



Silent technology SXNEWAH Embedded Wireless Module User Manual

[Home](#) » [silent technology](#) » Silent technology SXNEWAH Embedded Wireless Module User Manual 



User Manual

Since this module is not sold to general end-users directly, there is no user manual for the module. For the details about this module, please refer to the specification sheet for the module. This module should be installed in the host device according to the interface specification (installation procedure).

Contents

- [1 FCC Notice](#)
- [2 List of applicable FCC rules](#)
- [3 Additional testing, Part 15 Subpart B disclaimer](#)
- [4 FCC CAUTION](#)
- [5 ISED Notice](#)
- [6 Antenna Type](#)
- [7 Documents / Resources](#)
- [8 Related Posts](#)

FCC Notice

This device complies with Part 15 of 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.

List of applicable FCC rules

This device complies with part 15 of the FCC Rules.
Part 15 Subpart C

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 is designed for mounting inside of the end product by the end-product manufacturer 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 the person's body.

Co-Location Rule

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

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

Contains Transmitter Module FCC ID N6C-SXNEWAH

Or

Contains FCC ID N6C-SXNEWAH

FCC CAUTION

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

FCC CAUTION

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

Antenna List

Vender	Model No.	Antenna Type	Antenna Gain [dBi]
STAF	T16-062-1022	PCB	3.0
ethertronics	9000984-XLPDNB	ROD	3.
PSA (Walsin)	RFDPA131000SMRB801	ROD	3.
Index	AN0915-13D01BSM	ROD	2.00
Simon Technology	SME—G0900DEN	ROD	1.
Taoglas	IS.05.B.3010021	thread-mount	2.40

Limited module procedures

This module needs to supply a regulated voltage to VDDFEM from host device.

ISED Notice

This device contains license-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.

Label and compliance information

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

Contains Transmitter Module IC: 4908A-SXNEWAH

Or

Contains IC: 4908A-SXNEWAH

RF exposure considerations

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 the person's body.

Antenna Type


This radio transmitter (4908A-SXNEWAH) 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	Gain	Impedance
Rod Antenna	3.4dBi	50ohms
PCB Antenna	3.0dBi	50ohms
thread-mount Antenna	2.40dBi	50ohms

Limited module procedures

This module needs to supply a regulated voltage to VDDFEM from host device.

Documents / Resources

 <p> Silicon Labs <small>© 2018 Silicon Labs. All rights reserved. This document is the property of Silicon Labs. It contains confidential information and is not to be distributed outside of the company without the express written permission of Silicon Labs.</small> </p>	<p>Sillex technology SXNEWAH Embedded Wireless Module [pdf] User Manual SXNEWAH, N6C-SXNEWAH, N6CSXNEWAH, SXNEWAH, Embedded Wireless Module</p>
---	--