



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

April 28, 2004

RE: FCC ID: N13-AT53V216_ATCB001302

Attention: Ellis Wu

I have a few comments on this Application.

1. Please note that the manual states the device operates in the 5.45 to 5.725 GHz band. Please note that at this time as this requires DFS and TPC functionality only the FCC can certify a device in this band for the US. Please verify if this band is or is not operational in this device.
2. Please note that in line with item 1, testing of the frequency band 5.45 to 5.725GHz was not done. As such, please provide evidence that this band cannot be selected by the end user and please explain how this band is eliminated from selection by the OEM integrator for this device in the US.
3. Please note that the recommended end user rf exposure statement shown on the last page of the manual must also include notice of the required 20cm separation distance. Please re-phrase your recommended statement to include this separation distance statement as well as the no collocation warning statement.
4. Please note that the last statement in the manual can be considered confusing to the operator of the equipment. It appears to be saying that in the 5.15 to 5.25 GHz range that the device cannot be operated indoors. This is opposite of the requirements. The last part of the sentence appears to be a 'left over' from the non-modification statement ("could void the user's authority to operate the equipment"). This frequency range MUST be operated indoors. Please re-phrase your last statement to clearly define and state the requirement for indoor use in this range (i.e. remove the last part of the sentence as shown above).
5. Please note that the operational description states that the 15.247 and the 15.407 devices can transmit simultaneously. However, the schematics would indicate that either the 15.247 or the 15.407 frequency band is selected. Please explain and please provide an accurate operational description of how this device operates simultaneously or otherwise. If simultaneous operation is possible, please describe how this is done (i.e. is the second antenna used for the other band – and if the same antenna or a second antenna is used by the other band?)
6. Please note that if a second antenna is used, this makes the two antennae collocated. The MPE as well as the EMC report then need to address this configuration.) Please explain.
7. Please note that the device has two antenna connection points, yet the test setup photos only show one antenna connected to the EUT. Please explain why the other antenna was not connected.

Dennis Ward

<mailto:dward@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.