



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

January 25, 2006

RE: Samsung Electronics Co. Ltd.

FCC ID: A3LSWL-2460

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

- 1.) Please provide label artwork for this equipment as it is intended to be marketed.
- 2.) It appears that a daughterboard (U1?) is attached to the main board. FCC rules specify that the underside of all PC boards must be photographed. Please supply additional Internal Photos of this part.
- 3.) Kindly note that only 11 channels are legal in North America. Will this device be restricted to Channels 1 to 11? If so, kindly provide some evidence addressing this issue.
- 4.) Are you seeking modular approval for this device? If so, then for a full Modular Approval the device is required to be tested outside of its host (typically on an extender card). If it is intended for a specific host or model, then a Limited Modular Approval (LMA) may apply. Regardless, the requirements of publication DA 00-1407 must be followed. Please address.
- 5.) Page 1 of the Test Report appears to have incorrectly listed the power. Kindly review.
- 6.) Restricted Band emissions (47CFR 15.205) do not appear to be addressed. This is especially critical in the band just above 2483.5MHz. Please provide radiated emissions data for the restricted bands below 2390MHz (set to Ch1) and above 2483.5MHz (set to Ch 11). Be sure to check across all data modes and bit rates.
- 7.) Is the RF power measurement peak, average or RMS? What data rates produced the highest power? The Test Report does not appear to specify.
- 8.) Since page 1 of the Test Report appears to address Canada requirements, are you also seeking Canada approval? If so, we will need a completed Canada application form.
- 9.) Assuming that this is a LMA application intended to be installed in a specific host, please provide photographic proof that the antenna is installed at a distance of 20cm or greater from the user's lab during normal usage.
- 10.) Please add a photograph of the antenna (or antennas) intended for use with this device to the External Photograph exhibit.
- 11.) The video bandwidth settings used on OFDM and CCK are not consistent in Section 8.4. Please be sure to use appropriate and consistent instrument settings. Be sure to check for "worst case" of all the data rates.

William H. Graff
President and Director of Engineering

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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.