

## Chris Harvey

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**From:** September Radecki [september.radecki@ccsemc.com]  
**Sent:** Tuesday, July 17, 2007 6:43 PM  
**To:** Chris Harvey  
**Cc:** Thu Chan  
**Subject:** RE: ATHEROS COMMUNICATIONS, INC., FCC ID: PPD-AR5BXB63, Assessment NO.: AN07T7011, Notice#1

**Attachments:** AR5BXB63 FCC Confidentiality Letter.pdf; AR5BXB63 FCC C2PC Request Letter.pdf; 07U11119-1B C2PC FCC DTS Report.pdf



AR5BXB63 FCC  
Confidentiality ...



AR5BXB63 FCC  
C2PC Request Lett..



07U11119-1B C2PC  
FCC DTS Repor...

hi Chris,

Below are the answers to your questions on the above application.

1. The photos of the antenna in the test setup exhibit and the antenna specification exhibit seem to show an antenna that is a cabled, free-standing antenna. The Antenna Co-Location exhibit seems to imply that the antenna will be permanently mounted inside a Notebook display. If these antennas are cables and free-standing, it is unclear how the minimum 20cm separation required for RF exposure compliance will be ensured. Please clarify this and ensure that the exhibits are consistent.

<CCS ANSWER:> The Antenna colocation exhibit should be removed from the submission. Only the dipole antenna is added to the certification and it will not be used inside notebook displays.

2. Although the Class II Permissive Change request cover letter indicates that this device will be co-located with a Bluetooth transmitter, the Bluetooth Col-location exhibit seems to show that the EUT antenna and the Bluetooth antennas are >20cm separated from each other. If this is the correct description, then the 2 devices are not considered co-located according to the FCC's RF Exposure definitions and the application needs to be amended to remove the co-location request.

<CCS ANSWER:> Bluetooth Colocation should be removed from the application. The revised reports are attached as well as the revised C2PC letter. The Antenna colocation exhibit should be removed from the submission.

Thank you.

Best regards,  
September

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

From: Chris Harvey  
Sent: Monday, July 16, 2007 12:51 PM  
To: Thu Chan  
Cc: Chris Harvey; September Radecki  
Subject: ATHEROS COMMUNICATIONS, INC., FCC ID: PPD-AR5BXB63, Assessment NO.: AN07T7011, Notice#1

Dear Thu Chan,

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:

The photos of the antenna in the test setup exhibit and the antenna specification exhibit seem to show an antenna that is a cabled, free-standing antenna. The Antenna Co-Location exhibit seems to imply that the antenna will be permanently mounted inside a Notebook display. If these antennas are cables and free-standing, it is unclear how the minimum 20cm separation required for RF exposure compliance will be ensured. Please clarify this and ensure that the exhibits are consistent.

Although the Class II Permissive Change request cover letter indicates that this device will be co-located with a Bluetooth transmitter, the Bluetooth Co-location exhibit seems to show that the EUT antenna and the Bluetooth antennas are >20cm separated from each other. If this is the correct description, then the 2 devices are not considered co-located according to the FCC's RF Exposure definitions and the application needs to be amended to remove the co-location request.

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