

TB336FU

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/>, TB336FU 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/> , TB336FU, puis cliquez sur Guides et manuels .

■ USA — Federal Communications Commission (FCC)

I. Integrated WLAN & Bluetooth function

- FCC ID: O57TB336FU

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, 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-TB336FU

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 to reduce potential for harmful interference to co-channel Mobile Satellite systems.

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 <https://www.hc-sc.gc.ca/> .

The radiated energy from the antennas connected to the wireless adapters conforms to the Canada Portable RF exposure limit regarding ISED RSS-102 Issue 6, Section 5

Numéro d'homologation IC

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

- IC: 10407A-TB336FU

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.

L'utilisation de cet appareil est limitée à l'intérieur dans la bande 5150-5250 MHz afin de réduire le risque de brouillage préjudiciable aux systèmes de satellites mobiles co-canal.

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 <https://www.hc-sc.gc.ca/> .

L'énergie rayonnée provenant des antennes connectées aux adaptateurs sans fil est conforme à la limite d'exposition aux RF portatifs du Canada concernant le CNR-102 d'ISD, numéro 6, section 5

■ Electronic emission notices for North America

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

The following information refers to TB336FU , machine type:ZAFR, ZAFS

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
8001 Development Drive
Morrisville, NC 27560
Email: FCC@lenovo.com

For model:TB336FU

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

UK Declaration of Conformity



Hereby, Lenovo 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 following WLAN bands:

- 5150 – 5250Mhz (see Note 1 exception below)
- 5250-5350 MHz

Note 1: For the 5150 – 5250Mhz frequency band: If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure, or a fixed outdoor antenna.

EU Declaration of Conformity



English

Hereby, Lenovo 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 following WLAN bands:

- 5150 – 5250Mhz (see Note 1 exception below)
- 5250-5350 MHz

Note 1: For the 5150 – 5250Mhz frequency band: If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure, or a fixed outdoor antenna.

BG

С настоящото Lenovo декларира, че този тип радиосъоръжение TB336FU е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Използването на това устройство е ограничено до употреба на закрито в честотен диапазон 5150–5350 MHz .

CZ

Tímto Lenovo prohlašuje, že typ rádiového zařízení TB336FU je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Použití tohoto zařízení je omezeno na vnitřní prostory a pásmo 5 150–5 350 MHz .

DA

Hermed erklærer Lenovo, at radioudstyretypen TB336FU er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Brugen af dette apparat er begrænset til indendørs i båndet fra 5150 til 5350 MHz.

DE

Hiermit erklärt Lenovo, dass der Funkanlagentyp TB336FU der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Der Einsatz dieses Geräts ist beschränkt auf Innenräume sowie einen Frequenzbereich zwischen 5150 MHz und 5350 MHz .

EL

Με την παρούσα ο/η Lenovo, δηλώνει ότι ο ραδιοεξοπλισμός TB336FU πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Η χρήση αυτής της συσκευής περιορίζεται σε εσωτερικούς χώρους στη ζώνη 5150 με 5350 MHz .

EN

Hereby, Lenovo declares that the radio equipment type TB336FU 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://www.lenovo.com/us/en/compliance/eu-doc/>] Usage of this device is limited to indoor in the band 5150 to 5350 MHz .

ES

Por la presente, Lenovo declara que el tipo de equipo radioeléctrico TB336FU es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] El uso de este dispositivo se limita a interiores en la banda de 5.150 a 5.350 MHz .

ET

Käesolevaga deklareerib Lenovo , et käesolev raadioseadme tüüp TB336FU vastab direktiivi 2014/53/EL nõuetele. Eli vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Seade on kasutamiseks ainult siseruumides sagedusribas 5150 kuni 5350 MHz .

FI

Lenovo vakuuttaa, että radiolaitetyyppi TB336FU on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetiosoitteessa: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Tämän laitteen käyttö on rajoitettu sisätiloihin taajuusalueelle 5150-5350 MHz .

FR

Le soussigné, Lenovo , déclare que l'équipement radioélectrique du type TB336FU est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Ce dispositif est limité à une utilisation en intérieur dans la bande 5150-5350 MHz .

HR

Lenovo ovime izjavljuje da je radijska oprema tipa TB336FU u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Upotreba ovog uređaja ograničena je na zatvorene prostore u pojasu od 5150 do 5350 MHz .

HU

Lenovo igazolja, hogy a TB336FU típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] A készülék kizárólag beltéri használatra alkalmas az 5150–5350 MHz.

IT

Il fabbricante, Lenovo , dichiara che il tipo di apparecchiatura radio TB336FU è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Notkun á þessu tæki er takmörkuð innanhúss við tíðnisviðið 5150-5350 MHz .

LT

Aš, Lenovo, patvirtinu, kad radijo įrenginių tipas TB336FU atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Šio prietaiso naudojimas ribojamas – jį galima naudoti patalpų viduje 5150–5350 MHz.

LV

Ar šo Lenovo deklarē, ka radioiekārta TB336FU atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Šī ierīce paredzēta lietošanai iekšējās 5150-5350 MHz.

NL

Hierbij verklaar ik, Lenovo, dat het type radioapparatuur TB336FU conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Dit apparaat kan alleen binnenshuis worden gebruikt in de band 5150-5350 MHz.

PL

Lenovo niniejszym oświadcza, że typ urządzenia radiowego TB336FU jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Urządzenie to można używać tylko w pomieszczeniach oraz w paśmie od 5150 do 5350 MHz.

PT

O(a) abaixo assinado(a) Lenovo declara que o presente tipo de equipamento de rádio TB336FU está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] A utilização deste dispositivo está limitada a espaços interiores, nas bandas 5150-5350 MHz.

RO

Prin prezenta, Lenovo declară că tipul de echipamente radio TB336FU este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Utilizarea acestui dispozitiv este limitat la interior în banda 5.150 - 5.350 MHz.

SK

Lenovo týmto vyhlasuje, že rádiové zariadenie typu TB336FU je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: [<https://www.lenovo.com/us/en/compliance/eu-doc/>] Toto zariadenie možno používať len v interiéri v pásme 5 150 – 5 350 MHz.

SL

Lenovo potrjuje, da je tip radijske opreme TB336FU skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: [https://www.lenovo.com/us/en/compliance/eu-doc/] Uporaba te naprave je dovoljena v zaprtih prostorih v pasu 5150–5350 MHz.

SV

Härmed försäkrar Lenovo att denna typ av radioutrustning TB336FU överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: [https://www.lenovo.com/us/en/compliance/eu-doc/] Användning av denna enhet är begränsad till inomhus i bandet 5150-5350 MHz .

IS

Lenovo lýsir yfir að radióbúnaður gerð TB336FU er í samræ mi við tilskipun 2014/53/EU. Heildartexta EU samræ misyfirlýsing er í boði á eftirfarandi veffangi: [https://www.lenovo.com/us/en/compliance/eu-doc/] Notkun á þessu tæ ki er takmörkuð innanhúss við tíðnisviðið 5150-5350 MHz .

NO

Lenovo erklæ rer at radioutstyret av typen TB336FU er i samsvar med direktivet 2014/53/EU. Den fulle teksten til EUs samsvarserklæ ring finnes på følgende internettadresser: [https://www.lenovo.com/us/en/compliance/eu-doc/] Bruk av denne enheten er begrenset til innendørs på båndet 5150–5350 MHz .

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. 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/UK 10g SAR Limit (2.0 W/kg)	Body-worn (0mm)	WLAN, Bluetooth	1.559W/kg
Europe/UK 10g SAR Limit (4.0 W/kg)	Limb (0mm)	WLAN, Bluetooth	1.559W/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	WLAN, Bluetooth	0.80W/kg
Chile 1g SAR Limit(1.6W/kg)	Body-worn	WLAN, Bluetooth	0.80W/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: TB336FU

■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下記のとおり取得しています。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。

Table 1. 無線LAN / Bluetooth アダプター

認証申請者名	認証製品名	認証番号
Lenovo (Shanghai) Electronics Technology Co., Ltd	TB336FU	RXXX-XXXX DXX-XXXX

無線LANおよびBluetooth両用型の無線装置です。

(5 GHz の場合)

W52/W53は屋内使用限定(登録局との通信を除く)

(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: レノボ・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。[サポート電話窓口 - Lenovo Support JP](#))

For BT:

2.4FH8

Bluetooth アダプターの場合

この機器が、2.4 GHz 周波数帯 (2400 から 2483.5 MHz) 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 80 m であることを意味します。

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

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。

使用環境および快適に使用するために

無線LAN/Bluetoothアダプターは、ほかの無線装置のように無線周波数電磁波を発生します。しかしながら、これらの無線装置が発する電磁波が人体へ与える影響は、頭部等へ直接接触して使用される携帯電話などの 機器とは異なり、とても弱いレベルのもので

無線LAN/Bluetoothアダプターは、無線周波数に関する安全基準や勧告などのガイドラインに従って動作するもので、Lenovoは、消費者が内蔵ワイヤレス・カードを使用しても

安全であると考えます。これらの標準 および勧告は、科学者団体の合意や広範な研究文献を頻繁に検討、調査している科学者のパネルや委員会の 審議の結果を反映しています。

状況や環境によって、建物の所有者や組織の代表責任者が無線LAN/Bluetoothアダプターの使用を制限することがあります。たとえば、次のような場合や場所です。

- 飛行機の搭乗中、病院内、あるいはガソリンスタンド、(電気式発火装置のある) 爆発の危険のある場所、医療用インプラント、またはペースメーカーなどの装着式医療用電子機器の近くで、内蔵ワイヤレス・カードを使用すること。
- 他の装置や機能に対して有害と認識または確認されている妨害を起こす危険性がある場合。

特定の場所で (たとえば空港や病院など) ワイヤレス・デバイスの使用が許可されているかどうかはわからない場合は、Tablet の電源を入れる前に無線LAN/Bluetoothアダプターを使用してもよいかどうかをお尋ね ください。

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