



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

July 15, 2005

RE: Thomson Telecom Belgium

FCC ID: RSE-ST585V6

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

- 1.) Kindly refer to Section 2.1 in your Test Report. You are claiming that “worst case” results occur when this device is set to the maximum data rates in OFDM and DSSS modes. This is contrary to the experience of FCC. Please justify your choice of 11Mbps in DSSS, and 54Mbps in OFDM for all measurements. In general, worst case is found at much slower data rates.
- 2.) Please refer to pages 21 through 24 of your Test Report. Your radiated Band Edge emissions test clearly shows emissions failing the radiated “Class B” average limits in the restricted bands of 15.205. In addition, there is no mention of the data rates used for these measurements. If I assume that 11 and 54 Mbps were used then we may indeed not be seeing the “worst case” for radiated emissions within these restricted bands. Please provide graphical data showing compliance with the radiated restricted band edge measurements at the “worst case” data rates. FYI: May I suggest you consider using the same span and center frequencies in your Conducted plots of pages 25 and 26, but make both peak (1MHz RBW/ 1MHz VBW) and average (1MHz RBW/ 10Hz VBW) plots when set to “worst case” channel 1 and 11.
- 3.) The exact two-part regulatory information of 15.19 must appear either on the label or in the manual. This required language is missing. Please review.
- 4.) The Manual indicates that use of frequencies in North America or on US territories other than channels 1 to 11 is not advised. This is not sufficient. I must remind you that the end user must never be given any methodology to set this equipment to non-US operating frequencies. This includes end user setting of country codes as well as direct entry of channels 12 through 14. Please supply a setup and operational manual which will be supplied to the end user.

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.