

Chris Harvey

From: Claire Hoque [claire.hoque@ccsemc.com]
Sent: Tuesday, August 26, 2008 1:08 PM
To: Chris Harvey
Cc: Thu Chan; Chi Tsou
Subject: answer: Broadcom Corporation, FCC ID: QDS-BRCM1031, Assessment NO.: AN08T8296 & AN08T8297, Notice#1

Attachments: BT antenna placement.pdf



BT antenna
placement.pdf (116 .

Hi Chris,

Here are the answers.

1. Yes, confirmed;
2. WWAN colocation will be address in WWAN filing;
3. BT antenna placement: please see attached. WLAN antenna to BT distance is 338mm;
4. There are 2 SKUs for Mini Cooper, WLAN SKU and and WWAN SKUs. WLAN main/aux antenna placement are the same for both SKUs.

Thanks,

Claire Hoque
Compliance Certification Services
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-----Original Message-----

From: Chris Harvey
Sent: Monday, August 25, 2008 7:22 AM
To: Thu Chan
Cc: Chris Harvey; Claire Hoque
Subject: Broadcom Corporation, FCC ID: QDS-BRCM1031, Assessment NO.: AN08T8296 & AN08T8297, Notice#1

Dear Thu Chan & 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. Please confirm that the Bios-Lock feature from previous approvals of this device still applies to this Class II Permissive Change filing.
2. The exhibit for 12 MiniCooper_Galtronics_RSB_WWAN_SKU... and 15 MiniCooper_Tycp_RSB_WWAN_SKU. show a co-located WWAN antenna which is not otherwise addressed in this application.
3. This application is being filed in order to allow co-location with a Bluetooth Transmitter in a Portable host. There is no indication of where the BT antenna is located. The RF test report calculated co-located MPE @ 20cm, but the other exhibits in this application indicate that the WLAN antennas are closer than 20cm to the body in lap position, including the SAR compliance report. Please provide an indication of the location of the BT antenna and provide RF Exposure compliance information in accordance

with the FCC Mobile and Portable Guidance of FCC KDB #447498.

4. The 6 different antenna specification files submitted seem to show configurations with various antenna to body separation distances depending on whether the WWAN antennas are also included in the host. Please explain how these different separation distances are addressed in this application.

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