



American Telecommunications Certification Body Inc.  
6731 Whittier Ave, McLean, VA 22101

April 27, 2002

RE: Ambit Microsystems Corp.

FCC ID: MCLT60H424

I have a few comments on this Application.

- 1.) Please provide FRN number on this Application. It appears that you may be using an obsolete form. If you recently obtained it from our website – our apologies. Always provide FRN for any Application on the 731 form.
- 2.) Your Confidentiality Request letter lists only the Schematics and not Block Diagram. If this is satisfactory, no further action on your part is necessary. If this is an oversight, please upload revised Confidentiality Request letter.
- 3.) Please provide an Agent Authorization letter between Quietek and Ambit Microsystems.
- 4.) Please provide a DTS request letter. This is needed because the final rulemaking for Digital Transmission Systems is still pending.
- 5.) The RF Exposure Evaluation is included in the body of the Test Report, and not broken out to a separate exhibit as required by FCC. Please provide RF Exposure evaluation as a separate document and upload this revised Exhibit to the RF Exposure Information section of the Application.
- 6.) Please provide letter explaining how this device complies with the Modular Approval requirements of Public Notice DA 00-1407. A copy of this document from the Commission is attached.
- 7.) The warning statement in the Manual does not include a prohibition for co-location. Please revise.
- 8.) FYI: Section 3.4 of the Test Report. Please note the maximum power for DTS systems is 100mW and not 1Watt.
- 9.) Manual warning statement talks about two antenna configurations: standard and "professionally installed" using a 5.11dBi gain antenna. Please explain how professional installation will be assured for this module by final product integrators.
- 10.) The Manual contains two sets of warning statements, one on pp. 36 and the other on pp. 37. Please remove this duplication. However, no matter which one is kept, the prohibition for co-location must be maintained.
- 11.) The Band Edge test is very close to the limits at 2487.4MHz. Could you please expand on the test methodology used for assuring compliance? Was the equipment tested in three orthogonal planes? Were both antennas tested?
- 12.) Section 8 of Test Report addresses Processing Gain. Do you wish to approve this as a DTS as stated on Form 731, or as a DSS?

William H. Graff  
President and Examining Engineer

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

termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. 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 sender.