



# Silex Technology SXPCEAN2 PCI Express Half Mini Card WLAN Module User Manual

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## 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-SXPCEAN2**

or

**Contains FCC ID: N6C-SXPCEAN2**

**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 ISSED(IC)]

**Contains IC: 4908A-SXPCEAN2**

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. However, Co-Location is allowed for where two SX-PCEAN2 modules perform Co-Location.

#### **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.

for indoor use only


This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISED 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 (※).

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-SXPCEAN2) 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          | +1.8dBi     | +3.9dBi   | 50hms     |
| Rod          | +2.0dBi     | +2.1dBi   | 50hms     |

Documents / Resources

|   |   |
|---|---|
|  | <a href="#">Silex Technology SXPCEAN2 PCI Express Half Mini Card WLAN Module</a> [pdf] User Manual<br>SXPCEAN2, N6C-SXPCEAN2, N6CSXPCEAN2, SXPCEAN2, PCI Express Half Mini Card WL<br>AN Module |
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