



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

July 26, 2004

RE: FCC ID: E5MDS-9810\_ATCB001525

Attention: Juan Martinez

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. FYI - Please note that the MPE report states 0.020cm for d. This should be 0.020 m or 20cm. Please also note that the MPE report shows that antenna with greater gain than 10dBi require more than 20cm separation. Please address this issue.
2. Please note that the first table in the MPE report uses a frequency of 1500MHz. Please note that this device operates in the 902 to 928 MHz range – thus giving an r of 10cm.. Please provide an MPE report which addresses the frequency range of the device.
3. Please note that it does not appear that the manual addresses the minimum separation distance between the antenna and the user. Please address this issue in the manual and please be consistent with other documentation.
4. Please note that at the frequencies of concern, cardboard may not be the best or idea material for support of the antenna. Please justify and/or explain what measures were taken to verify that the cardboard box had no adverse affects on the readings for spurious emissions. Please note that a more appropriate material may be Styrofoam supports.
5. Please provide a hop table showing the pseudo random nature of the hop sequence.

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6. Please note that the RSP100 form indicates that the power is a step function. This would also indicate that minimum and maximum power level existed. Please note that you have not provided a minimum power level for this device. Please explain, or alternately please provide the measured minimum power level for the device.

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.