



To: Federal Communications Commission
From: Airespace
Subject: Configuration restrictions of FCC ID QTZVAP1200
Date: 17 Feb 2003

The Airespace VAP1200 radio hardware has been designed to ultimately allow configuration flexibility to the user with respect to transmit power, single/dual band and internal/external antennas.

However, currently, some of this flexibility is not incorporated into this initial grant. Specifically this grant does not allow:

- The current grant would not allow the user to set the transmit power to the maximum allowable power setting on every channel.
- A single band product to be shipped. The current grant is for an IEEE802.11 A & B radio product only.
- The current grant would not allow the use of external antennas though the capability is available in the hardware.

It is anticipated that each of these may be incorporated into the Airespace product line by either a permissive change or additional grants in the future. The hardware was designed to allow Airespace to configure and ship multiple products with minimal re-design to the hardware. Only an upgrade to the firmware will be required to allow this additional flexibility

The Airespace VAP1200 incorporates purchased "off-the-shelf" 802.11 modules. The control and configuration of these modules is performed by Airespace designed firmware within the VAP, thus, Airespace has the ability to limit the configuration of the VAP 1200 to only those configurations that are currently in compliance with the FCC regulations. This being the case, the current firmware within the VAP1200 limits the VAP configurations in the following manner:

- The firmware will not allow the user to set the transmit power for a particular channel above the setting that was used during the compliance testing and outlined in the test report.
- The firmware will not allow the VAP to operate as a single band radio. The user cannot remove an 802.11 module and have the VAP continue to function. Nor can the user replace an 802.11 module with a module from another vendor.
- The user cannot configure the VAP1200 for use with an external antenna.

If there are any questions or concerns, please contact me.

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3/11/2003