



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

September 20, 2007

RE: FCC ID: AB6NT2100MFRM3\_ATCB005445  
Attention: Marin Sampaleanu

I have a few comments on this Application. Please note that further comments may arise in response to answers provided to the questions below.

1. Please provide the completed 731 form for this application. Please make sure to list the correct power, frequency range of operation and other pertinent data on the form.
2. Please provide the completed IC application form for this application. Please justify how this device and frequency are certifiable for Canada.
3. Please provide the appropriate Canadian test report to the appropriate RSS for this application. Please note that the 2100MHz band may not be available at this time in Canada.
4. Please note that a number of references in your reports refer to part 27 subpart H. Please note that part H of Part 27 is "Subpart H—Competitive Bidding Procedures for the 698–746 MHz Band". Please explain how this is pertinent to the application. Please correct the documentation and provide reference to the proper rule part for which certification is being sought.
5. Please note that table 14 of the test report (page 23) refers to RF Output Power of 1900 MHz. Please explain and please correct as necessary.
6. Please note that when measuring Occupied Bandwidth the FCC requires that the resolution bandwidth of the analyzer be set to no less than 1% of the OBW. Please note that for the listed approximate BWs of the device (3.5MHz) this would be a resolution bandwidth of no less than 35kHz. Please note that the resolution bandwidth setting used to measure OBW in the report are only 5kHz. Please note that this is not correct. Please explain, and please retest as necessary using the acceptable bandwidths allowed in the FCC rules.
7. Please note that tests on page 33-35 of the test report for antenna terminal measurements are to be taken using a resolution band width NO LESS than the 1% BW. Please note that on several you state the res BW settings were 30kHz. Please note that as the OBW of the signals are 3.5MHz and greater, the 1% allowed would be 35kHz not 30kHz. Please explain and please properly test the device using the required settings given in the rule part used.
8. Please note that IS95 is not the test standard for compliance testing of part 27 devices. Please provide data showing compliance to the rules using the FCC rule part and TIA603.
9. Please note that it is not clear from the report if the output power is composite or per channel power. Please explain.
10. Please note that based on response to the above more questions may arise.

Dennis Ward  
<mailto:dward@AmericanTCB.com>

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.