



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

November 7, 2002

RE: Samsung Electronics Co., Ltd.

FCC ID: A3LKHANHIFI

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) Please provide a block diagram that includes the frequencies as specified by CFR 2.1033(a)(5).
- 2) The schematics are not readable. Please provide a higher resolution set of schematics that are legible.
- 3) For emission above 1 GHz, the average limit is 54 dBuV/m. This is measured using a RBW = 1 MHz and VBW = 10 Hz. However compliance must also be shown with the peak limits which are 20 dB above the average limit, or 74 dBuV/m (reference 15.35(b)). This is measured using a RBW = 1 MHz and VBW = 1 MHz. Section 6.4 of the test report appears to state that all emissions > 1 GHz were only measured using an average detection mode. However, please provide information, data, or justification as to the peak to average ratio to show compliance with the peak requirements as well.
- 4) Data on page 55 states mode "Maximum Operation". Please explain what this means.
- 5) Please explain the rationale for testing to 2000 MHz. Many tuners contain LO frequencies in excess of 1.8 GHz. Also, the device may tune to channels 125 Cable and 69 TV which would suggest testing to at least 5 GHz. See 15.33.(b)(1). Please comment.

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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.