



American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

November 6, 2003

RE: FCC ID: O6O-037-0TBM18

Attention: Vivi Wang / Ellis Wu

I have a few comments on this Application.

1. Please note that the block diagram for part 15 intentional radiators must provide information on the clocks and their paths of the intentional radiator. Please note that the block diagram provided is a system block and not a block diagram of the intentional radiator portion of the device. Please provide a block diagram of the rf transmitter portion of this device.
2. Please note that the manual states transmission of the video signal is up to 150 feet. Please note that this does not seem to be a realistic transmission distance for a 15.249 devices. Please explain how this device operates at this stated distance (e.g. receiver sensitivity requirements etc)
3. Please note that there is apparently more than sufficient room on the label or device to accommodate the required 2 condition statement in 15.19. Please provide a sample of this 2 condition statement on the device. Alternately, please explain how this device meets the exclusions of 15.19(a)(5).
4. Please note that a number of radiated emissions readings are shown as having 'raw' readings at or below 0dBuV/m. Correction factors are then added. Since there does not appear to be preamplifier factors involved, this potentially puts the readings below or in the area that may be adversely affected by the dynamic range of the analyzer (below noise levels). For this reason it is generally prudent to use a preamplifier in line with the antenna and to use a notch filter to filter out the fundamental. when measuring spurious emissions. The fundamental is then measured separately without the notch filter. This is especially problematic on the restricted band 4820MHz reading shown on page 39 of the report. Due to the extremely low raw reading (16dB), no preamplifier used and the fact that this frequency is only -0.1dB from the restricted band limit, please explain what efforts were taken in the spurious emissions measurement process to make sure that this reading on the analyzer was accurate and is not actually failing.
5. Please explain if this device was tested in all three axis (orthogonal planes).

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.