



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

May 16, 2007

RE: FCC ID: BCR-TFAM1719\_ATCB004892

Attention: Tom Tidwell

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 note that the internal photos appear to have shielding still on the board. Please remove any shielding and provide photos of the circuitry underneath. Alternately, please explain why the metal shown on the board is not shielding and why it should not be removed to show the circuitry underlying.
2. Please provide the MPE calculation results for the 2100MHz part 27 band.
3. Please note that the manual states that 802.11 transmissions can also be amplified. Please note that if this is referring to part 15 802.11, no such testing for these signals has been provided. Please also note that such transmissions of this type via an amplifier of this nature may not be allowed under part 15.247. If this is referring to part 27 frequencies, please explain the context and statement concerning 802.11 signals in the manual.
4. Please note that the manual mentions narrowband PCS use however, there does not appear to be testing to that rule section. Please explain and please provide all necessary testing for all modulation types and rule parts.
5. Please note that the manual mentions use of the device in the part 90 rule sections. If this device is intended to be used in this band please provide the necessary testing. If this device is not intended for use in the part 90 rule sections, please explain the reference in the manual.
6. Please note that the manual indicates use in the 850MHz cell bands but no test data has been provided to support this band. Please explain and please provide test data for all rule parts used by the device.
7. Please note that the report states Edge technology emissions designator as GXW. Please note that the typical emissions designator used for EDGE technology is G7W. Please explain the use of GXW for EDGE in the report.
8. Please note that the test data table on page 12 of the report shows the first column as "Channel", however, the listings appear to be the frequency. Please clarify.
9. Please note that as this is a part 27 AWS system also, it will have to go through the permit but ask route. This also means that the part 24 section will not be able to be granted until the part 27 has been approved for grant by the FCC.
10. Please note that the upper signal on the graph on page 74 of the report appears to be over the red mask line. It is not possible to determine if this is an error in the line or if the device is actually failing the band edge. Please clearly identify the upper band limit so compliance can be easily be determined.
11. Please note that in regards to item 10 there are a number of plots where the signal exceeds the red limit line. Some of these plots may be showing an improper limit line. Please consider remarking the limit lines (red lines) to show actual limit frequencies etc.

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](http://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.