



Date: 22/02/2011

Ref: LMA Compliance Letter
To: Federal Communications Commission

Subject: LMA compliance letter

This letter introduces Micronet Ltd request to approve it's BT + WiFi module according to FCC Limited Modular Approval procedure, and to demonstrate the means to control the module as required by the LMA procedure.

Description of the module: This is a small board PCB which provide W-LAN (WiFi) + Bluetooth (hereinafter: BT) feature. This feature provided by embedded module IC which manufacture by "Azurewave" in Taiwan and consists of wireless LAN connection feature according to IEEE802.11 b/g and bluetooth 2.1+EDR connection protocol (two protocols in one IC).

This model is not sold separately, and is not installed in any units other than Micronet Ltd's 's products, and currently it is used in the following hosts: CE-504 and CE-507.

In any case where the NBOARD811 will be added to other hosts in the future, Micronet Ltd. will expand the LMA to include the new hosts.

Since the module incorporates an integral antenna its EIRP does not change between the hosts other than changes created by the host units shape influence.

Due to all the above mentioned, Micronet Ltd feels that the testing conducted by ITL to the various hosts, with the fact that Micronet Ltd. have full control on the sales and installation of the module, assure complete compliance with FCC LMA procedure.



As per § 15.212 Modular transmitters: Single modular transmitters must meet the following requirements to obtain a modular transmitter approval.		
Requirement	Not Maintained	Maintained
(1) The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.	Not maintained	
(2) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.		YES
(3) The modular transmitter must have its own power supply regulation.		YES
(4) The modular transmitter must comply with the antenna and transmission system requirements of §§15.203, 15.204(b) and 15.204(c). The antenna must either be permanently attached or employ a “unique” antenna coupler (at all connections between the module and the antenna, including the cable). The “professional installation” provision of §15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.		YES (Internal Antenna)
(5) The modular transmitter must be tested in a stand-alone configuration, <i>i.e.</i> , the module must not be inside another device during testing for compliance with part 15 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in §15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see §15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimetres to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see §15.31(i)).	Not Maintained (The module was tested inside the terminal)	
(6) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.		YES



Thank you,
Signature:



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