



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

November 14, 2006

RE: Mobile Access Networks

FCC ID: OJFMA850C

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

- 1) The confidentiality letter requests confidentiality on the internal photographs. Please note that the FCC normally does not allow this without strong justification. For instance, the device is potted so that the components can not be seen, or that the device is installed in a cell site that is accessible only to the Cellular provider and their technicians.
- 2) Photographs of the TX board with the shield removed must be provided.
- 3) This particular configuration does not include 802.11a. According to original information from the FCC, the 802.11a ports should include factory covered 802.11a ports. This does not appear to have been done. External photos and test report block diagram show 802.11a ports, but manual shows them covered. This is not consistent.
- 4) Section 2.5 appears to suggest all access points can be used under this FCC ID. It is suggested to update 2.5 to clearly identify what Model 850 (which specific FCC ID) is for use with what access point(s).
- 5) The gain of the 850 can be set. Please ensure the maximum gain was used in all tests.
- 6) Power spectral density tests do not appear to have proper sweep times (sweep time > span / 3kHz) Please explain/correct/review.
- 7) While the device may not stay connected via RS-232 (from previous responses), it does appear the device may stay attached via Ethernet (implied from the manual). If this port is intended to only be connected to an access point, then it would not qualify as a PC peripheral. However if this port is intended to connect directly to a computer, it would be considered a PC peripheral under 15.3. Please review/comment as necessary on if this connection is expected to remain after configuration.
- 8) Please note that labels must be placed on the access points themselves and the previous FCC ID's on them should be covered or removed. Please update the labeling exhibit.
- 9) FYI: Proposed Grant Notes:

Output power listed is conducted. Professional installation is required - user installation is prohibited. This device has been investigated with typical Cellular 800 and PCS 1900 frequency simultaneously with 802.11 b/g transmission. This device must be marketed in compliance per section 15.204(b) of FCC rules. Only the 4 access points as documented in this filing can be sold with this device. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation and transmitter operating conditions for satisfying RF exposure compliance.

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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.