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To: Mr. Tim Johnson, American TCB
From: David Waitt
Subject: FCC ID: QTZ1300

Date: March 25, 2005

This letter addresses your compliance concerns regarding the IC application for the access point radio referenced above. If there are any questions or if additional information is required, please contact me at david@waitt.us

On behalf of Airespace,

David Waitt

ATCB 1) The new label provided appears to be identical to the original label. Additionally the statement of concern to add to the label is actually contained in 15.19(a)(3). The statement provided in the response does not appear correct. Airespace: The incorrect label was inadvertently uploaded. A correct drawing showing the label and the label location has been uploaded.

ATCB 2) Please explain compliance to 15.15 of the rules for this device regarding selection of TX frequencies. Airespace: The operational bands of the outdoor are not selectable in that both software and hardware (there is significant band-pass filtering around the 5.8 GHz ISM band), prevent operation of the radio on the lower UNII bands nor will the software allow the radio to be configured to transmit above channel 11 on the 2.4 GHz band.

ATCB 3) Users manual concerns:

It appears that the manual was taken from a previous device and has many errors. Please review and correct as necessary. For instance:

- a) The users manual mentions not to install > 140 feet apart for multiple installations. Given the power and antennas for this system, expected outdoor use, this appears to be unusual.
- b) The users manual mentions point to point, although this application does not support this. Please correct the users manual.
- c) The deployment statement mentions indoor use only which contradicts the expected use of this device.
- d) Page 10 appears to mention incorrect information regarding external antennas (types of connectors, etc.) Please review/correct.
- e) Page 1, 10, 11 mention internal antennas, which are not part of this device. Please correct.
- f) The antenna gain information on page 12 appears lower than expected. Airespace:

Airespace: It is correct that the manual for this product is being created by editing an existing manual for another product. Since the editing process is still underway, there were and possible still are some remaining errors in the preliminary manual. However the concerns raised have been addressed.

ATCB 4) Please update the data tables for the new spectral density results.

Airespace: The table in the report have been corrected.