



S10-2 Regulatory Notice V1.0 (US,EU,Non_EU,AP) cover_1-4

Lenovo

S10-2 Regulatory Notice v1.0



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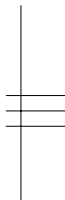
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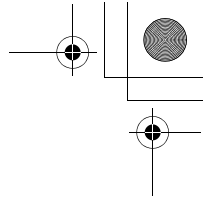
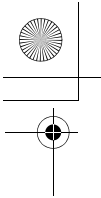


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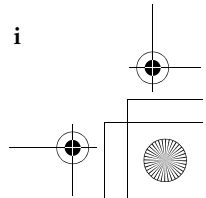
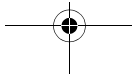
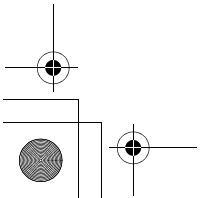
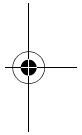
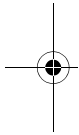


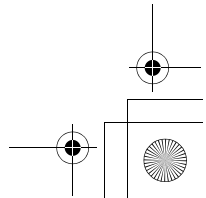
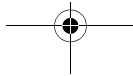
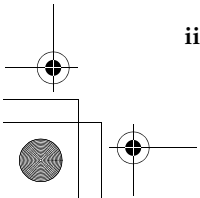
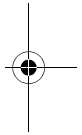
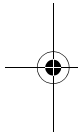
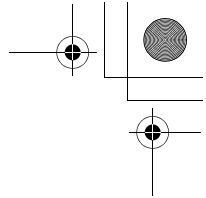
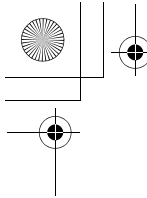


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Lenovo Regulatory Notice

Read first — regulatory information

Please read this document before you use the Lenovo computer. Lenovo computer complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. You must install and use your computer in strict accordance with the instructions as described hereafter.

You are prohibited to replace or remove the preinstalled Wireless LAN Mini PCI Express Card and the Bluetooth module in your computer, it is not a Customer Replaceable Unit (CRU). If one of your cards requires replacement or repair, Lenovo will request you to send your computer with the preinstalled card(s) to Lenovo so that Lenovo will repair it.

Veillez lire ce document avant d'utiliser l'ordinateur Lenovo. L'ordinateur Lenovo est conforme aux normes de sécurité et de radiofréquence du pays ou de la région où son utilisation sans fil est agréée. Vous devez installer et utiliser votre ordinateur en respectant scrupuleusement les instructions décrites ci-après.

Vous êtes interdit de remplacer la carte de réseau local sans fil Express mini-PCI et le module Bluetooth qui sont préinstallés dans votre ordinateur, ce ne sont pas des Unités remplaçables par l'utilisateur (CRU). Si l'une de votre carte a besoin d'être remplacée ou réparée, Lenovo va vous demander de lui envoyer votre ordinateur avec des cartes préinstallées, pour qu'il puisse le réparer.

USA — Federal Communications Commission (FCC)

I. Factory preinstalled Wireless LAN/WiMAX module

- FCC ID: PD9LEN512ANMU (Model: 512AN_MMW)
- FCC ID: GKR- BCM94312MCG (Model: BCM94312MCG)
- FCC ID: PD9512ANXMU (Model: 512ANXMMW)

Wireless LAN Mini PCI Express Cards marketed in the USA and Canada do not support nor function in the extended channels (12ch, 13ch).

i) The FCC RF Exposure compliance:

The radiated energy from the Main and Auxiliary antennas connected to the Wireless LAN Mini PCI Express Card conforms to the FCC limit of the SAR (Specific Absorption Rate) requirement regarding 47 CFR Part 2 section 1093, when the computer was tested in the conventional notebook setting.

Note: The transmission diversity function is implemented for this product. For WLAN card (Model: BCM94312MCG) using Main and Auxiliary antennas for transmission in the IEEE 802.11 b/g transmission mode, radio frequency energy is not emitted simultaneously from both Main and Auxiliary antennas. One of the antennas is selected automatically or manually (by users) to have good quality of radiocommunication (transmission diversity function). For WLAN cards (Model: 512AN_MMW, 512ANXMMW) in the IEEE 802.11 a/b/g, or MIMO (Multiple In Multiple Out) transmission mode, the radio frequency energy is emitted from Main antenna.

ii) FCC ID of wireless module:

There is no FCC ID for Mini PCI Express Card shown on the enclosure of your Lenovo computer. Instead you will find an indicator label pointing to the location of the FCC ID on the bottom side of your Lenovo computer. This label will be of the format "Contains Transmitter Module: FCC ID: XXXX", where XXXX represents the FCC ID that corresponds to your preinstalled Wireless LAN/WiMAX module.

iii) Radio Frequency interference requirements:

- The devices have been tested and found to comply with the limits for a Class B digital device pursuant to FCC Part 15 Subpart B. The model BCM94312MCG was subject to DoC. Refer to "Electronic emission notices" on page 12. The models 512AN_MMW, 512ANXMMW underwent the certification process with each respective FCC ID number listed in "I. Factory preinstalled Wireless LAN/WiMAX module" on page 2.
- Each device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires these products to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.
- High power radar are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.

II. Preinstalled integrated *Bluetooth* module

- FCC ID: MCLBCM92046 (Model: BCM92046)

i) FCC ID and installation of the module:

If you find an indication “Contains Transmitter Module: FCC ID: MCLBCM92046” on the label at the bottom side of your computer, your computer contains the Bluetooth transmitter module (Model: BCM92046). The *Bluetooth* module is preinstalled by Lenovo, and is not removable by users.

ii) The FCC RF safety requirement:

The radiated output power of the *Bluetooth* module is far below the FCC radio frequency exposure limits. Therefore, a 20 cm of separation between the *Bluetooth* antenna and human body is not required.

iii) Radio Frequency interference requirements:

The device has been tested and found to comply with the limits for both a Class B digital device regarding FCC Part 15 Subpart B and an intentional radiator regarding FCC Part 15 Subpart C; then it underwent the certification processes for both rules. Thus the FCC ID MCLBCM92046 of this device includes both certifications of Part 15 Subpart B and C.

III. Simultaneous use of RF transmitters

Your Lenovo computer is approved for simultaneous use of the transmitters listed below:

- Wireless LAN adapter (FCC ID: PD9LEN512ANMU, PD9512ANXMU, or GKR- BCM94312MCG)
- *Bluetooth* module (FCC ID: MCLBCM92046)

Please make sure of the following conditions on use of these wireless features:

1. When you use any other RF option device, all other wireless features including the above integrated devices in your Lenovo computer are required to be turned off.
2. Users must follow the RF Safety instructions on wireless option devices that are included in the RF option device's user's manual.

Canada — Industry Canada (IC)

IC Certification number

I) Factory preinstalled Wireless LAN modules:

- IC: 1000M-512ANMU (Model: 512AN_MMW)
- IC: 2533B-BCM94312MCG (Model: BCM94312MCG)

Wireless LAN Mini PCI Express Cards marketed in the USA and Canada do not support nor function in the extended channels (12ch, 13ch).

There is no certification number of Industry Canada for Mini PCI Express Card shown on the enclosure of your Lenovo computer. Instead you will find an indicator label pointing to the location of the IC Certification number on the bottom side of your Lenovo computer. This label will be of the format "Contains Transmitter Module: Canada IC: XXXX", where XXXX represents the IC ID that corresponds to your preinstalled WLAN module.

II) Preinstalled integrated *Bluetooth* module:

- IC: 2878D-BCM92046 (Model: BCM92046)

If you find an indication “Contains Transmitter Module: Canada IC: 2878D-BCM92046” on the label at the bottom side of your computer, your computer integrates the *Bluetooth* transmitter module. The *Bluetooth* module is preinstalled by Lenovo, and is not removable by users.

III) Low power license-exempt radiocommunication devices (RSS-210):

Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

The transmitter devices have been designed to operate with the antennas integrated in Lenovo computer, and having a maximum gain of within 3 dBi.

The maximum antenna gain permitted for devices in the 5250-5350 MHz, 5470-5725 MHz, and 5725-5825 MHz bands complies with the e.i.r.p. limit in section A9.2 of RSS-210.

When you use the model 512AN_MMW:

- The devices for the band 5150–5250 MHz are only for indoor usage to reduce potential for harmful interference to co-channel Mobile Satellite systems.
- High power radars are allocated as primary users (meaning they have priority) of 5250–5350 MHz and 5650–5850 MHz and these radars could cause interference and/or damage to LELAN (Licence-Exempt Local Area Network) devices.

IV) Exposure of humans to RF fields (RSS-102):

Lenovo computers employ low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's Web site at www.hc-sc.gc.ca/rpb

The radiated energy from the antennas connected to the wireless adapters conforms to the IC limit of the RF exposure requirement regarding IC RSS-102, Issue 2 clause 4.2.

Numéro d'homologation IC

I) Modules de réseaux local sans fil pré-installé à l'usine:

- IC: 1000M-L512ANMU (Model: 512AN_MMW)
- IC: 2533B-BCM94312MCG (Model: BCM94312MCG)

Les cartes de réseau local sans fil Express mini-PCI commercialisées aux Etats-Unis et au Canada ne prennent pas en charge les canaux étendus (12ch, 13ch) et ne fonctionnent donc pas sur de tels canaux.

Le boîtier de votre ordinateur Lenovo ne comporte pas de numéro d'homologation IC (Industry Canada) pour la carte mini-PCI Express ; mais sous votre Lenovo, vous trouverez une étiquette indicatrice pointant vers l'emplacement du numéro d'homologation IC. L'étiquette se présente sous la forme "Contains Transmitter Module: Canada IC: XXXX" où XXXX représente l'ID IC qui correspond au module WLAN préinstallé.

II) Module *Bluetooth* intégré préinstallé:

- IC: 2878D-BCM92046 (Model: BCM92046)

Si la mention "Contains Transmitter Module: Canada IC: 2878D-BCM92046" figure sur l'étiquette située au bas de votre ordinateur, cela signifie que ce dernier intègre le module de transmission *Bluetooth*. Le module *Bluetooth* est préinstallé par Lenovo et ne peut pas être retiré par les utilisateurs.

III) Remarque relative aux appareils de communication radio de faible puissance sans licence (CNR-210):

Le fonctionnement de ce type d'appareil est soumis aux deux conditions suivantes:

1. Cet appareil ne doit pas perturber les communications radio, et
2. cet appareil doit supporter toute perturbation, y compris les perturbations qui pourraient provoquer son dysfonctionnement.

Les périphériques d'émission sont conçus pour fonctionner avec des antennes intégrées aux Lenovo et ayant un gain maximal de moins de 3 dBi. Le gain d'antenne maximal pour les périphériques dans les bandes de fréquence 5250-5350 MHz, 5470-5725 MHz, et 5725-5825 MHz est conforme à la limite p.i.r.e énoncée dans la section A9.2 de la CNR-210.

Lorsque vous utilisez le modèle 512AN_MMW:

- Tout appareil destiné à la bande 5150-5250 MHz devra être exclusivement utilisé en intérieur afin de réduire les risques de perturbations électromagnétiques gênantes sur les systèmes de satellite mobile dans un même canal.
- Les radars à forte puissance sont désignés comme les utilisateurs principaux (c'est-à-dire qu'ils sont prioritaires) des bandes 5250-5350 MHz et 5650-5850 MHz. Ils peuvent provoquer des perturbations électromagnétiques sur les appareils de type LELAN (réseau de communication local sans licence) ou les endommager.

IV) Exposition des êtres humains aux champs radioélectriques (RF) (CNR-102):

L'ordinateur Lenovo utilise des antennes intégrales à faible gain qui n'émettent pas un champ électromagnétique supérieur aux normes imposées par le Ministère de la santé canadien pour la population. Consultez le Safety Code 6 sur le site Web du Ministère de la santé canadien à l'adresse "www.hc-sc.gc.ca/rpb".

L'énergie émise par les antennes reliées aux adaptateurs sans fil respecte la limite d'exposition aux radiofréquences telle que définie par Industrie Canada dans la clause 4.2 du document CNR-102.

Electronic emission notices

Federal Communications Commission (FCC) Statement

- Model: 512AN_MMW
- Model: 512ANXMMW

Note: The compliance of the FCC Part 15 Subpart B for Models: 512AN_MMW, 512ANXMMW was proceeded by certification, thus the FCC ID: PD9LEN512ANMU, PD9512ANXMU, respectively include both compliances of Part 15 Subpart B and C/E.


This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:
Lenovo (United States) Incorporated
1009 Think Place - Building One
Morrisville, NC 27560
Telephone: 1-919-294-5900

 Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

Industry Canada Class B Emission Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Lenovo Regulatory Notice

Europe — EU Declaration of Conformity

Products intended for sale within the European Union are marked with the Conformité Européenne (CE) Marking, which indicates compliance with the applicable Directives and European Norms, and amendments, identified below.

For model: 512AN_MMW

CE 1856 Ⓛ

For model: BCM94312MCG

CE 0984

For model: BCM92046

CE

Short declaration for 1999/95/EC Compliance

Български [Bulgarian]:	Lenovo IdeaPad S10-2 отговаря на съществените изисквания и приложими клаузи на Директива 1999/5/EC.
Česky [Czech]:	Lenovo IdeaPad S10-2 je v souladu se základními a ostatními odpovídajícími ustanoveními Směrnice 1999/5/EC.
Dansk [Danish]:	Lenovo IdeaPad S10-2 er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.
Deutsch [German]:	Das Lenovo IdeaPad S10-2 entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EU.
Eesti [Estonian]:	Lenovo IdeaPad S10-2 vastab direktiivi 1999/5/EÜ olulistele nõuetele ja teistele asjakohastele sätetele.
English:	This Lenovo IdeaPad S10-2 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]:	Este Lenovo IdeaPad S10-2 cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/CE.
Ελληνικά [Greek]:	Ο "Lenovo IdeaPad S10-2 " είναι σε συμμόρφωση με τις ουσιαστικές απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/EC.
Français [French]:	Le Lenovo IdeaPad S10-2 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/CE.
Íslenska [Icelandic]:	Lenovo IdeaPad S10-2 uppfyllir grunnkröfur og önnur viðeigandi ákvæði Tíðskipunar 1999/5/EB.
Italiano [Italian]:	Lenovo IdeaPad S10-2 è conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/CE.
Latviešu [Latvian]:	Lenovo IdeaPad S10-2 tenkina 1999/5/EB Direktīvas esminius reikalavimus ir citas šīs direktīvas nuostatas.
Lietuvių [Lithuanian]:	Lenovo IdeaPad S10-2 tenkina 1999/5/EB Direktivos esminius reikalavimus ir kitas šios direktivos nuostatas.

Nederlands [Dutch]:	Deze Lenovo IdeaPad S10-2 voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van de Richtlijn 1999/5/EC.
Malti [Maltese]:	Lenovo IdeaPad S10-2 hu konformi mal-htigijiet essenzjali u l-provvedimenti l-oħra rilevanti ta' Direttiva 1999/5/KE.
Magyar [Hungarian]:	A Lenovo IdeaPad S10-2 teljesíti az alapvető követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket.
Norsk [Norwegian]:	Lenovo IdeaPad S10-2 er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 1999/5/EF.
Polski [Polish]:	Urządzenie Lenovo IdeaPad S10-2 jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE: 1999/5/EC.
Português [Portuguese]:	Lenovo IdeaPad S10-2 está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/EC.
Română [Romanian]:	Lenovo IdeaPad S10-2 este în conformitate cu cerințele esențiale și cu alte prevederi relevante ale Directivei 1999/5/EC.
Slovensko [Slovenian]:	Lenovo IdeaPad S10-2 je skladna z bistvenimi zahtevami in ostalimi relevantnimi pogoji Direktive 1999/5/EC.
Slovenský [Slovak]:	Lenovo IdeaPad S10-2 je v zhode so základnými požiadavkami a inými príslušnými nariadeniami direktiv: 1999/5/EC.
Suomi [Finnish]:	Tämä Lenovo IdeaPad S10-2 täyttää direktiivin 1999/5/EY olennaiset vaatimukset ja on siinä asetettujen muiden laitteita koskevien määräysten mukainen.
Svenska [Swedish]:	Denna Lenovo IdeaPad S10-2 är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 1999/5/EC.

142730

For model: 512AN_MMW



Declaration of Conformity (1999/5/EC)

We, **INTEL CORPORATION SAS**
Address: Les Taissounières B3, 1681 route des Dolines – BP 293
06905 – Sophia Antipolis, France

declare under our sole responsibility that the product:

- Name: **Intel® WiFi Link 5100**
- Model: **512AN_MMW**

to which this declaration relates, is in compliance with all the applicable essential requirements, and other provisions of the European Council Directive:

1999/5/EC	Radio and Telecommunications Terminal Equipment Directive (R&TTE)
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The conformity assessment procedure used for this declaration is Annex IV of this Directive

This product will bear the CE Mark label CE 1856 !

Product compliance has been demonstrated on the basis of:

- IEC 60950-1:2001, and EN 60950-1: 2001 - Council Recommendation 1999/519/EC of 12 July 1999 on the limitation of exposure to the general public to electromagnetic fields (GHz to 300GHz) based on SAR measurements (Table 1 basic restrictions)	For article 3.1(a) : Health and Safety of the User
- EN 301 489-1 V1.6.1 (2005-09) - EN 301 489-17 V1.2.1 (2002-08)	For article 3.1(b) : Electromagnetic Compatibility
- EN 300 328 V1.7.1 (2006-10) - EN 301 893 V1.4.1 (2007-07)	For article 3.2 : Effective use of the spectrum allocated

The technical construction file is kept available at:

INTEL CORPORATION SAS
Branch Office: 1681 route des Dolines,
06905 - Sophia Antipolis, France

Authorized Signature by

Date: 29 April 2008



Gilles Catala,
Regulatory Manager
Intel Mobile Wireless Group

For model: BCM94312MCG



190 Mathilda Place, Sunnyvale, CA 94086.

Tel: 408 543 3300, Fax 408 543 3399

Declaration of Conformity

We

Broadcom Corporation
190 Mathilda Place
Sunnyvale, CA 94086
USA

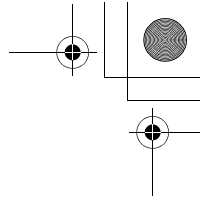
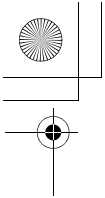
Contact: Daniel Lawless
Tel: +1 408 922 5870
Fax: +1 408 543 3399

Hereby declare under our sole responsibility that the product:

Product Name: Broadcom 802.11g WLAN PCI-E Mini Card
Model No: BCM94312MCG

To which this declaration relates, is in conformity with the following standards and/or other normative documents:

EN 300 328 V1.7.1 (2006-10)
EN 301 489-17 V1.2.1 (2002-08)
EN 60950-1/IEC 60950-1:2001 First Edition
EN50385: 2002

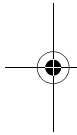


We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity with all the essential requirements of Directive 1999/5/EC.

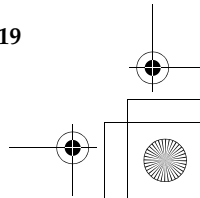
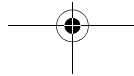
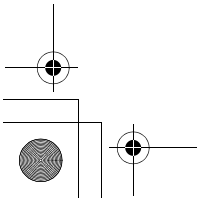
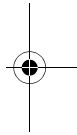
The conformity assessment procedure referred to in Article 10(5) and detailed in Annex IV of Directive 1999/5/EC has been followed with the involvement of the following Notified Body:

Compliance Certification Services (ID# 0984)
47173 Benicia Street
Fremont, CA 94538 USA

July 27, 2007



Daniel Lawless
Senior Manager, Compliance Engineering
Broadcom Corporation



For model: BCM92046



HON HAI Precision IND.CO.,LTD.

Headquarters: 5F-1, 5 Hsin-An Road, Hsinchu
Science-Based Industrial Park Taiwan,
TEL: +886 3 5784975
FAX: +886 3 5775100

Taipei Branch: 4-1, Ming-Shen Street, Tu Chen 236
Tu Chen Industrial District, Taiwan, R.O.C.
TEL:+886-2-2267 6511
FAX:+886-2-2267 6512

Declaration of Conformity

We,

HON HAI Precision IND.CO.,LTD.
5F-1, 5 Hsin-An Road, Hsinchu Science-Based
Industrial Park, Taiwan, R.O.C
Contact Person: Rio Chen
Tel: 886-3-5784975 Fax: 886-3-5775100
E-mail: rio.chen@foxconn.com.tw

Herewith declare that the product:

Equipment: Bluetooth Module
Model: BCM92046

Is in conformity with the provisions of the following EC directive(s)
meets the requirements of the council of the European communities relating to and.

Reference NO. Title

1999/05/EC Radio & Telecommunications Terminal Equipment Directive (R&TTE)

Standard: EN 300 328 V1.7.1

2006/95/EEC Low Voltage Directive (LVD)

Standard: EN 60950-1:2001+A11: 2004

2004/108/EEC Electromagnetic Compatibility (EMC-Directive)

Standard: EM 301 489-1 V1.6.1/-17 V1.2.1

and that standards and/or technical specifications referenced above have been applied.

Rio Chen

Rio Chen
Compliance Deputy Manager
HON HAI Precision IND.CO.,LTD.
Date: June 2, 2008

Notice for users in French

Consignes destinées aux utilisateurs d'une carte mini-PCI Express pour réseau local sans fil

Restriction de bande de fréquence de l'Union Européenne

- Ce périphérique est destiné à être utilisé à l'intérieur, dans la bande de fréquence de 2400 à 2483 MHz.
- Ce périphérique doit être utilisé exclusivement à l'intérieur, dans la bande de fréquence de 5,15 à 5,35 GHz (canaux 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in German

Hinweis für Benutzer einer Wireless LAN Mini-PCI-ExpressCard

EU-Frequenzbandeinschränkung

- Dieses Gerät ist für die Verwendung im Innenbereich im Frequenzband zwischen 2400 und 2483 MHz konzipiert.
- Die Verwendung dieses Gerätes ist im Frequenzband zwischen 5,15 und 5,35 GHz (Kanäle 36, 40, 44, 48, 52, 56, 60, 64) auf die Verwendung im Innenbereich beschränkt.

Notice for users in Polish

Uwaga dla użytkowników karty Wireless LAN Mini PCI Express Ograniczenia dotyczące pasm częstotliwości w UE

- Urządzenie jest przeznaczone do używania wewnątrz budynków, w pasmach częstotliwości 2400 do 2483 MHz.
- Urządzenie jest przeznaczone do używania wewnątrz budynków, w pasmach częstotliwości 5,15 do 5,35 GHz (kanały 36, 40, 44, 48, 52, 56, 60 i 64).

Notice for users in Portuguese

Aviso para utilizadores de placas Mini PCI Express Card de Rede local sem fios

Restrição da banda de frequências na UE

- Este dispositivo destina-se a utilização no interior, na banda de frequências 2400 a 2483 MHz.
- A utilização deste dispositivo está limitada a utilização no interior, na banda entre os 5.15 e os 5.35 GHz (canais 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Spanish

Aviso para los usuarios de una Tarjeta Mini PCI de LAN inalámbrica

Restricción de banda de frecuencia de la UE

- Este dispositivo está diseñado para ser utilizado en interiores en la banda de frecuencia de 2400 a 2483 MHz.
- La utilización de este dispositivo está limitada a interiores en la banda de 5,15 a 5,35 GHz (canales 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users of a Wireless LAN Mini PCI Express Card, preinstalled by Lenovo

EU Frequency band restriction

- This device is intended for indoor use in the frequency band 2400 to 2483 MHz.
- Usage of this device is limited to indoor in the band 5.15 to 5.35 GHz (channels 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Czech

Informace pro uživatele bezdrátové expresní karty LAN Mini PCI, předinstalované společností Lenovo

Omezení frekvenčního pásma EU

- Toto zařízení je určeno pro použití v budově ve frekvenčním pásmu 2400 až 2483 MHz.
- Používání tohoto zařízení je omezeno na budovy, a to v pásmu 5,15 až 5,35 GHz (kanály 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Danish

Bemærkning til brugere af Mini PCI Express-kort til trådløst LAN, som er forudinstalleret af Lenovo.

Europæiske begrænsninger for frekvensbånd

- Denne enhed er beregnet til indendørs brug på frekvensbåndet 2400 til 2483 Mhz.
- Anvendelse af denne enhed er begrænset til indendørsbrug på båndet 5,15 til 5,35 GHz (kanal 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Finnish

Ilmoitus Lenovon esiasentaman langattoman LAN Mini PCI Express -kortin käyttäjille

EU:n taajuuskaistarajoitus

- Tämä laite on tarkoitettu sisäkäyttöön taajuusalueella 2400 - 2483 MHz.
- Tämän laitteen käyttö on rajoitettu sisätiloihin taajuusalueelle 5,15 - 5,35 GHz (kanavat 36, 40, 44, 48, 52, 56, 60 ja 64).

Notice for users in Greek

Σημείωση για χρήστες Mini PCI Express Card ασύρματου LAN, προεγκατεστημένης από τη Lenovo

Περιορισμός ζώνης συχνότητας ΕΕ

- Η παρούσα συσκευή προορίζεται για εσωτερική χρήση στη ζώνη συχνότητας 2400 έως 2483 MHz.
- Η χρήση αυτής της συσκευής περιορίζεται σε εσωτερικούς χώρους στη ζώνη 5,15 έως 5,35 GHz (κανάλια 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Hungarian

Figyelmeztetés a Lenovo által gyárilag telepített, vezeték nélküli LAN Mini PCI Express kártya felhasználói számára

Frekvenciatartományra vonatkozó európai uniós korlátozás

- Ez az eszköz beltéri használatra lett tervezve 2400-2483 MHz-es frekvenciatartományhoz.
- Az eszközt az 5,15-5,35 GHz-es tartományban csak beltéren szabad használni (csatornák: 36, 40, 44, 48, 52, 56, 60 és 64).

Notice for users in Dutch

Opmerking voor gebruikers van een draadloos LAN Mini PCI Express-kaart, voorgeïnstalleerd door Lenovo

EU-frequentiebandbeperking

- Dit apparaat is bedoeld voor gebruik binnenshuis binnen het frequentiebandbereik van 2400 tot 2483 MHz.
- Gebruik van het apparaat is beperkt tot gebruik binnenshuis binnen het bandbereik 5,15 tot 5,35 GHz (kanalen 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Norwegian

Merknad for brukere av kortet Wireless LAN Mini PCI Express, som er forhåndsinstallert av Lenovo

Begrensninger for frekvensbånd innen EU

- Denne enheten er beregnet for innendørs bruk i frekvensbåndet 2400 til 2483 MHz.
- Denne enheten må kun brukes innendørs i båndet 5,15 til 5,35 GHz (kanalene 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Swedish

Meddelande till användare av ett Mini PCI ExpressCard-kort för trådlöst nätverk som förinstallerats av Lenovo

Begränsning för EU-frekvensband

- Den här enheten är avsedd för inomhusbruk i frekvensbandet 2400 till 2483 MHz.
- Enheten kan bara användas inomhus i bandet 5,15 till 5,35 GHz (kanaler 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Estonian

Teadanne Lenovo poolt eelinstallitud Wireless LAN Mini PCI Express Card kasutajatele

EL sagedusriba piirang

- See seade on mõeldud kasutamiseks siseruumides, sagedusribas 2400 kuni 2483 MHz.
- Selle seadme kasutus on piiratud siseruumidega sagedusribas 5,15 kuni 5,35 GHz (kanalid 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Latvian

Paziņojums Lenovo uzstādītās bezvadu LAN mini PCI Express kartes lietotājiem

ES frekvenču joslas ierobežojums

- Šī ierīce ir paredzēta lietošanai telpās 2400 līdz 2483 MHz frekvenču joslā.
- Šīs ierīces lietošana ir ierobežota – to drīkst lietot iekštelpās 5,15 līdz 5,35 GHz joslā (kanāli 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Lithuanian

Pranešimas belaidžio LAN tinklo „Mini PCI Express“ kortelės, kuri yra iš anksto įdiegta „Lenovo“, naudotojams

ES dažnio diapazono apribojimas

- Šis prietaisas skirtas naudoti viduje esant 2400–2483 MHz dažniui.
- Šio prietaiso naudojimas viduje esant 5,15–5,35 GHz (36, 40, 44, 48, 52, 56, 60, 64 kanalai) dažnio diapazonui yra ribotas.

Notice for users in Icelandic

Tilkynning til notenda Mini PCI Express netkorts fyrir þráðlaus staðarnet, foruppsett af Lenovo.

Takmarkanir ESB á tíðnisviði

- Þetta tæki er ætlað til nota innandyrá á tíðnisviðinu 2400 to 2483 MHz.
- Notkun tækisins er takmörkuð við notkun innandyrá á sviðinu 5,15 til 5,35 GHz (rásir 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Slovak

Upozornenie pre používateľov bezdrôtovej expresnej karty LAN Mini PCI, predinštalovanej spoločnosťou Lenovo

EÚ Obmedzenie frekvenčného pásma

- Toto zariadenie je určené na použitie vo vnútri a vo frekvenčnom pásme od 2400 do 2483 MHz.
- Použitie tohto zariadenia je limitované na použitie vo vnútri, v pásme od 5,15 do 5,35 GHz (kanály 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Slovenian

Obvestilo za uporabnike od podjetja Lenovo prednameščene brezžične kartice LAN Mini PCI Express.

Omejitev frekvenčnega pasu EU

- Ta naprava je namenjena notranji uporabi v frekvenčnem pasu od 2400 do 2483 MHz.
- Uporaba te naprave je omejena na notranjo uporabo v pasu 5,15 do 5,35 GHz (kanali 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Italian

Avviso per gli utenti di express card mini PCI per reti wireless LAN, preinstallate da Lenovo

Limitazioni UE sulle bande di frequenza

- Questo dispositivo è stato progettato per l'uso in ambienti interni nelle bande di frequenza da 2400 a 2483 MHz.
- L'uso di questo dispositivo negli ambienti interni è limitato nelle bande da 5,15 a 5,35 GHz (canali 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Maltese

Avviż għall-utenti ta' Wireless LAN Mini PCI Express Card, installata minn qabel minn Lenovo

Restrizzjoni fuq il-faxxa tal-frekwenza ta' I-UE

- Dan l-apparat huwa maħsub għal użu fuq ġewwa fil-faxxa ta' frekwenza 2400 sa 2483 MHz.
- L-użu ta' dan l-apparat huwa limitat għal użu fuq ġewwa fil-faxxa 5.15 sa 5.35 GHz (kanali 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Romanian

Anunț pentru utilizatorii adaptoarelor Wireless LAN Mini PCI Express Card, preinstalate de Lenovo

Restricțiile UE cu privire la banda de frecvențe

- Acest dispozitiv este conceput pentru utilizarea în spații închise, în banda de frecvențe cuprinsă între 2400 și 2483 MHz.
- Utilizarea acestui dispozitiv este permisă numai în spații închise, în banda de frecvențe cuprinsă între 5,15 și 5,35 GHz (canalele 36, 40, 44, 48, 52, 56, 60, 64).

Notice for users in Bulgarian

Уведомление за потребителите на предварително инсталираната от Lenovo карта Mini PCI Express за безжична мрежа

Честотни ограничения в ЕС

- Това устройство е предназначено за употреба на закрито в честотния обхват от 2400 до 2483 MHz.
- Използването на това устройство е ограничено до работа на закрито в честотния обхват от 5,15 до 5,35 GHz (каналите 36, 40, 44, 48, 52, 56, 60, 64).

Lenovo Regulatory Notice
Notice for users in Pakistan

For model: BCM92046, BCM94312MCG, 512AG_MMW

Pakistan Telecommunication Authority (PTA) approved

Notice for users in Ukraine

For models: BCM92046, BCM94312MCG, 512AG_MMW



Notice for users in Morocco

For model: 512AN_MMW

The operation of this product in the radio channel 2 (2417 MHz) is not authorized in the following cities: Agadir, Assa-Zag, Cabo Negro, Chaouen, Goulmima, Oujda, Tan Tan, Taourirt, Taroudant and Taza.

The operation of this product in the radio channels 4, 5, 6 et 7 (2425 - 2442 MHz) is not authorized in the following cities: Aéroport Mohamed V, Agadir, Aguelmous, Anza, Benslimane, Béni Hafida, Cabo Negro, Casablanca, Fès, Lakkab, Marrakech, Merchich, Mohammédia, Rabat, Salé, Tanger, Tan Tan, Taounate, Tit Mellil, Zag.

Due to the channel restrictions above, the operation of this product using the fat channel mode (40MHz of channel bandwidth) is not allowed at the 2.4GHz frequency band.

Notice for users in Brazil

For model: 512AN_MMW



INTEL
512AN MMW

ANATEL
Agência Nacional de Telecomunicações

0800-08-2198



(01) 07898355950018

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

For model: BCM94312MCG



ANATEL
Agência Nacional de Telecomunicações

1558-07-1869



(01) 0789 834989 214 0

BCM94312MCG WMIB-271G V00-A

For model: BCM92046



ANATEL
Agência Nacional de Telecomunicações

1434-08-2859



(01) 0789 834989 294 2

For models: 512AN_MMW, BCM94312MCG and BCM92046

Portuguese	Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário
English	This equipment is a secondary type device, that is, it is not protected against harmful interference, even if the interference is caused by a device of the same type, and it also cannot cause any interference to primary type devices.

For model: BCM94312MCG

الرقم
التاريخ
Date
المرفقات
Attached

هيئة الاتصالات وتقنية المعلومات
Communications and Information Technology Commission
الشؤون الفنية

السادة شركة PCS

تحية طيبة وبعد

إشارة إلى خطابكم الوارد لنا بالتاريخ 11/13/2009م بخصوص طلب اعتماد نوعية الجهاز Broadcom
802.11g WLAN PCI-E Minicard من الموديل BCM94312MCG من إنتاج شركة
Broadcom Corporation

أود الإفادة بأنه لا مانع من تمديد اعتماد الجهاز المشار إليه أعلاه، شريطة الالتزام بالضوابط التالية:
1- أن يعمل الجهاز على التردد (2400-2484) ميجا هرتز وبقدرة خرج قصوى (100) مللي وات .
2- عدم احتلية من يبيع هذه الأجهزة ومن يستخدمها في الخلية بأي حماية من التداخلات التي قد
تعرض لها خدمته من الخدمات اللاسلكية الأخرى أو الأنظمة المماثلة، وبأن نفس الوقت لا تسبب
لتداخل على الاستخدامات الأخرى أو الأنظمة المماثلة.
3- التزام المستخدم بالتوقف عن استخدام ترددات هذا النطاق في أي وقت أو في أي موقع تراء الهيئة
مع عدم تحميل الهيئة لأي مسؤولية ترتب على ذلك. وعلى الشركة أخذ تعهد بكتفا على الجهة
التي تستخدم هذه الأجهزة سواء حكومية أو قطاع خاص بالموافقة على هذه الشروط قبل
توريد هذه الأجهزة لها وتتحمل الشركة أي لتفسير في ذلك.

علماً بأن سريان هذه الموافقة سنة واحدة من تاريخ خطابنا هذا، ويجب التقدم إلى الهيئة بطلب
تجديد استيراد هذه الأجهزة بعد انتهاء سريان هذه الموافقة، ولا تعتبر هذه الوثيقة شهادة اعتماد نوعية، ولا
موافقة على فتح الأجهزة المشار إليها أعلاه، بل هي موافقة مبدئية على استيرادها، ويجب التقدم إلى الهيئة
من قبل المستورد بطلب لفتح الأجهزة وقت وصولها إلى أحد المنافذ الجمركية.

ولكم تحياتي

نائب المحافظ للشؤون الفنية
4/13/09
المهندس/عبدالله بن عبد العزيز الغضنبر

For model: BCM92046

الرقم: ٦٤٤
 المراجع: ٦٤٤
 المرفقات: Attached

هيئة الاتصالات وتقنية المعلومات
 Communication and Information Technology Commission
 الشؤون الفنية

**السادة شركة PCS
 بعد التحية**

أشير إلى خطاباتكم في التاريخ ٢٠٠٩/٠١/١٣ بخصوص طلب الموافقة على استيراد USB Bluetooth Module من شركة Hon Hai Precision Ind. Co. Ltd. من الموديل BCM92046.

أود الإشارة أنه لا مانع لدينا من الموافقة على استيراد هذا الجهاز من الموديل المشار إليه أعلاه لمدة سنة من تاريخ خطابتنا هذا، ويجب التقدم إلى الهيئة بطلب تجديد استيراد هذا الجهاز بعد انتهاء مدة سريان هذه الموافقة في حال رغبة الشركة بذلك شريطة الالتزام بالضوابط التالية:

- ١- أن تعمل الأجهزة على التردد (٢٤٠٠-٢٤٨٣.٥) ميغاهرتز بقدرة خرج قصوى (١٠) مللي وات.
- ٢- عدم أخفية من يبيع هذه الأجهزة ومن يستخدمها في المطابقة بأي حماية من التداخلات التي قد تتعرض لها خدمته من الخدمات اللاسلكية الأخرى أو الأنظمة المماثلة، وفي نفس الوقت لا تسبب تداخلاً على الاستخدامات الأخرى أو الأنظمة المماثلة.
- ٣- إلزام المستخدم بالتوقف عن استخدام ترددات هذا النطاق في أي وقت أو في أي موقع تراه الهيئة مع عدم تحمل الهيئة لأي مسؤولية ترتب على ذلك، وعلى الشركة أخذ تعهد كتابي على الجهة التي تستخدم هذه الأجهزة سواء مكاتلت حكومية أو قطاع خاص بالموافقة على هذه الشروط قبل توريد هذه الأجهزة لها وتتحمل الشركة أي تفسير في ذلك.

علماً بأن هذه الوثيقة لا تعتبر اعتماداً لتوعية الأجهزة المشار إليها أعلاه ولا موافقة على فتحها، بل هي موافقة مبدئية على استيراد الأجهزة، فكما أن هذه الموافقة قد صدرت عن الهيئة بناءً على المعلومات المتاحة لها والتي وفرها الجهة المستوردة عن الأجهزة المطلوب استيرادها وقت صدور هذه الموافقة، ولا يجوز استخدام أو حيازة الأجهزة أو المتاجرة بها بصورة تخالف أحكام وأنظمة هيئة الاتصالات وتقنية المعلومات والأنظمة الأخرى ذات العلاقة المعمول بها في المملكة، وتتحمل الجهة المستوردة وحدها المسؤولية عن أية أضرار أو خسائر أو إصابات قد تنشأ عن حيازة أو استخدام هذه الأجهزة أو المتاجرة بها، ويجب التقدم إلى الهيئة من قبل المستوردة بطلب لفتح الأجهزة وقت وصولها إلى أحد المنافذ الجمركية.

وتقبلوا تحياتي

رئيس المحافظ للشؤون الفنية
 المهندس/عبدالله بن عبد العزيز الضراب

Notice for users in UAE

For model: BCM94312MCG



ETISALAT PERMIT NO.:
ER-GEN-04-0034-0053

For model: BCM92046



ETISALAT PERMIT NO.:
0014512/08

For model: 512AN_MMW



ETISALAT PERMIT NO.:
ER-GEN-04-0012-0009

Lenovo Regulatory Notice (AP&AZ)

Notice for users in India

For model: BCM92046

ETA-124/2008

For model: BCM94312MCG

EAT-145/2007

For model: 512AN_MMW

ETA-206/2008

Notice for users in Indonesia

For model: BCM92046

POSTEL
08686/POSTEL/2008
2029

For model: BCM94312MCG

POSTEL
08683/POSTEL/2007
2029

For model: 512AN_MMW

POSTEL
08682/POSTEL/2008
2029

Users in Indonesia must never configure any channels in the 5GHz band, it is strictly forbidden. Due to this restriction, users must only select any channels on 2.4 GHz 11Mbps (802.11b) or 2.4GHz 54 Mbps (802.11g) wireless mode when configuring their Profile Management with Lenovo Access Connections program (in any Infrastructure or Adhoc Mode).

Notice for users in Malaysia

For model: BCM92046
Complies with SIRIM
Registration number: SQASI/NA/08/0861
For model: BCM94312MCG
Complies with SIRIM
Registration number: SQASI/NA/07/2179
For model: 512AN_MMW
Complies with SIRIM
Registration number: SQASI/NA/08/0835

Notice for users in the Philippines

For model: BCM94312MCG



NTC

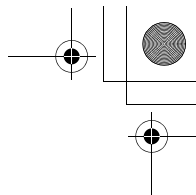
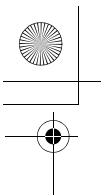
Type Accepted
ESD-0703169C

For model: BCM92046



NTC

Type Accepted
ESD-0803538C

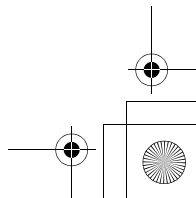
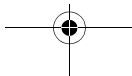
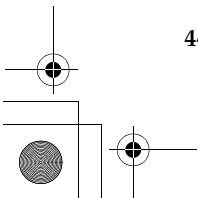
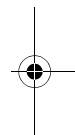


For model: 512AN_MMW



NTC

Type Accepted
ESD-0803606C



Notice for users in Singapore

For model: BCM92046

Complies with
IDA Standards
DA103861

For model: 512AN_MMW

Complies with
IDA Standards
DB02941

For model: BCM94312MCG

Complies with
IDA Standards
DA102889

**OPERATING CONDITIONS UNDER WHICH THE
RADIOCOMMUNICATION EQUIPMENT ARE EXEMPTED
FROM LICENSING**

To maximize frequency sharing while minimizing radio interference, the following operating conditions are imposed to confine the propagation of radio signals within a building or at a localised site:

- a) The radiocommunication equipment shall be used for in-building or localised on-site operations;
- b) The radiocommunication equipment shall operate at frequencies or frequency bands designated by IDA on non-exclusive basis;
- c) The radiocommunication equipment shall not operate beyond the maximum permissible output power designated by IDA to confine the propagation of radio signals to a small localised area;
- d) For an on-site localised operation with little obstruction by the nearby buildings or terrain, height of any external antenna, if installation approved by IDA, shall not be more than 10 metres above ground level to limit the radio wave propagation; and
- e) No repeater station shall be used to extend the radio coverage.

Notice for users in Taiwan

For models: BCM92046, 512AN_MMW, BCM94312MCG

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Lenovo 3000 の内蔵アダプターを日本国内でご使用になる際の注意

日本国内で無線 LAN アダプターおよび Bluetooth アダプターをご使用になる場合の注意

本製品が装備する無線アダプターは電波法および電気通信事業法により技術基準認証を取得している下記の機器です。

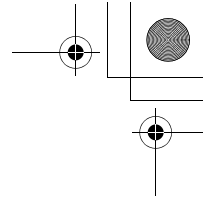
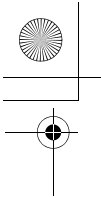
無線 LAN アダプターの場合

認証製品名 :	BCM94312MCG	512AN_MMW
認証申請者名 :	Broadcom Corporation	Intel Corporation
認証番号 :	003GZA075100	003WWA080155
	003WWA075099	003XWA080156
		003YWA080157
		D080241003

Bluetooth アダプターの場合

認証製品名 :	BCM92046
認証申請者名 :	HON HAI Precision IND.CO.,LTD
認証番号 :	003WWA080213

本製品に組み込まれた無線設備を他の機器で使用する場合は、当該機器が上記と同じく認証を受けていることをご確認ください。認証されていない機器での使用は、電波法の規定により認められていません。



日本国内で Lenovo3000 を使用する際の注意

(5 GHz の場合)

ご使用の Lenovo 3000 に IEEE802.11a/n 準拠の無線機器が搭載されている場合は、5.15-5.35 GHz 周波数帯での使用は、電波法の規定により屋内に限られます（屋外での使用は禁じられています）。

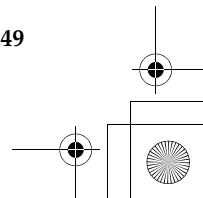
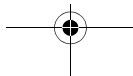
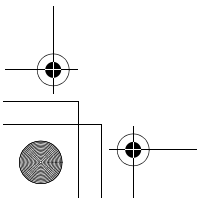
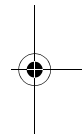
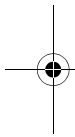
(2.4 GHz の場合)

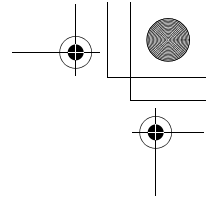
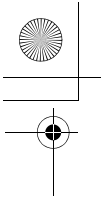
この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）および特定小電力無線局（免許を要しない無線局）並びにアマチュア無線局（免許を要する無線局）が運用されています。

1. この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局並びにアマチュア無線局が運用されていないことを確認してください。
2. 万一、この機器から移動体識別用の構内無線局に対して電波干渉の事例が発生した場合には、速やかに使用周波数を変更するかまたは電波の発射を停止した上で、下記連絡先にご連絡頂き、混信回避のための処置等についてご相談ください。
3. その他、この機器からの移動体識別用の特定小電力無線局あるいはアマチュア無線局に対して有害な電波干渉の事例が発生した場合など何かお困りのことが起きたときには、次の連絡先にお問い合わせください。

連絡先：スマートセンター（スマートセンターのご利用方法は、次のホームページでご確認頂けます。

<http://www.ibm.com/jp/pc/support/contact/smartctr/>





無線 LAN アダプター (IEEE802.11b/g 準拠) の場合



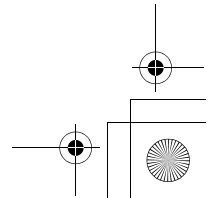
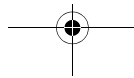
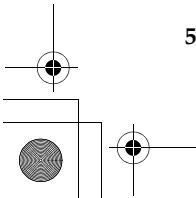
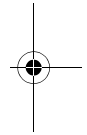
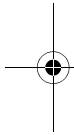
この機器が、2.4GHz 周波数帯 (2400 から 2483.5MHz) を使用する直接拡散 (DS) 方式および直交周波数分割多重方式 (OFDM) の無線装置で、干渉距離が約 40m (定格出力 10mW/MHz) であることを意味しています。

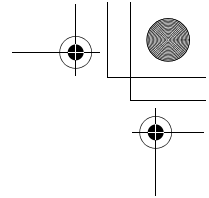
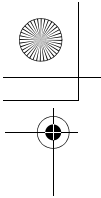
Bluetooth アダプターの場合



この機器が、2.4GHz 周波数帯 (2400 から 2483.5MHz) を使用する周波数ホッピング (FH) 方式の無線装置で、干渉距離が約 10m であることを意味します。

以上の内容は、「社団法人 電波産業会」ARIB STD-T66 の主旨に基づくものです。





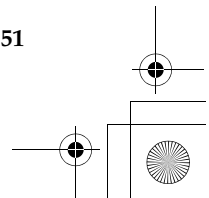
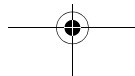
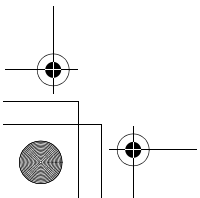
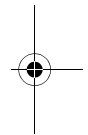
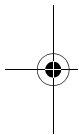
無線 LAN 製品ご使用時におけるセキュリティに関するご注意

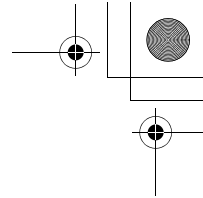
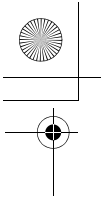
無線 LAN では、LAN ケーブルを使用する代わりに、電波を利用してパソコン等と無線アクセスポイント間で情報のやり取りを行うため、電波の届く範囲であれば自由に LAN 接続が可能であるという利点があります。その反面、電波はある範囲内であれば障害物（壁等）を越えてすべての場所に届くため、セキュリティに関する設定を行っていない場合、以下のような問題が発生する可能性があります。

- ・ 通信内容を盗み見られる 悪意ある第三者が、電波を故意に傍受し、
 - ID やパスワード又はクレジットカード番号等の個人情報
 - メールの内容等の通信内容を盗み見られる可能性があります。
- ・ 不正に侵入される 悪意ある第三者が、無断で個人や会社内のネットワークへアクセスし、
 - 個人情報や機密情報を取り出す（情報漏洩）
 - 特定の人物になりすまして通信し、不正な情報を流す（なりすまし）
 - 傍受した通信内容を書き換えて発信する（改ざん）
 - コンピュータウイルスなどを流しデータやシステムを破壊する（破壊）などの行為をされてしまう可能性があります。

本来、無線 LAN カードや無線アクセスポイントは、これらの問題に対応するためのセキュリティの仕組みを持っていますので、無線 LAN 製品のセキュリティに関する設定を行って製品を使用することで、その問題が発生する可能性は少なくなります。

セキュリティの設定を行わないで使用した場合の問題を充分理解した上で、お客様自身の判断と責任においてセキュリティに関する設定を行い、製品を使用することをお奨めします。





Notice for users in Korea

For models: BCM92046, BCM94312MCG, 512AN_MMW

Please note that this device has been certified for residential use and may be used in any environment.

당해 무선설비는 운용중 전파혼신 가능성이 있음.

(It means that this wireless device may cause radio wave interference during operation)

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