

## Chris Harvey

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**From:** Sung-kyu Cho [skcho@ktl.re.kr]  
**Sent:** Friday, August 15, 2008 2:12 PM  
**To:** charvey-tcb@ccsemc.com  
**Cc:** lucy.tsai@ccsemc.com; banjg@ktl.re.kr  
**Subject:** RE: Uriver Inc., FCC ID: UDTUM100, Assessment NO.: AN08T8237, Notice#1

**Attachments:** UM100-3G Test report.pdf; UM100-2G Test report.pdf; User manual.pdf;  
2008-341-039-1UM100SARReport.pdf; CalibrationDataSheets#2.pdf; SETUPPHOTO.pdf;  
UM100-SARplots.pdf



UM100-3G Test  
report.pdf (801 ...



UM100-2G Test  
report.pdf (863 ...



User manual.pdf  
(722 KB)



2008-341-039-1UM  
100SARReport.p...



CalibrationDataShe  
ets#2.pdf (2...



SETUPPHOTO.pdf  
(511 KB)



UM100-SARplots.pd  
f (816 KB)

Dear

Chris,

My answers are embed below.  
Thankyou.

Best Regards,  
Sung-kyu Cho

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

From: charvey-tcb@ccsemc.com [mailto:charvey-tcb@ccsemc.com]  
Sent: Friday, August 15, 2008 12:02 AM  
To: skcho@ktl.re.kr  
Cc: charvey-tcb@ccsemc.com; lucy.tsai@ccsemc.com  
Subject: Uriver Inc., FCC ID: UDTUM100, Assessment NO.: AN08T8237, Notice#1

Dear SK Cho,

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. Page 5 of 41 of the 2G RF test report indicates that GPRS1900 Channel 810 is at 1910MHz, but should state 1909.8MHz to be in-band. Please update this table.

Ans) I attached revised test report.

2. The table of contents for the 3G RF report lists the testing of GPRS and GSM from the 2G RF report. Please update the table of contents to the correct test sections of the report.

Ans) I attached revised test report.

3. The EUT information in the 3G RF report indicates the Tx Frequencies for WCDMA and HSDPA is 1850.2 - 1909.8 MHz, but should state 1852.4 - 1907.6 MHz.

Ans) I attached revised test report.

4. The SAR report shows photos of the USB Dongle tested with 0.5cm spacing to the phantom in all orientations, all of which are performed using the USB cable to extend the Dongle away from the computer. There is no photograph or description of the USB cable used for the SAR testing. The FCC requires that the testing of USB Dongles be performed directly connected to the host computer with <= 0.5cm spacing USB port where possible, and to use a 'short'

USB cable to extend the dongle away from the host computer for the orientations that can not be tested directly connected to the host. The FCC is concerned that using a cable that is too long will reduce the RF power of the Dongle due to the voltage drop in longer cables. Please provide details about the cable used and power measurement comparisons with and without the cable connected.

Ans) I attached revised SAR test report, plot & setup photo. We used short USB cable and

there's no power reduction.

5. The Calibration #2 exhibit for SAR Dipole calibration information documents dipoles for 1900MHz and 2450MHz, but not 835MHz. Please supply the dipole calibration information for the 835MHz (s/n: 481) dipole used for the validation testing documented in the report.

Ans) I attached revised Calibration exhibit

6. The User's Manual has a section for "Body-worn" operation, but this USB Dongle should document near-body operation instead (since it is not worn on the body). Please update this section of the manual to document "near-body"

operation, calling this device a dongle (not a phone) and removing the statements about body-worn accessories since clips and holsters are not used with USB Dongles.

Ans) I attached revised User manual.

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