



Lenovo TB8506F Portable Tablet Computer User Guide

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Lenovo TB-8506F 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.

- **USA – Federal Communications Commission (FCC)**

I. Integrated WLAN & Bluetooth function

- FCC ID: O57TB8506F

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 and E

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: 1047A-TB8506F

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.

Usage of this device is limited to indoor in the band 5150-5250MHz

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

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.

• Electronic emission notices for North America

Federal Communications Commission (FCC) Supplier's Declaration of Conformity

The following information refers to Lenovo TB-8506F, machine type: ZA87

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 using other than recommended cables and connectors or 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
7001 Development Drive
Morrisville, NC 27560
Email: FCC@lenovo.com

For model: Lenovo TB-8506F

• European Union (EU) / United Kingdom (UK) compliance

UK Declaration of Conformity



Hereby, Lenovo (Singapore) Pte. Ltd., declares that the wireless equipment listed in this document is in compliance with the UK Radio Equipment Regulations SI 2017 No. 1206.

The full text of the system UK declaration of conformity is available at the following Internet address:
<https://www.lenovo.com/us/en/compliance/uk-doc>

UK Frequency band restriction for wireless LAN

Usage of this device is limited to indoor use in the WLAN band 5150 - 5350 Mhz.

UK RF Exposure information

This device meets the EU requirements and the International Commission on Non-Ionizing Radiation Protection (ICNIRP) guidelines for general public's exposure to electromagnetic fields. To comply with the RF exposure requirements, refer to the Setup Guide for your product for the minimum safe-operating separation distance and SAR values.

EU Declaration of Conformity



Hereby, Lenovo (Singapore) Pte. Ltd., declares that the wireless equipment listed in this document is in compliance with the EU Radio Equipment Directive 2014/53/EU.

The full text of the system EU Declaration of Conformity is available at the following Internet address:
<https://www.lenovo.com/us/en/compliance/eu-doc>

EU Frequency band restriction for wireless LAN

Usage of this device is limited to indoor use in the WLAN band 5150 - 5350 Mhz.

EU RF Exposure information

This device meets the EU requirements and the International Commission on Non-Ionizing Radiation Protection (ICNIRP) guidelines for general public's exposure to electromagnetic fields. To comply with the RF exposure requirements, refer to the Setup Guide for your product for the minimum safe-operating separation distance and SAR values.

Hereby, Lenovo PC HK Limited declares that the radio equipment type Lenovo TB-8506F is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://support.lenovo.com> Usage of this device is limited to indoor in the band 5150 to 5350 MHz (channels 36, 40, 44, 48, 52, 56, 60, 64).

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	WLAN, Bluetooth	0.923W/Kg
Europe 10g SAR Limit (4.0 W/kg)	Limb	WLAN, Bluetooth	0.923W/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	WLAN, Bluetooth	1.19W/Kg
Chile 1g SAR Limit(1.6W/kg)	Body	WLAN, Bluetooth	1.19W/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.

For model: Lenovo TB-8506F

Table 1. LAN / Bluetooth

Lenovo (Shanghai) Electronics Technology Co., Ltd	Lenovo TB-8506F	RXXX-XXXX DXX-XXXX
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Documents / Resources

	Lenovo TB8506F Portable Tablet Computer [pdf] User Guide TB8506F, O57TB8506F, TB8506F Portable Tablet Computer, TB8506F, Portable Tablet Computer
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