



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

April 14, 2005

RE: FCC ID: HP9RD11320_ATCB002303
Attention: Brian J. Dettling / Gregory M. Snyder

I have a few comments on this Application. Please note that further comments may arise in response to answers provided to the questions below.

1. Please note that 15.19(a)(3) clearly states that the 2-condition statement is to be placed on the device unless it meets the exceptions listed in 15.19(a)(5). Please note that this device is more than sufficiently large to contain the label and thus does not appear to meet the exception criterion listed in 15.19(a)(5). Please provide a label that clearly shows the 2-condition statement as required by 15.19(a)(3).
2. FYI – no action needed. The theory of operation would seem to indicate that the device can be selected to operate on non-US frequencies even though the operational description says “However, different Versions of modules with modified design, and/or component stuffing, may be required to address the various regulatory requirements.” Please note that the word ‘may’ does not mean ‘will’. Consequently the parts list, which is not normally required for part 15 devices, will be considered part of this application for upload to the FCC.
3. Please note that the manual “RD11320 User Manual - QRG.pdf” states a minimum separation distance of 20cm is to be maintained. However, the MPE report and the integrator manual states that a minimum distance of 22.5cm and 23cm respectively is needed. Please reconcile the User Manual –ORG to reflect the other documentation for rf exposure safe distance.
4. Please note that page 18 section 2.7.1.11 of the operational description states, “This is necessary for two reasons. First, to comply with FCC regulations when the RF connector is a “standard” connector.” The use of a standard connector for the antenna would mandate professional installation. Please note that pages 73 and 74 of the integrators guide says that the rf connectors are reverse TNC. However, page 24 of the integrators manual states that an “N-Male plug” is actually used to connect to the antenna itself. Please note that 15.203 intend that no connection or interconnection between the antenna terminals on the device to the final connection at the approved antenna can be a standard connection. If any connection between the antenna terminal of the device and the final antenna is a standard connection, then it must be professionally installed. Please clearly explain the system of cabling between the antenna terminal and the antenna itself. If any standard connection is made then please include the statement in the manuals that this device must be professionally installed.
5. Please provide a sample of the pseudo-random hopping table for this device.

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.