



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

December 3, 2008

RE: Innatec Communications Sdn Bhd

FCC ID: WXB-W3100

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

- 1.) Please note the RF Pout is not consistent across this filing. The Form 731 claims only 45mW, the MPE report claims 67.6mW, the Test Report claims 18.3dBm, and the operational description claims 18.5dBm +/-1.5dB. This means the RF power may be anywhere from 45mW to 100mW. This is not acceptable. Please correct or remeasure as necessary. Refer to page 1 of the attached FCC testing procedure for DTS.
- 2.) Your RF Pout test claims to use 230Vac. For testing in North America, standard test voltage must be 115Vac at 60Hz.
- 3.) FYI: Please also double check your AC Conducted emissions testing. Make certain all testing was performed at 115Vac at 60Hz. You must assure us that all 15.207 testing is always performed with a STV of 115Vac.
- 4.) Please see your spurious emissions plots on pages 38 and 39 of your Test Report. This does not conform to the FCC's 15.247(c) methodology on page 4 [item 1] of the attached test procedure.
- 5.) On page 20 of your test report, you state that all emissions within the restricted bands of 15.205 are 20dB below the limit. This, however, is simply not believable within the 2483.5-2500 MHz frequency bands, especially when set to Channel 11 (2462 MHz). In addition, without the use of very short cables with less than 10dB of cable loss, it is unlikely that you would be able to successfully measure to 500uV within the higher 15.205 restricted bands near 17-18GHz. Please make sure measure across the complete set of 15.205 restricted bands – your table on page incorrectly goes to only 9.5GHz.

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. Except as described in §0.459, correspondence and responses should be considered part of the permanent submission and may be viewed from the Internet once 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.