

silex technology 23BT BLE Module User Manual

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23BT BLE Module

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).

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

Test Modes

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

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 with 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.

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 as this equipment has very low levels of RF energy.

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-23BT

Or

Contains FCC ID N6C-23BT

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 aut

Antenna List

Vender	Model No.	Antenna Type	Antenna Gain [dBi]
Unictron	CW324S	CHIP (On board)	1.6
Unictron	H2B1PC1A1C (AA258)	PCB	2.9

ISED Notice

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

Les informations suivantes doivent être indiquées sur le périphérique hôte de ce module.

Contains Transmitter Module IC: 4908A-23BT

Or

Contains IC: 4908A-23BT

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 as this equipment has very low levels of RF energy.

Antenna Type

This radio transmitter (4908A-23BT) 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 from use with this device.

Antenna Type	Gain	Impedance
CHIP Antenna (On Board)	1.6dBi	50ohms
PCB Antenna	2.9dBi	50ohms

Documents / Resources

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