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

Date: March 22, 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,

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

David Waitt

ATCB 1) Please provide a block diagram.

Airespace: The Block diagram was submitted as page 1 of the schematic. The Block diagram has been extracted from that document and resubmitted as a separate document.

ATCB 2) The label should include the 2 part FCC statement.

Airespace: The flowing Class A statement will be added to the label. A new label exhibit has been uploaded to the ATCB site.

RADIO AND TELEVISION INTERFERENCE

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

ATCB 3) Please provide an operational description exhibit.

Airespace: An operational description has been uploaded to the ATCB site

ATCB 4) Please provide a users manual. This should include all appropriate FCC statements and RF exposure statements.

Airespace: A Quick Installation Guide (Users Guide) has been uploaded to the ATCB site

ATCB 5) The schematics appear to be incomplete. It would be expected to see 2 complete RF radios, and 2 amplifier circuits. The FCC requires the complete RF path to be submitted.

Airespace: Inadvertently the entire schematic was not previously uploaded. The schematic consists of three parts. The main board that houses the two "radios" and the two Bi-directional amplifiers (2.4GHz and 5 GHz). All three of these schematics have been uploaded to the ATCB site

ATCB 6) The RF exposure information mentions 13 and 14 dBi antennas as well.

Airespace: The MPE document has been edited to remove these incorrect references.

ATCB 7) Spectral density tests should be performed with the VBW > RBW.

Airespace: The PSD plots have been redone with VBW> RBW

ATCB 8) Labels on pages 43 – 44 appears incorrect.

Airespace: The labels were incorrect and have been fixed and verified to be correct.

ATCB 9) Page 56 does not appear to match information on page 49.

Airespace: The error has been corrected. The correct data now appears in the table on page 49

ATCB 10) This device appears to incorporate a standard N antenna connection. To meet the requirements of 15.203 using a standard connector, this device must be limited to Professional Installation only.

Airespace: A letter outlining the requirements for professional installation has been prepared and uploaded to the ATCB site.