

## **User Manual**

Since this module is not sold to general end users directly, there is no user manual of module.

For the details about this module, please refer to the specification sheet of module.

This module should be installed in the host device according to the interface specification (installation procedure).

The following information must be indicated on the host device of this module;

**[for FCC]**

**Contains Transmitter Module FCC ID: N6C-SDMAN2**

or

**Contains FCC ID: N6C-SDMAN2**

**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.**

\*If it is difficult to describe this statement on the host device due to the size, please describe in the user's manual and also either describe on the device packaging or on a removable label attached to the device.

**[for ISED(IC)]**

**Contains IC: 4908A-SDMAN2**

The following statements must be described on the user manual of the host device of this module;

[for FCC]

**FCC CAUTION**

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

**Co-Location Rule**

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

**List of applicable FCC rules**

This device complies with below part 15 of the FCC Rules.

Part 15 Subpart C

Part 15 Subpart E

**Information on test modes and additional testing requirements**

silex technology, Inc. uses various test mode programs for test set up which operate separate from production firmware. Host integrators should contact silex technology, Inc. for assistance with test modes needed for module/host compliance test requirements.

The modular transmitter is only FCC authorized for the specific rule parts (i.e., FCC transmitter rules) listed on the grant, and the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification.

The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.

**Additional testing, Part 15 Subpart B disclaimer**

The modular transmitter is only FCC authorized for the specific rule parts (i.e., FCC transmitter rules) listed on the grant, and the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification.

The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.

**Summarize the specific operational use conditions**

This module designed for mounting inside of the end product by us professionally.

Therefore, it complies with the antenna and transmission system requirements of §15.203.

**RF exposure considerations**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

[for ISSED]

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.

for indoor use only

Pour usage intérieur seulement

This equipment complies with ISSED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISSED radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (※).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'ISDE. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le radiateur et le corps humain [※].

The following notice is not for end users but for the manufacturer of the host device.  
Therefore it isn't described on the user manual of the host device.

This radio transmitter (4908A-SDMAN2) 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.

| Antenna type | 2.4GHz Gain | 5GHz Gain | Impedance |
|--------------|-------------|-----------|-----------|
| PCB          | +2.8dBi     | +4.2dBi   | 50hms     |
| Chip         | +1.4dBi     | +2.3dBi   | 50hms     |
| PIFA         | +2.5dBi     | +3.5dBi   | 50hms     |
| Rod          | +2.0dBi     | +2.1dBi   | 50hms     |

Le présent émetteur radio (4908A-SDMAN2) 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.

| Type d'antenne | 2.4GHz Gain | 5GHz Gain | l'impédance |
|----------------|-------------|-----------|-------------|
| PCB            | +2.8dBi     | +4.2dBi   | 50hms       |
| Chip           | +1.4dBi     | +2.3dBi   | 50hms       |
| PIFA           | +2.5dBi     | +3.5dBi   | 50hms       |
| Rod            | +2.0dBi     | +2.1dBi   | 50hms       |