
18 July 2008

American TCB
6731 Whittier Avenue
McLean VA 22101

RE: Healthsense
 Response to 11 July 2008 Comments

FCC ID: VUR100030

In response to your comments on the above submittal from 11 July 2008.

1. ATCB Comments:

Test setup photos indicate that this module was tested while mounted/connected to another printed circuit board (PCB). (The user manual indicates that this module is one PCB only). For modular approval, you must test the module by itself/stand-alone, outside of any enclosure, separated from the other PBC by wires 10 cm long. (See the attached FCC Public Notice on modular approval.) Please address this matter.

RESPONSE: Uploaded revised Mod Approval Questionnaire and LMA letter.

2. ATCB Comments:

The user manual indicates that this module comes in two versions/sizes (large and small) with two different communications protocols (802.11 & 802.15). How will the other versions of this device be approved since they are not covered by this application?

RESPONSE: Yes there are two versions, the other version will be submitted soon and their manual covers both models.

3. ATCB Comments:

Please provide new external photos of the front and back of this modular transmitter. The ones provided are not very clear and do not show the back of the module.

RESPONSE: Uploaded.

4. ATCB Comments:

Please provide new internal photos of the modular transmitter. The internal photos provided are not clear and are pieced together from partial board photos. (The test setup photo was better than these for showing component location). Please make sure you provide photos of the top and bottom of the module PCB.

RESPONSE: Uploaded.

5. ATCB Comments:

The label exhibit states that the FCC ID label is etched onto the module shield but the modular approval request letter states in item 1 that this shield is optional. If the shield is optional, please locate the FCC Id label elsewhere or modify the statement that the shield is always provided (not optional).

RESPONSE: Healthsense is proposing to put the label on the back of the board then. This module is the size of a thumbnail and there is no place on the front that would be legible. Is that back an OK location?

6. ATCB Comments:

The test report has the following omissions which need to be corrected:

(a) The test report doesn't identify the FCC accepted test procedure used to measure emissions from this digital transmission system. See <http://www.fcc.gov/oet/ea/eameasurements.html>.

(b) The test report does not have test set up diagrams or descriptions of how all the different measurements were performed (e.g., output power, power spectral density, antenna conducted tests, radiated tests).

RESPONSE: Revised report uploaded.

. ATCB Comments:

Dan Vatland is listed as the contact person for Healthsense, Inc. on the FCC Grantee Code Database.

RESPONSE: Addressed and resolved.

Please let us know if anything further is required.

Susan L Rupp

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