

Chris Harvey

From: Claire Hoque [claire.hoque@ccsemc.com]
Sent: Wednesday, January 07, 2009 2:32 PM
To: Chris Harvey; Chris Harvey -TCB
Cc: Tina Chu
Subject: answer: Qualcomm Incorporated, FCC ID: J9CFENWAY-1, Assessment NO.: AN08T8718-8AN08T720, Notice#1
Attachments: Fenway Operation Description (revised).pdf; 80-JA863-1_A1.pdf; Bluetooth Statement of Compliance_signed.pdf

Hi Chris,

Pls see answer below in red. Pls kindly issue grant ASAP this week.

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: Friday, December 19, 2008 10:37 AM
To: Thu Chan
Cc: Chris Harvey
Subject: Qualcomm Incorporated, FCC ID: J9CFENWAY-1, Assessment NO.: AN08T8718-8AN08T720, Notice#1

Dear Thu Chan & Claire Hoque,

You are listed as the Technical Contact for the above referenced TCB applications. I have started the reviews and find that the following items need to be resolved before the review can be continued:

1. The Introduction and Technologies Supported sections of the Operational Description do not include the FCC Pt. 27 AWS band 1712.4 - 1754 MHz for WCDMA operations, but these are listed in Section 6.5 and have been included in the test reports. The CDMA-2000 operation is listed in Table 2.1 of the Operational Description and in the Users manual, but this is not included in the test reports. Please confirm the bands of operation for this device and update all exhibits that need to be corrected (including test reports and test data as necessary).

<answer> revised Operational Description and user manual attached. No CDME-2000 operation.

2. The Users Manual does not list FCC Part 27 compliance in section 1.2 reference documents, and does not provide antenna guidance for this same band.

RE: New user manual attached

3. The Antenna Specification for PROCOM MU 901/1801/UMTS-MMS indicates that the gain is 'approx. 2dB', but does not clearly indicate if this is the peak gain and if this is referenced to a dipole (dBd) or isotropic (dBi) reference antenna. Please clarify this so that the guidance to the Users can be clarified.

<answer> The gain for the PROCOM antenna is 0 dBi for the 4 bands of operation. This information has been added to the user's manual. The gain for the WLAN/BT antennas is 2.0 dBi and this is included in the user's manual.

4. 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:

<answer> declaration letter attached.

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