



# American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

June 7, 2004

RE: FCC ID: LJPR1\_ATCB001403

Attention: Kare Oksanen

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 provide the users manual for this device. Please make sure that all of the pertinent part 15 and Industry Canada statements are located in the manual.
2. Please provide a block diagram for the intentional radiator as required by 2.1033.
3. Please note that you have not provided a confidentiality request letter. If the block diagram, schematics or technical description are to be held confidential, please provide a letter requesting confidentiality.
4. Please provide the ID label sample and location drawings.
5. As this is a part 15 device, please open the device and provide internal photos of all boards and internal controls located in the device. For example, how does the ribbon cable shown going to the rf board connect to the rest of the unit, etc. If there are no other boards in the unopened portion shown in the photos, please show how the ribbon cable connects to the phone portion via the functional cover interface connector.
6. Please note that the plot on page 10 of the report states it is for 15.109. Please note that 15.109 does not have limits below 30MHz and is not for intentional radiators. Please verify if this is a typographical error or not. Please refer to the correct limits of 15.209 for intentional radiators on the plot.
7. Please note that while the plot on page 10 states that measurements were made at 3 meters, the data table on page 9 appear to compare a converted measurement to the actual limit at the specified distance. For example the reading at 78kHz in the plot and the reading listed in the table can only coincide using an 80dB correction factor from 300meters to 3 meters. However, it is not apparent in the report that you have done this. Please note that, even though the device is compliant, 2.1033 states that for part 15 devices all calculations are to be clearly identified and a sample provided. Please clearly specify to manner in which you related the measured value (39dBuV or 90uV/m) to the .009uV/m (-41dBuV/m) you show in the table.
8. FYI – no action needed. Please note that as this device operates below 30MHz, the highest spurious emissions measurement only need go to 1GHZ (actually only to the 10<sup>th</sup> harmonic of the highest clock or fundamental frequency).
9. Please identify the specific paragraphs of RSS210 Issue 5 that are used for the appropriate IC testing.

A handwritten signature in black ink that reads "Dennis Ward".

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.