

From: bugbee@lexmark.com  
Sent: Tuesday, October 09, 2007 1:34 PM  
To: Sergey Marker ES-LA  
Cc: Bryan Taylor ES-LEX; pramey@lexmark.com; fessler@lexmark.com  
Subject: RE: FCC Review of the N8052

Hi Sergey,

Thank you for your response.

Lexmark will provide the wireless PCI adapter as a customer installable option only, therefore, the label will be visible to the purchaser at the time of purchase.

Lexmark will not provide the option card "pre-installed."

Please call me at 859-825-4432 if you feel we need to talk in person as Paul Ramey is out for the entire week and I am handling his appointments while he is out.

Thank You,

Thomas Bugbee  
Lexmark International, Inc.

"Sergey Marker ES-LA"

To: <pramey@lexmark.com>, "Bryan Taylor ES-LEX" bryan.taylor@intertek.com>  
<sergey.marker@intertek.com>

cc: <bugbee@lexmark.com>

Subject: RE: FCC Review of the N8052

10/09/2007 03:32PM

Paul,

FCC part 2.925(d) says:

(d) In order to validate the grant of equipment authorization, the nameplate or label shall be permanently affixed to the equipment and shall be readily visible to the purchaser at the time of purchase.

If Lexmark sell the wireless adapter only, that will required the Modular Approval and having label on the card is good enough.

The purpose of this application is printer, which has a wireless card inside. In this case the label is not required to be on the card, but has to be on the printer.

Thanks,  
Sergey Marker

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-----Original Message-----

From: pramey@lexmark.com [mailto:pramey@lexmark.com]  
Sent: Monday, October 01, 2007 10:18 AM  
To: Bryan Taylor ES-LEX  
Cc: bugbee@lexmark.com  
Subject: Re: FCC Review of the N8052

Bryan,

Sorry for all the delays...here are the responses for the TCB comments on the review of the N8052. Let me know if there are any further questions or comments.

Issue 1) 15.407 (g) required the Manufacturing to be in compliance with frequency stability requirements in according with manufacturing specification. You may ask manufacturing to provide a statement for compliance with this part.

Reply:

Each 802.11a/b/g card used on the N8052 is tested and calibrated prior to leaving the supplier's factory (supplier is Chung Nam Electronics aka CNE) . During this process, the frequency stability (from crystal/oscillator circuit) is verified using manufacturing test tools provided by Conexant (the chipset manufacturer).This test measures carrier frequency in continue transmit mode (no modulation mode) using a spectrum analyzer and automated test software running on a PC. The 802.11a/b/g mPCI card's frequency offset must comply with the 802.11 specification, else the unit is failed and not shipped.

Attached below is the official document from our ODM regarding this issue.

(See attached file: CNE statement on Frequency Stability Compliance.pdf)

Issue 2) 15.407 (c) required that " the device shall automatically discontinue transmission..... Applicant shall include in their application for equipment authorization a description of how this is met." Customer may explain it in "Operational Description" of how this requirement is met.

Reply:

The "GEN\_OID\_HIBERNATE" object identifier in the firmware configures the device's radio state. The dual band radio (ISL3692) is switched off if the value of the object is TRUE. FALSE enables the radio and switches the system to normal operation.

Issue 3) Label location

It's not clear from this exhibit that INA card, which carries the FCC label, located outside or inside of the printer. FCC label should be seen outside of the printer. Please comment on this.

Reply:

The INA card should be treated similar to a PC peripheral option. In general the FCC has not required that all "module-like" devices request Modular Approval (MA) or Limited Modular Approval (LMA) which is the case for PCI wireless adapters for PCs (and our printers). The labeling for such cards has always been limited to the label on the PCI wireless option card and has never been required to be placed on the outside of the PC or the printer.

Paul Ramey  
pramey@lexmark.com  
Phone: 859-825-4469



Chung Nam Electronics CO., LTD.  
12/F, Chung Nam Building, No.1 Lockhart Road, Hong Kong

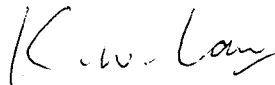
28 Sept, 2007

To Whom It May Concern:

**Statement of Frequency Stability Compliance for**  
**WLG500-3B**

Chun Nam Electronics Co., LTD., Wireless LAN 802.11 a/b/g module manufacturer declares that we have sufficient testing capability and control in our production plant to ensure the frequency stability of our products. To achieve the said requirement, each production unit has been gone through a comprehensive RF calibration and RF performance testing process during production such that an emission of our products is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

Best regards,



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Dr. Lawrence Law  
Senior Engineering Manager  
Chung Nam Electronics Co., LTD.