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

January 16, 2008

RE: Socket Communications

FCC ID: LUBCHS2

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

1.) The Form 731 and Label refers to this as a LUBCHS2 but the FCC Confidentiality letter shows LUBCHS-2. Please correct this filing as necessary.
2.) I understand that there are two different enclosures utilized for this product. Are there any differences in the case material construction? Could there be differences in radiated emissions because of choices in case materials?
3.) The Grantee code contact registered with FCC is Lawrence Lovercheck. The FCC Power of Attorney and Confidentiality letters are signed by Thomas Moyland. We must have a clear picture of who is authorized to sign all letters on behalf of Socket Communications. Please see FCC Knowledge Base publication KDB 852134.
4.) RF power and frequency range are incorrectly listed in the Manual, page 74/75.
5.) Page 72 of Manual indicates this is a +14dBm device. This is about 10mw above what is quoted on Form 731. Was this device operating at the highest applicable RF power? Please review and explain/correct as needed.
6.) Canada is now requesting a cross-reference to their applicable standards. May I suggest that your summary of Test Results in Section 3 also properly cross reference all the applicable sections of RSS-210, Issue 7?
7.) FYI: You are cautioned that your method of RF power measurement does not strictly conform to the measurement method shown in DA 00-705. RBW must be greater than the 20dB BW of the fundamental. And VBW must be greater than the RBW. Please review your procedures.
8.) Please note that your band edge test on page 20 appears to show failing data. The limits for the restricted band spurious emissions above 2483.5 MHz are 54dBuV. You are showing the limits are 74dBuV with emission levels of ~65dBuV. Please refer to DA 00-705. You will see the “band edge” test is composed of two sections: (1.) a 15.247(c) conducted test using a RBW of 100KHz with a limit of 20dBc, and (2.) a radiated test for spurious emissions within the restricted bands listed in 15.205. It is this critical restricted band beginning at 2483.5MHz which has an average limit (1MHz RBW / 10Hz VBW) of 54dBuV.
9.) I believe your limit lines on your plot page 32 may be in error. As an example, the restricted band which starts at 2483.5 MHz and continues to 2390 MHz has a limit of 54dBuV. Please review and correct as necessary.
10.) A Parts List was included in this filing. In general BOM is not required for Part 15 Certification. Was it your intention to have this document uploaded to FCC and IC anyway? If so, do you want it to be within the public view?

William H. Graff
President

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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.