



## Federal Communication Commission Interference Statement

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.

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 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 the dealer or an experienced radio/TV technician for help.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**Indoor Models (C-230/C-230E, C-250, C-260 and others):** The device is for indoor use only. Supported in 2412~2462, 5180~5240, 5260~5320, 5500~5720, 5745~5825MHz and operation in the 2412-2462, 5180~5240, 5260~5320, 5500~5720, 5745~5825MHz bands are restricted to indoor usage only.

This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

### IMPORTANT NOTE:

#### FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 25cm between the radiator & your body.

#### Professional Installation Instruction for Outdoor Models (O-235/O-235E)

1. **Professional installer:** this product is designed for specific application and needs to be installed by trained personnel. The general user shall not attempt to install or change the setting.
2. **External Antenna:** use only the antenna(s) that have been approved by the manufacturer. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power that may lead to the violation of FCC limit and is prohibited (**O-235E only**)
3. **Warning:** Please carefully select the installation position and ensure that the final output power does not exceed the limit set forth in relevant rules.

## Industry Canada Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

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

L' émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L' exploitation est autorisée aux deux conditions suivantes :

1. L' appareil ne doit pas produire de brouillage;
2. L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

### Caution:

- (i) The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- (ii) Where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

### Avertissement:

Le guide d' utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment :

- (i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l' intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
- (ii) lorsqu' il y a lieu, les types d' antennes (s' il y en a plusieurs), les numéros de modèle de l' antenne et les pires angles d' inclinaison nécessaires pour rester conforme à l' exigence de la p.i.r.e. applicable au masque d' élévation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.

### IMPORTANT NOTE:

#### IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 29cm between the radiator & your body.

Cet équipement est conforme aux limites d' exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 29cm de distance entre la source de rayonnement et votre corps.

The transmitter module may not be co-located with any other transmitter or antenna.

Le module émetteur peut ne pas être coïmplanté avec un autre émetteur ou antenne.

### **CAN ICES-3 (B)/NMB-3(B)**

The Country Code Selection feature is disabled for products marketed in the US/Canada.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

### **EXTERNAL ANTENNA MODEL SPECIFIC REQUIREMENTS**

#### **C-230E**

This radio transmitter [IC: 8252A-C230] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated.

Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Le présent émetteur radio [IC: 8252A-C230] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur.

Model	Antenna Type	Model Number	Antenna Gain (dBi)
C-230E	Dipole	98619PRSX020	2.4GHz : 2.70 5GHz : 5.23
	Dipole	98619PRSX020	2.4GHz : 2.70 5GHz : 5.23
	Dipole	98619PRSX020	2.4GHz : 2.70 5 GHz : 5.23
	Dipole	98619PRSX020	2.4GHz : 2.70 5GHz : 5.23
	Dipole	98619URSX002	5GHz : 5.32
	Dipole	98619URSX002	5GHz : 5.32

#### **O-235E**

This radio transmitter [IC: 8252A-C230] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated.

Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Le présent émetteur radio [IC: 8252A-C230] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur.

Model	Antenna Type	Model Number	Antenna Gain(dBi)
O-235E	Dipole	5718A0394300	2.4GHz : 5.5 5GHz : 7.2
	Dipole	5718A0394300	2.4 GHz : 5.5 5 GHz : 7.2
	Dipole	5718A0394300	2.4 GHz : 5.5 5 GHz : 7.2
	Dipole	5718A0394300	2.4 GHz : 5.5 5 GHz : 7.2
	Dipole	5718A0137300	5 GHz : 6.3
	Dipole	5718A0137300	5 GHz : 6.3

## Mexico-IFETEL Statement

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

## Hong Kong Statement

This equipment is restricted to indoor operation in 5.15 – 5.35 GHz in Hong Kong.

## Japan Statement

この装置には、電波法に基づく技術規則適合証明書の認定を受けた特定の無線装置が含まれています。

### English Translation:

This equipment contains specified radio equipment that has been certified to the Technical Regulation Conformity Certification under Radio Law.

## NCC Statement

低功率電波輻射性電機

管理辦法第二十一條  
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。使用此產品時應避免影響附近雷達系統之操作。

電磁波曝露量MPE 標準值1mW/cm<sup>2</sup>，建議使用時至少距離人體50公分

## Model Specific Compliance:

### For C-230/C-230E/O-235/O-235E:

電磁波曝露量MPE 標準值 $1\text{mW}/\text{cm}^2$ , 建議使用時至少距離人體25公分

#### Indoor C-230 and C-230E

- 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。
- 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。
- 無線資訊傳輸設備避免影響附近雷達系統之操作。

#### Outdoor O-235 and O-235E

- 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。
- 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。
- 無線資訊傳輸設備避免影響附近雷達系統之操作。
- 本器材須經專業工程人員安裝及設定，始得設置使用，且不得直接販售給一般消費者。

## Taiwan RoHS Statement

Taiwan RoHS information covered by this guide.

For Taiwan BSMI RoHS Table, go to <https://www.arista.com/assets/data/pdf/AristaBSMIRoHS.pdf>.

## UL Electrical Hazard Compliance information

#### Indoor C-230 and C-230E

- This equipment is to be connected to PoE networks or external ac adaptor without routing to the outdoor location
- Users shall not remove the ground pin of a power cord. This ground plug is a protective earthing used as a SAFEGUARD, as a means via a power cord to a socket-outlet with earthing connection.

#### Outdoor O-235 and O-235E

- Users shall not remove the ground pin of a power cord. This ground plug is a protective earthing used as a SAFEGUARD, as a means via a power cord to a socket-outlet with earthing connection.
- Only qualified personnel should perform installation procedures. Within the context of the safety notes in this documentation, qualified persons are defined as persons who are authorized to commission, protective grounding and label devices, systems, and circuits in accordance with established safety practices and standards. A qualified person understands the requirements and risks involved with installing outdoor electrical equipment in accordance with national codes.