

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

February 7, 2001

Glen,

There are a number of issues on this application which will have to be addressed.:

- 1.) The label for this product is wrong. It indicates an AB6NT1900MFRM. Please correct
- 2.) The exterior photographs are not very helpful. Please provide additional detailed views showing all surfaces, and all exterior controls and ports.
- 3.) A line drawing or photo showing placement of label is required. The existing drawing does not clearly identify where the label will be placed. Perhaps a photograph using a "dummy" label would be appropriate.
- 4.) Interior views must be at minimum top and bottom of all circuit boards, plus overall "case open" views showing general construction features.
- 5.) The 731 form indicates three emission modes are available, however the Test Report only identifies two. Please address.
- 6.) The frequency table in Section 3.6 only identifies the IS-95 valid channels. Is this table of any use in a three channel implementation?
- 7.) FYI: Section 3.15 quotes ANSI J-STD-008. This is a PCS band specification, and not necessarily appropriate to 800MHz Cellular systems.
- 8.) FYI: In the past for occupied bandwidth, I have found 1M25 IS95 emissions best measured with a span of 7.2MHz, or 5 times the chip rate (1.228MHz) plus a fudge factor of 30KHz for RBW. I am certain these settings would work on wider emissions as well.
- 9.) Using the FCC 1% of 99% bandwidth rule of thumb, three carrier Occupied BW plots should use an RBW not less than ~37.5KHz. Please correct.
- 10.) Why was a VBW less than RBW used for Section 4.3.2? In general VBW must be equal or greater than RBW. Data should also be presented for one and three channel systems
- 11.) Recent interpretations by the Commission require the use of substitution method for TX radiated spurs. Methods which quote ANSI C63.4 for any work other than Part 15 are considered unacceptable. Values should be presented in dBc relative to full power, or dipole equivalent ERP. For this broadband emission, please include RBW and VBW settings with the data. Please provide information on both one and three channel setup
- 12.) Operational description should at least include an explanatory letter about the title page and addressing the AB6NT1900MFRM issue.
- 13.) FYI: Radio Test Setup photos are not required for licensed radios.
- 14.) Please provide justification for emission designators.
- 15.) Please provide band edge data per 22.901(d)(2).



William H. Graff  
Examining Engineer  
Vice President of Engineering

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 pursuant to Section 2.917(c). 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 reply to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must attach your answers to email correspondence. Reply to the examiner at the email address shown. 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.