

Chris Harvey

From: Claire Hoque [claire.hoque@ccsemc.com]
Sent: Friday, December 12, 2008 7:42 PM
To: Chris Harvey
Cc: Tina Chu
Subject: answer: Plantronics, Inc., FCC ID: AL8-WT1T, Assessment NO.: AN08T8675, IC No: 457A-WH1T, Assessment No: AN08I2712, Notice#1

Attachments: Request for Long Term Confidentiality_AL8-WT1T_Revised.pdf; 8ar2_base Internal Photos.pdf; 11_bluetooth declaration.pdf



Request for Long Term Confiden...
8ar2_base Internal Photos.pdf ...
11_bluetooth declaration.pdf (...)

Hi Chris,

Here are the answers.

1. The internal photos do not show the general construction (with the enclosure and wiring) of this device, nor do they show the cradle portion. Please provide complete internal photos of this device.

<answer>Please find revised exhibit "8ar2_base Internal Photos.pdf" attached.

2. Please confirm that it is acceptable to use version 3 of the Users manual submitted in the application for the headset to replace version 2 of the manual (missing FCC compliance information).

<answer>This is acceptable.

3. The block diagram shows a PA bypass function of this device but this function does not seem to be described in the remaining documentation. Please describe the PA bypass and indicate if its function was investigated during the testing of this device.

<answer>

"The PA bypass function works the same way in the Headset and Base. The PA is only active for TX power levels of +8dbm and +12dbm, for all the other output powers (see section 2.4.1.2 of the product specification), the PA is in bypass mode. Bypass mode is also enabled when the Headset/Base is in receiving mode. During normal operation, the bypass enable/disable function is fully automated under the control of the firmware."

The EUT was tested at +12dBm so the PA would not have been bypassed.

4. The Long Term Confidentiality request letter lists a Parts List exhibit which has not been submitted, but is not required to be submitted. In order to have a correct exhibit, please replace the letter to remove the Parts List from the Confidentiality request letter.

<answer>Long Term Confidentiality request letter is revised.

5. There are several FCC FHSS requirements that are not yet declared as being compliant in the application referenced above. These requirements are automatically deemed compliant if the device meets the Bluetooth Specification. The device is called a Bluetooth device; however there is no clear statement that the device complies with the Bluetooth CORE specification. Please either provide a declaration with the Bluetooth CORE Specification (please include version) or provide individual declarations of compliance with the following items needed for FCC 15.247 compliance:

Is the hopping sequence pseudorandom, based on the technical description?

Is each channel used equally on average, based on the technical description?

Does the associated system receiver have a compliant input bandwidth, based on the

measured 20 dB emission bandwidth?

Does the associated system receiver have the ability to hop in synchronization with the transmitter, based on the technical description?

Does the design of the frequency hopping system allow it to comply with all pertinent requirements when presented with a lengthy data stream?

Does the frequency hopping system comply with the non-coordination requirement?
<answer>BT statement is attached.

Please reference attached "11_bluetooth declaration.pdf."

Thanks,

Claire Hoque
Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538, USA
Tel: (510) 771-1123
Fax: (510) 661-0888

-----Original Message-----

From: Chris Harvey
Sent: Monday, December 08, 2008 9:38 AM
To: Thu Chan
Cc: Chris Harvey; Claire Hoque
Subject: Plantronics, Inc., FCC ID: AL8-WT1T, Assessment NO.: AN08T8675, IC No: 457A-WH1T, Assessment No: AN08I2712, Notice#1

Dear Thu Chan & Claire Hoque,

You are listed as the Technical Contact for the above referenced TCB application. The following items need to be resolved before the review can be continued:

1. The internal photos do not show the general construction (with the enclosure and wiring) of this device, nor do they show the cradle portion. Please provide complete internal photos of this device.
2. Please confirm that it is acceptable to use version 3 of the Users manual submitted in the application for the headset to replace version 2 of the manual (missing FCC compliance information).
3. The block diagram shows a PA bypass function of this device but this function does not seem to be described in the remaining documentation. Please describe the PA bypass and indicate if its function was investigated during the testing of this device.
4. The Long Term Confidentiality request letter lists a Parts List exhibit which has not been submitted, but is not required to be submitted. In order to have a correct exhibit, please replace the letter to remove the Parts List from the Confidentiality request letter.
5. There are several FCC FHSS requirements that are not yet declared as being compliant in the application referenced above. These requirements are automatically deemed compliant if the device meets the Bluetooth Specification. The device is called a Bluetooth device; however there is no clear statement that the device complies with the Bluetooth CORE specification. Please either provide a declaration with the Bluetooth CORE Specification (please include version) or provide individual declarations of compliance with the following items needed for FCC 15.247 compliance:

Is the hopping sequence pseudorandom, based on the technical description?

Is each channel used equally on average, based on the technical description?

Does the associated system receiver have a compliant input bandwidth, based on the measured 20 dB emission bandwidth?

Does the associated system receiver have the ability to hop in synchronization with the transmitter, based on the technical description?

Does the design of the frequency hopping system allow it to comply with all pertinent requirements when presented with a lengthy data stream?

Does the frequency hopping system comply with the non-coordination requirement?

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. 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 e-mail address listed below the name of the sender.

Best regards,

Chris Harvey
Charvey-tcb@ccsemc.com