

From: Mike Kuo
Sent: Tuesday, March 05, 2002 11:46 AM
To: Michael Heckrotte; Chuck Cowden
Cc: Steve Cheng; Denise Teng
Subject: FW: ADVANCED RADIO CELLS, INC, FCC ID:PLRAR315500, AN02T1842

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

From: CERTADM
Sent: Tuesday, March 05, 2002 11:44 AM
To: 'mkuo@ccsemc.com'
Subject: ADVANCED RADIO CELLS, INC, FCC ID:PLRAR315500, AN02T1842

Notice_content

Question #1: Please provide additional internal photos by removing the metal shield on the transmitter .

Question #2: Page 5 of internal photos shown the plastic bag to cover the transceiver card. Please explain the purpose of this plastic bag.

Question #3: Page 16 of test report. Occupied Bandwidth. There are three spectrum plots are provided to support the test result. There is no indication which plots are for which Modem transmitter sideband. Please indicate which spectrum plots are for which occupied bandwidth. In addition, please explain the emission peak between two occupied bandwidth and provide technical explain why the emission peak between two occupied bandwidth shall not be considered as part of 26dB bandwidth. There is no spectrum plot to support 3.26MHz sideband BW, please provide it.

Question #4: User Manual does not contain RF exposure information. Suggest wordings can be " IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements, antenna installation and device operating configuration described in this user manual must be satisfied. The antenna(s) used for this device must be fixed-mounted on outdoor permanent structures with a separation of at least 1.5 meters from all persons during normal operation.". Please provide revised user manual.

Question #5: In the last sentence of theory of operation addressed the requirement of 15.407(c). Please provide more technical information to describe how this requirement is met.

Best Regards

Mike Kuo / TCB Certifier

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 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.