



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

August 14, 2007

RE: FCC ID: QMNRH-108_ATCB005283

Attention: 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. FYI – Please note that as there is no part 15 application with this device there is no need for requesting confidentiality for part 15 as a part 15 report is not needed to be uploaded. I do not know how the FCC will view this request.
2. Perhaps I missed it, but I cannot find a comparison between the output power of the device during EMC/SAR and HAC testing. Please either show where this data is located or please provide that data. Please note that device power measured during these three tests should be the same (i.e. eirp, conducted etc). Please correlate the output power of the device for each of the tests.
3. Please note that occupied bandwidth measurements are to be made in peak detector mode. Please note that the analyzer data shown on pages 18-23 (pdf pages 21-26) indicates data was taken with the analyzer detector set to average. Please note that the same problem appears to exist in the 1900MHz OBW data as well. Please explain and/or retest using peak detector mode.
4. Please note that the conducted power values given in the report state that a power meter was used. While it is assumed that a peak power meter was used, there is no power meter listed in the EMC report equipment list. As such, it is not known what type power is being used to record conducted power levels of the device. Please explain and please provide the calibration dates and type power meter used.
5. Please note that when measuring the $43+10\log P$ for out of band spurious emissions the same power is to be used. If the above item 4 was a peak power meter, then the band edges cannot be done using an average detector as indicated. Please explain and please correct as necessary.
6. Please note that the radiated spurious data only gives the final data and does not show the correction factors involved (i.e. signal generator level, substitution gain, etc). Please also note that the data I checked in the tables do not match the data in the plots (see 1694MHz, 1670MHz and 1646MHz data for example). Please review your data and insure that the data in the tables and the data in the plots agree. Please explain and please provide this missing data as required by the FCC or show how the two data sources coincide.
7. please provide the RSS102 attestation annexes A and B for the device.

Dennis Ward

<mailto:dward@AmericanTCB.com>

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.