



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

June 30, 2006

RE: Mobile Access Networks

FCC ID: OJFMA2K-CELL-PCSE

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) The data sheet provided appears to list iDEN 800, SMR 900, paging 900, and WCDMA. These do not appear to be covered by this application. Please confirm/explain the references in the data sheet if not covered by the application.
- 2) Labeling appears on the MA2000 cabinet, yet the cabinet appears capable of various number and types of RHU units, including different services. It appears that the labeling of the individual RHU's may be more appropriate. If not, then different FCC ID's may be necessary for each configuration on the MA2000 cabinet depending on the number and type of RHU's present. However the labeling of the cabinet will only be valid for the particular loaded system (i.e. 4 RHU's) as defined in this application. Does the applicant understand this? Please justify labeling of the cabinet vs. labeling of the individual RHU units.
- 3) Per FCC guidelines, please justify the input drive level used (why was the level selected, was it the maximum input rating and maximum gain set and then used for all tests).
- 4) The maximum input on page 9 of the test report appears to cite an maximum input of -20 dBm. Is this the maximum level (see 3 above)?
- 5) The operational description is shown for the 1000 unit. Please either updated to include the 2000 unit, or explain relevance in relation to the 2000 given in this application.
- 6) Page 6 of the operational description appears to mention SMR and iDEN. Please explain.
- 7) It is uncertain if a description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power been provided per 2.1033(c)(10).
- 8) Please update table 7.1.2 and 8.1.2 to shown compliance with ERP/EIRP using maximum antenna gain allowed.
- 9) Users manual should clearly identify antennas are installed a large distance (i.e. 100 feet) between each other. Please show in the manual where information regarding this can be found.
- 10) FCC requires applicant to understand their responsibilities under Sections 22.383 for related booster/inbuilding operations. Please confirm applicant understands their responsibilities.
- 11) Users manual should inform user for proper RF exposure separation distances and against co-location with other antennas. Note that co-location is generally defined as TX antennas that are installed < 20 cm apart from each other.
- 12) Previous certifications appears to include the following: "Part of RF Distribution System may include FCC ID: OJFMA1000, FCC ID: OJFMA1200 and/or FCC ID: OJFMA850". Please comment on all applicable FCC ID's so the grant note will be correct.

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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.