

# Lenovo

TB-X104F

Regulatory Notice v1.0

# Lenovo Regulatory Notice

## ■ Read first — regulatory information

Read this document before using your device. This device complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Install and use your device according to the following instructions.

The latest version of this Regulatory Notice has also been uploaded on the Lenovo Support Web site. To refer to it, go to <http://support.lenovo.com/>, and then click Guides & Manuals.

Lisez ce document avant d'utiliser votre appareil . Cet appareil est conforme aux normes d'un pays ou d'une région fréquence radio et de sécurité dans laquelle il a été approuvé pour une utilisation sans fil. Installez et utilisez votre appareil en suivant les instructions suivantes .

La dernière version de cet avis de la réglementation a également été téléchargé sur le site Web de support Lenovo . Pour la consulter , allez à <http://support.lenovo.com/> , puis cliquez sur Guides et manuels .

## ■ USA — Federal Communications Commission (FCC)

### I. Integrated WLAN & Bluetooth function

- FCC ID: **O57TBX104F**

Wireless LAN function 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 antenna conforms to the FCC limit of the SAR (specific absorption rate) requirement regarding 47 CFR Part 2 section 1093.

#### ii) FCC ID of wireless function:

The FCC ID for the Integrated WLAN & Bluetooth function is indicated on the label affixed on the bottom side of your device.

#### iii) Radio Frequency interference requirements:

- This product has been tested and found to comply with the limits for a Class B digital device pursuant to FCC Part 15 Subpart B and C.

## **II. Simultaneous use of RF transmitters**

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

1. When you use any other RF option device, all other wireless features including the above integrated devices in your Lenovo device 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- Innovation, Science and Economic Development**

### **Canada (ISED)**

#### **I) Integrated WLAN & Bluetooth function**

- IC: **10407A-TBX104F**

Wireless LAN Integrated WLAN & Bluetooth function marketed in the USA and Canada do not support nor function in the extended channels (12ch, 13ch).

The IC number for the Integrated WLAN & Bluetooth function is indicated on the label affixed on the bottom side of your device.

#### **II) Low power license-exempt radio communication devices (RSS-247):**

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.

#### **III) Exposure of humans to RF fields (RSS-102):**

Lenovo products 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](http://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 5 clause 4.2.

#### **Numéro d'homologation IC**

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

- IC: **10407A-TBX104F**

Fonction LAN sans fil WLAN et Bluetooth intégré commercialisé aux Etats-Unis et le Canada ne prend pas en charge ni fonction dans les canaux étendus (12CH, 13CH).

Le numéro IC pour la fonction WLAN et Bluetooth intégré est indiqué sur l'étiquette apposée sur le côté bas de votre appareil.

## **II) Remarque relative aux appareils de communication radio de faible puissance sans licence (CNR-247):**

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.

## **III) Exposition des êtres humains aux champs radioélectriques (RF) (CNR-102):**

Produits Lenovo emploient antennes à gain faible intégrales qui ne émette pas de champ RF dépassant les limites de Santé Canada pour la population générale ; consultez le Code de sécurité 6, disponible sur le site Web de Santé Canada à [www.hc-sc.gc.ca/rpb](http://www.hc-sc.gc.ca/rpb)

L'énergie rayonnée par les antennes reliées aux adaptateurs sans fil conforme à la limite IC de l'exigence de l'exposition aux RF IC concernant RSS - 102 , Issue 5 clause 4.2

## **■ Electronic emission notices for North America**

### **Federal Communications Commission (FCC) Compliance Information**

- FCC ID: **O57TBX104F**

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

For model: **Lenovo** TB-X104F



*BG*

С настоящото [Lenovo PC HK Limited] декларира, че този тип радиосъоръжение [Lenovo TB-X104F] е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*CS*

Tímto [Lenovo PC HK Limited] prohlašuje, že typ rádiového zařízení [Lenovo TB-X104F] je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*DA*

Hermed erklærer [Lenovo PC HK Limited] , at radioudstyrstypen [Lenovo TB-X104F] er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*DE*

Hiermit erklärt [Lenovo PC HK Limited] , dass der Funkanlagentyp [Lenovo TB-X104F] der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*EL*

Με την παρούσα ο/η [Lenovo PC HK Limited] , δηλώνει ότι ο ραδιοεξοπλισμός [Lenovo TB-X104F] πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*EN*

Hereby, [Lenovo PC HK Limited] declares that the radio equipment type [Lenovo TB-X104F] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*ES*

Por la presente, [Lenovo PC HK Limited] declara que el tipo de equipo radioeléctrico [Lenovo TB-X104F] es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*ET*

Käesolevaga deklareerib [Lenovo PC HK Limited] , et käesolev raadioseadme tüüp [Lenovo TB-X104F] vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on

kättesaadav järgmisel internetiaadressil:  
[[Http://www3.lenovo.com/us/en/social\\_responsibility/EU\\_DoC\\_tablets](http://www3.lenovo.com/us/en/social_responsibility/EU_DoC_tablets)]

*FI*

[Lenovo PC HK Limited] vakuuttaa, että radiolaitetyyppi [Lenovo TB-X104F] on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:  
[[Http://www3.lenovo.com/us/en/social\\_responsibility/EU\\_DoC\\_tablets](http://www3.lenovo.com/us/en/social_responsibility/EU_DoC_tablets)]

*FR*

Le soussigné, [Lenovo PC HK Limited] , déclare que l'équipement radioélectrique du type [Lenovo TB-X104F] est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:  
[[Http://www3.lenovo.com/us/en/social\\_responsibility/EU\\_DoC\\_tablets](http://www3.lenovo.com/us/en/social_responsibility/EU_DoC_tablets)]

*HR*

[Lenovo PC HK Limited] ovime izjavljuje da je radijska oprema tipa [Lenovo TB-X104F] u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: [[Http://www3.lenovo.com/us/en/social\\_responsibility/EU\\_DoC\\_tablets](http://www3.lenovo.com/us/en/social_responsibility/EU_DoC_tablets)]

*HU*

[Lenovo PC HK Limited] igazolja, hogy a [Lenovo TB-X104F] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:  
[[Http://www3.lenovo.com/us/en/social\\_responsibility/EU\\_DoC\\_tablets](http://www3.lenovo.com/us/en/social_responsibility/EU_DoC_tablets)]

*IT*

Il fabbricante, [Lenovo PC HK Limited] , dichiara che il tipo di apparecchiatura radio [Lenovo TB-X104F] è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:  
[[Http://www3.lenovo.com/us/en/social\\_responsibility/EU\\_DoC\\_tablets](http://www3.lenovo.com/us/en/social_responsibility/EU_DoC_tablets)]

*LT*

Aš, [Lenovo PC HK Limited] , patvirtinu, kad radijo įrenginių tipas [Lenovo TB-X104F] atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:  
[[Http://www3.lenovo.com/us/en/social\\_responsibility/EU\\_DoC\\_tablets](http://www3.lenovo.com/us/en/social_responsibility/EU_DoC_tablets)]

*LV*

Ar šo [Lenovo PC HK Limited] deklarē, ka radioiekārta [Lenovo TB-X104F] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:  
[[Http://www3.lenovo.com/us/en/social\\_responsibility/EU\\_DoC\\_tablets](http://www3.lenovo.com/us/en/social_responsibility/EU_DoC_tablets)]

*NL*

Hierbij verklaar ik, [Lenovo PC HK Limited] , dat het type radioapparatuur [Lenovo TB-X104F]

conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*PL*

[Lenovo PC HK Limited] niniejszym oświadcza, że typ urządzenia radiowego [Lenovo TB-X104F] jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*PT*

O(a) abaixo assinado(a) [Lenovo PC HK Limited] declara que o presente tipo de equipamento de rádio [Lenovo TB-X104F] está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*RO*

Prin prezenta, [Lenovo PC HK Limited] declară că tipul de echipamente radio [Lenovo TB-X104F] este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*SK*

[Lenovo PC HK Limited] týmto vyhlasuje, že rádiové zariadenie typu [Lenovo TB-X104F] je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*SL*

[Lenovo PC HK Limited] potrjuje, da je tip radijske opreme [Lenovo TB-X104F] skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*SV*

Härmed försäkrar [Lenovo PC HK Limited] att denna typ av radioutrustning [Lenovo TB-X104F] överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*IS*

[Lenovo PC HK Limited] lýsir yfir að radióbúnaður gerð [Lenovo TB-X104F] er í samræmi við tilskipun 2014/53/EU. Heildartexta EU samræmisýfirlýsing er í boði á eftirfarandi veffangi: [Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]

*NO*

[Lenovo PC HK Limited] erklærer at radioutstyret av typen [Lenovo TB-X104F] er i samsvar med direktivet 2014/53/EU. Den fulle teksten til EUs samsvarserklæring finnes på følgende internettadresser:

[Http://www3.lenovo.com/us/en/social\_responsibility/EU\_DoC\_tablets]



YOUR MOBILE DEVICE MEETS INTERNATIONAL  
GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by an independent scientific organization (ICNIRP) and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2W/kg. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the ICNIRP guidelines for your device model are listed below:

Maximum SAR for this model and conditions under which it was recorded.			
Europe 10g SAR Limit (2.0 W/kg)	Body-worn	Wi-Fi, Bluetooth	0.52W/kg

During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call.

The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body.

YOUR MOBILE DEVICE MEETS FCC AND IC  
LIMITS FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) adopted by the Federal Communications Commission (FCC) and Industry Canada (IC). These limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6W/kg.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the FCC and IC guidelines for your device model are listed below:

Maximum SAR for this model and conditions under which it was recorded.			
FCC 1g SAR Limit(1.6W/kg)	Body-worn	Wi-Fi, Bluetooth	1.01W/kg
Chile 1g SAR Limit(1.6W/kg)	Body-worn	Wi-Fi, Bluetooth	1.01W/kg

During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call.

The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body.

New World. New Thinking. <sup>TM</sup>

[www.lenovo.com](http://www.lenovo.com)