



September 22, 2005

RE: FCC ID: NP4-2422110610_ATCB002774

Attention: Mark A. Christensen

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 MPE report states that the device will be installed more than 20cm from any person and that it is a professionally installed device. Please note however, that the minimum separation distance shown in the same MPE report states a minimum separation of 83cm is required for the 130MHz range and 89cm in the 174MHz range. Please correct the MPE to give the greatest separation distance of 89cm and please correct the documentation to be consistent.
2. Please note that rf exposure for licensed devices can be addressed at the time of licensing or at the time of grant. Because of the nature of this device it appears that the MPE must be addressed at the time of grant. This means that a maximum antenna value needs to be established and listed in the manual. The MPE report states the maximum antenna used with this device is 6dBi. This information needs to be in the manual. Please include the greatest MPE separation distance and maximum antenna gain in the user manual.
3. Please note that CFR 47 licensed device testing does not allow the use of circular polarized antennae. While the device appears compliant, please provide data using acceptable antenna(s) (i.e. properly polarized vertical and horizontal antennae).
4. please note that based on the response to the above, additional comments may be necessary.

Dennis Ward

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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.