



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

December 18, 2006

RE: Nomadio, Inc.

FCC ID: TSDNMD-AM07

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) The block diagram should show the frequencies of all oscillators in the TX device (CFR 2.1033(a)(5)), unless this portion of the device is an OEM part from a different manufacturer. Please provide either the block diagram for the TX portion, or alternatively provide a parts list that shows that this part is provided by another manufacturer. Please update the list of confidential exhibits if necessary.
- 2) The TX appears to be a small mounted daughter board. The top and bottom of this board should be shown (likely will require to be provided from the manufacturer so the EUT isn't damaged). Additionally a view with the shield removed is also required.
- 3) A users manual (per our previous discussion) does not appear to be uploaded or received via email.
- 4) The users label is located inside the battery compartment. The FCC has recently (past 3 months) started requiring that all devices (other than cellphones or cordless phones) must be discussed with the FCC to obtain permission for this (See info released to TCB's below in November). Note this will take some time and the result is not always favorable. If the applicant wishes for us to pursue this, please provide information as asked below. Alternatively a new label placement and exhibit can be provided.

Labeling

Non-routine label proposals such as placing the label in the battery compartment must be approved on a case by case basis. For each proposal, provide justification such as limited space, how the FCC identifier or label will be viewable and how pertinent rule parts such as 2.925(d) (readily visible at the time of purchase) will be complied with.

Please use the "Permit but ask" procedure and submit proposals to the KDB.

Please provide photos and a grantee signed proposal.

- 5) This device appears to be capable of USB connection to a PC (see block diagram) and is therefore also considered a PC peripheral device (in addition to the TX requirements) and is subject to either a Certification or DoC as a PC peripheral. Therefore the application must clarify if you are asking for:
 - a) Certification of the device as a TX, and a DoC has been performed by an appropriately accredited test lab for a PC peripheral
 - b) Certification as a TX + PC peripheral.

Note 1: The option b) would be considered as a composite application and 2 certificates (one for the TX, one for the PC peripheral portion) would be issued. Note that there are additional review costs associated with this additional certification.

Note 2: To qualify to perform DoC applications, the test lab must be accredited (i.e. NVLAP or A2LA) to perform testing under the DoC procedure.

Note 3: Note that for DoC tests, the device is configured with a minimum test configuration as specified by ANSI C63.4 which includes complete computer + 2 I/O devices attached (one may be the EUT) during this particular test. Please note that the current test photographs do not support a minimum configuration of 2 I/O Devices.

Note 4: Each path (DoC or Certification) has particular labeling requirements that must be followed. For DoC authorizations, the label should also include specific DoC labeling information and also the users manual should include information regarding Part 2.1077. If the device is Certified, the FCC ID and current labeling requirements for the TX will cover the labeling requirements. However, additional grants are generated and review costs are higher. Please note that currently labeling and users manual do not support a DoC.

Note 5: The manufacturer does have a choice of DoC or Certification, however the device labeling and manual information must match the appropriate methods used.

- 6) This device shall use a pseudorandomly ordered list of hopping frequencies. Please provide a sample hopping table.
- 7) Please provide information showing compliance with 15.247(g)/(h).
- 8) Please provide an appropriate RF exposure exhibit as a separate exhibit.
- 9) It appears that average data may have been measured. This is allowed if the carrier is non-pulsing. If the carrier was pulsing, then average measurements are actually obtained correcting the peak by the appropriate worst case duty factor in any 100 msec of time. Please review.
- 10) FYI....Although the labeling provided is acceptable to the FCC, please inform the applicant the preferred format is "FCC ID:". They should consider use of this in the future.



Timothy R. Johnson
Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@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.