



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

September 16, 2007

RE: ATCB005430

FCC ID: VFR822152

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

1. It is also required to provide the measurement plots for 20dB bandwidth of the emission according to FCC part 15.215(C) when the device is tested under FCC Part 15.249.
Below please see the FCC part 15.215 on 20dB bandwidth requirement:

[“Radiated Emission Limits, Additional Provisions](#)

[Section 15.215 Additional provisions to the general radiated emission limitations.](#)

[\(c\) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.”](#)

2. FCC ID and FCC logo both were shown at your label. You need to remove the FCC logo from the label if this device was not tested under FCC part 15B.
According to FCC rule part, FCC logo is used at the condition that FCC part 15B is applicable to this device.
If you want to put the FCC logo, please update us the revised report showing that this device has been tested under FCC Part 15B.
3. The operational description does not explain anything about the circuitry involved (i.e., please Provide an operational description, circuitry description of this device).
4. I could not find 2.4G transmitter portion in your schematic. Please provide a revised schematic with 2.4G transmitter circuit.
- 5 Internal Photos: There appears to be a “plug in” printed circuit board on the main board. Please provide photos of that circuit card.

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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.