

OEM/Integrators Installation Manual

Important Notice to OEM integrators

1. This module is approved for OEM installation only.
2. This module is approved for operation in Convertible PC HSN-C09C only.
3. Additional testing and re-certification will be necessary when the conditions outlined in this OEM installation manual are not fully satisfied.
4. The host manufacturer is responsible for additional EMI/EMC testing to verify compliance as a composite system. When testing the host device for compliance with FCC Part 15 Subpart B/ISED ICES-003, the host manufacturer is required to show compliance while all the transmitter module(s) are installed and operating. The modules should be transmitting and the evaluation should confirm that the module's intentional emissions are compliant (i.e. fundamental and out of band emissions). The host manufacturer must verify that there are no additional unintentional emissions other than what is permitted in the rule(s) or emissions are complaint with the transmitter(s) rule(s).
5. For RF Exposure requirement: The host manufacturer must verify that the module continues to comply with the RF exposure limits for each host device. Preliminary assessment is normally required to determine if additional certification for RF Exposure is needed.

End Product Labeling

When the module is installed in the host device, the FCC/IC ID label must be visible through a window on the final device or it must be visible when an access panel, door or cover is easily re-moved. If not, a second label must be placed on the outside of the final device that contains the following text: "Contains FCC ID: B94-C09CWLM"; "Contains IC: 466X-C09CWLM "

The FCC ID/IC ID can be used only when all FCC/IC compliance requirements are met.

Antenna Installation

Only the same or equivalent-type as shown below may be used with this module. Other un-equivalent types of antennas may require additional authorization for operation. The equivalent type means the same type that results in similar in-band and out-of-band radiation patterns.

Antenna type	2.4GHz band Peak Gain (dBi)	5.2GHz band Peak Gain (dBi)	5.5GHz band Peak Gain (dBi)	5.8GHz band Peak Gain (dBi)
Couple	0.0	-1.51	-1.8	-3.34

Manual Information to the End User

The end user manual shall include all required regulatory notices as show in the following section.

Federal Communication Commission regulatory notice:

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.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment for operation in Convertible PC HSN-C09C only.

Industry Canada regulatory notice:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-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.

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.

Les dispositifs fonctionnant dans la bande de 5 150 à 5 250 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.

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

This equipment complies with ISSED radiation exposure limits set forth for an uncontrolled environment for operation in Convertible PC HSN-C09C only.

Cet équipement est conforme aux limites d'exposition aux rayonnements d'ISDE définies pour un environnement non contrôlé pour une utilisation sur un ordinateur portable HSN-C09C uniquement.