

## Chris Harvey

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**From:** Claire Hoque [claire.hoque@ccsemc.com]  
**Sent:** Thursday, June 04, 2009 8:16 PM  
**To:** Chris Harvey; Chris Harvey -TCB  
**Cc:** Chi Tsou  
**Subject:** answer: 09U12487 TCB questions: Intermec Technologies Corporation, FCC ID: EHA-01CN50, Assessment NO.: AN09T9233 & AN09T9234 & AN09T9235, Notice#1  
**Attachments:** Fenway\_Antenna\_Specs\_052209\_v2.xls; Letter of Confidentiality(revised).pdf; 09U12487-5A FCC IC SAR Report.pdf; 09U12487-5A SAR Photos.pdf; 09U12487-4B FCC22\_24\_27 & IC RSS-132\_133\_139 Report\_No photos.pdf; 09U12487-4B Setup Photos.pdf; 933-175-001\_Compliance Insert\_CN50.pdf

Hi Chris,

Here are the answers. Pls kindly issue grant by tomorrow.

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: Thursday, June 04, 2009 7:54 AM  
To: Thu Chan; Claire Hoque; Neena Jain  
Cc: Chris Harvey  
Subject: Intermec Technologies Corporation, FCC ID: EHA-01CN50, Assessment NO.: AN09T9233 & AN09T9234 & AN09T9235, Notice#1

Dear Claire Hoque,

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

1. The antenna spec does not have 1710-1755 MHz gain data. Please update this antenna exhibit.  
<answer>antennae spec is updated.
2. The conf letter requests the manual compliance information to be held permanent confidential, but this is not allowed. This can be changed to be included in the short-term conf section if desired, but would require an updated conf letter. Please also ensure that the replacement conf letter is signed by an authorized person (Claire Hoque, Dave Fry or Ron Pickard at this time).  
<answer>confi. letter is updated.
3. The operational description and manual indicate that the Fenway Module is capable of CDMA2000 in 850 and 1900 bands, but this device has not been tested for it.

Please explain.

<answer>No action. Neither the CN50 Operational Description nor the CN50 User Manual describe CDMA2000, however in preparation for the CDMA version of the CN50 and that Chi is preparing the quote for CDMA testing now and in the interest of not having to go through the expense of revision or providing separate user manuals, the user manual is intended to address both UMTS/GSM and CDMA operation. Please note that the CN50 will not be operated by the general public, but instead it will be marketed B2B with specific business applications.

4. The WLAN test report documents that this device uses a 4dBi stamped metallic loop antenna, but the antenna specification exhibit states a -2dBi helical antenna. Please correct this discrepancy.

<answer>antennae spec is revised.

5. The manual contains a location for SAR values, but the values have been left as x's. If the SAR values are to be included in the manual, it is required to be accurate. Please update the user's manual compliance exhibit.

<answer>The Compliance Insert, which will be included in every CN50 box, has been formalized and updated to include the final SAR results (see attached).

6. The manual specifies AB24 standard battery and AB25 extended battery. Were these tested for SAR? The test report does not document which battery was used. Please update.

<answer>SAR report is revised.

7. The RF Test report # 09U124877-4 does not explain that it is to document only the radiated tests and that test report #'s 08U12127-3 and 08U12127-4 for FCC ID: J9CFENWAY-1 applies for all remaining tests. Please update report 09U124877-4 accordingly

<answer>09U124877-4 report is updated

8. This device is a handset type device with integral antennas, and therefore the power listed on the Cell/PCS/AWS grant will be listed as the ERP/EIRP/EIRP respectively. Please confirm that it is acceptable for me to change the CCS online application form accordingly.

<answer>yes, confirmed, pls update power data.

9. The AWS SAR lower channel is listed as 1712.4 MHz but the RF testing was performed at 1711 MHz. Please explain.

<answer>SAR report is updated

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