

Model: WL11A

Operating Instructions

1 GENERAL

The purpose of this manual is to explain correct way how to integrate module WL11A to Panasonic PC. It includes procedures that shall assist you to avoid unforeseen problems. This manual presents information that shows how module complies with regulations in certain regions.

The system may only be implemented in the configuration that was authorized. Note that any changes or modifications to this equipment not expressly approved by Panasonic could void the user's authority to operate this equipment.

2. Frequency Scanning Plan

The EEPROM will be programmed at the factory to only operate and actively scan on these specific channels:

Channels 1-11, 2412-2462MHz 802.11b mode

Channels 1-11, 2412-2462MHz 802.11g mode

Channels 1-11, 2412-2462MHz 802.11n mode (20MHz channel)

Channels 3-9, 2422-2452MHz 802.11n mode (40MHz channel)

The following channels will be programmed at the factory to passively scan and will only listen and cannot send a probe request to initiate communication on these specific channels. Ad-hoc mode is always disabled on these passive channels.

Channels 36-48, 5180-5240MHz 802.11a mode

Channels 36-48, 5180-5240MHz 802.11n mode (20 MHz channel)

Channels 38-46, 5190-5230MHz 802.11n mode (40MHz channel)

Channels 52-64, 5260-5320MHz 802.11a mode

Channels 52-64, 5260-5320MHz 802.11n mode (20 MHz channel)

Channels 54-62, 5270-5310MHz 802.11n mode (40MHz channel)

Channels 100-140, 5500-5700MHz 802.11a mode

Channels 100-140, 5500-5700MHz 802.11n mode (20 MHz channel)

Channels 102-134, 5510-5670MHz 802.11n mode (40MHz channel)

Channels 149-165, 5745-5825MHz 802.11a mode

Channels 149-165, 5745-5825MHz 802.11n mode (20 MHz channel)

Channels 151-159, 5755-5795MHz 802.11n mode (40MHz channel)

This information when programmed into the EEPROM will not be accessible and can not be changed by the end user.

Regulatory Information

USA-Federal Communications Commission (FCC)

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.

Caution

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

This device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems. High power radars 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.

Labeling

The model WL11A is labelled as below.

FCC ID: ACJ9TGWL11A

The proposed with FCC ID label format is to be placed on the module. If FCC ID is not visible when the module is installed into the system, "Contains FCC ID: ACJ9TGWL11A" shall be placed on the outside of final host system.

Caution: Exposure to Radio Frequency Radiation.

To comply with FCC RF exposure compliance requirements, the antenna(s) used for this transmitter must not be collocated or operating in conjunction with any other antenna or transmitter within a host device, except in accordance with FCC multi-transmitter product procedures.

Canada-Industry Canada (IC)

This device complies with RSS 210 of Industry Canada.

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 this device.

L' utilisation de ce dispositif est autorisée seulement aux conditions suivantes :

- (1) il ne doit pas produire de brouillage et
- (2) l' utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

Caution

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

When using IEEE 802.11a wireless LAN, this device is restricted to indoor use due to its operation in the 5.15- to 5.25-GHz frequency range. Industry Canada requires this product to be used indoors for the frequency range of 5.15 GHz to 5.25 GHz to reduce the potential for harmful interference to co-channel mobile satellite systems. High power radar is allocated as the primary user 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 to this device.

Afin de réduire le risque d'interférence radioélectrique aux autres utilisateurs des bandes de fréquences, le type d'antenne et son gain doivent être tels que la puissance isotrope rayonnée équivalente (PIRE) n'est pas plus élevée que le niveau requis pour assurer la communication.

Cet appareil (pour réseaux locaux radioélectriques) dans les bandes de fréquences 5150-5250.MHz est rééervéàune utilisati-on àl'intérieur afin de réuire le risque d'interféence avec les systèmes satellites mobiles bicanaux. Les radars forte puissance sont désignés comme étant les pre-miers utilisateurs (c'st-à-dire qu'ils ont la priorité) des bandes de fréquences 5250-5350 MHz et 5650-5850 MHz. Ces stations ra-dars peuvent provoquer des interferences et/ou des

dommages à ce périphérique

Labeling

The model WL11A is labelled as below.

IC: 216A-CFWL11A

The proposed with FCC ID label format is to be placed on the module. If IC ID is not visible when the module is installed into the system, “Contains IC: 216A-CFWL11A” shall be placed on the outside of final host system.

Caution: Exposure to Radio Frequency Radiation.

To comply with IC RF exposure compliance requirements, the antenna(s) used for this transmitter must not be collocated or operating in conjunction with any other antenna or transmitter within a host device, except in accordance with IC multi-transmitter product procedures.