard RSS-210 (Specifically, RSS-210 6.2.2. (q1) (iv)) It was inadvertently left in the FCC report. It is not applicable to FCC specifications and has been removed. A revised UNII report has been uploaded.

ATCB 9) FYI. From discussions with Bill this week, the FCC is once again having concerns about methods used for measuring peak power, especially for UNII measurements. We will accept the current results based upon past acceptability, but please be aware that methods may be under more scrutiny in the future and should typically follow the published UNII guidelines.

Airespace) Understood.

ATCB 10) FYI. For future applications, please follow the procedures provided in the attached document. This may affect the results of power and 13 dB excursion measurements provided.

Airespace) Understood.