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Kanagawa-ken 242-8502, Japan
April 2, 2002

To whom this may concern

OET Requested Information

FCC ID   :   ANODS1WLIV
Applicant :   International Business Machines Corporation
Correspondence Reference Number :   22473
731 Confirmation Number   :   EA661667
Original Requested Date   :   March 29, 2002

Subject :
1)   Please verify that the the device will not be installed by the user and the manual will not have user installation instructions for this transmitter.

Answer: We clarified in the submittal exhibit (Operational_Description.pdf) that "The wireless card and built_in antennas are installed in the applying equipment by IBM"

Also here we declare that we have **no** optional delivery **service parts to users** including the maintenance purpose for a broken part of the applying wireless LAN mini-PCI card. A broken card will be replaced by the IBM service centers.

As for the users manual, we will revise as the attechment-1 of this correspondence.

Subject :
2) Please address the following RF safety questions.
  RT1. Please submit printout from relevent IBM web page for optional transmitters.

Answer: Please refer to the attechment-2 of this correspondence. But please note that the model name of this applying equipment will not be introduced until the announcement.

  RT2. FYI two typos in users manual "Users are requrested..." Please change to "Users are requested...

Answer: We appreciate for the attention. We will correct the two typos.

Sincerely,   April 1, 2002

Toshiya Murota
Staff Engineer, EMC Engineering
Yamato Laboratory,   IBM Japan Ltd.

Attechment-1: <u>Revision of the user's Manual</u>

Important Notice for Users

The Integrated Wireless LAN Module

The integrated Wireless LAN Mini-PCI card in your ThinkPad R32 computer is preinstalled by IBM. Please make sure that you are not permitted to install nor replace the card by yourself. If you will have any problem on the integrated card, please contact the IBM Help Center(s) shown in the Chapter 3.

The FCC RF Safety Requirement

● When you use a Bluetooth™ option or wireless PCMCIA card in your ThinkPad R32 computer, please make sure of the following:
 1. Visit the IBM® site at **www.ibm.com/pc/qtechinfo/MIGR-39377.html** and confirm the updated list of RF option devices that have been approved to cooperate with the integrated wireless feature.
 2. When you use any other RF option device that is not listed on the IBM site, all other wireless features including the integrated transmitter in your ThinkPad computer are required to be turned off.
 3. Users are requested to follow the RF Safety instructions on wireless option devices that are included in the RF option device's user's manual.

See Appendix C, "Wireless Regulatory Information" on page 51 for more details.

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Attechment-2: The IBM Web site
http://www.pc.ibm.com/qtechinfo/MIGR-39377.html

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TP Wireless Systems – Additional RF Option devices receive FCC certification

Applicable countries/regions
United States

Service hints & tips
Affected configurations
Additional RF Option devices receive FCC certification for use on:

IBM Systems	FCC IDs
ThinkPad A22 wireless models	ANOM380211B
ThinkPad A30 Series (A30, A31) wireless models	ANOVNCBDC80211B
ThinkPad R30 Series wireless models (R30, R31)	ANOCH126P8056
ThinkPad T23 wireless models	ANOTR4WGA1 BAN
ThinkPad X22 wireless models	ANOSY3W26629DX
ThinkPad X23 wireless models	ANOSY4W2662DFJ

Solution
The ThinkPad's "Service and Troubleshooting Guide" has the following information in "Wireless regulatory information – USA Federal Communications Commission (FCC)" section:

When you use a Bluetooth option or wireless PCMCIA card in your ThinkPad xxx computer, please make sure of the following

1. Please visit the IBM site at www.ibm.com/pc/support and confirm the updated list of RF option devices that have been approved to cooperate with the integrated wireless feature.
2. When you use any other RF option device that is not listed on the IBM site, all other wireless features including the integrated transmitter in your ThinkPad computer are required to be turned off.
3. Users are requested to follow the RF Safety instructions on wireless option devices that are included in the RF option device's user's manual.

Additional information
Since publication, the following RF devices have been certified:

* FCC ID: PI4BT-ULTRA Option Name: Bluetooth UltraPort Module from IBM
* FCC ID: O2OBTPCM101 Option Name: Bluetooth PC Card
* FCC ID: PI4BT-IBM-PCII Option Name: Bluetooth PC Card II

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