

September 23, 2005

RE: FCC ID: QMNRM-96_ATCB002551 Attention: Louis Le/Andreas Gillmeier

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 731 form does not contain any of the required power information. Please provide a 731 form that has the power levels listed.
- Please note that the SAR report lists power as conducted power while the EMC report only shows ERP values. Please note that there is no way to correlate the power levels between the SAR and EMC reports. Please either provide ERP data for the SAR report or conducted data for the EMC report so a comparison can be made.
- 3. Please note that the ERP of the device in CDMA mode appears to be only 17mW while the AMPs ERP is 159mW. The operational description states that both the CDMA and AMPS power is about 25dBm at the antenna terminal. While I can see some differences between the power that might be measured using the same antenna and conducted power for AMPS and CDMA, it does not seem that a difference of almost 10 times should occur. Please explain and please confirm if the CDMA mode 17mw ERP is accurate. If the ERP for CDMA is greater, please revise the report.
- 4. Please note that since ERP measurements directly measure the output of a signal generator, please explain why an pre-amp was used in the antenna substitution measurements listed on pages 17 and 18. Please provide a sample of the formula used in the ERP table on these pages using the headings shown. Please explain how the "Correction factor" is derived.
- 5. Please note that based on the responses to the above, additional comments may arise.

Dennis Ward

mailto:dward@AmericanTCB.com

Dennis Ward

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.