8 Regulatory Information

8.1 Declaration of Conformity

CE 0678 ①

We, **connectBlue AB**, of **Norra Vallgatan 64 3V**
SE-211 22 Malmö, Sweden

declare under our sole responsibility that our products:

cB-OBS421 (cB-0946), OEM Module Adapter III (cB-0068).

to which this declaration relates, conforms to the following product specifications:

R&TTE Directive 1999/5/EC:

Effective use of frequency spectrum:
EN 300 328 V1.7.1 (2006-10)

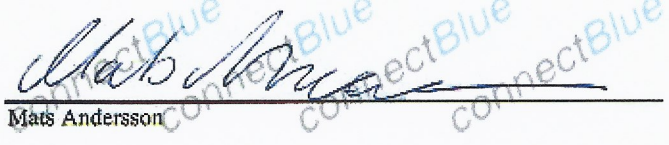
EMC:
EN 301 489-1 V1.8.1 (2008-04)
EN 301 489-17 V2.1.1 (2009-05)
EN 61000-6-2 (2005)

Health and safety:
EN 50371:2002
EN 60950-1:2006 + A11:2009 and/or IEC 60950-1:2005 (2nd Edition)

Medical Electrical Equipment

IEC 60601-1-2 (2007)

2011-08-30 Malmö, Sweden



CTO of connectBlue AB

If a cB-OBS421i/x is used within EU a notification must be made to each of the national authorities responsible for radio spectrum management of the intention to place radio equipment that uses frequency bands whose use is not harmonized throughout the EU, on its national market.
More information at: http://ec.europa.eu/comm/enterprise/rtte/gener.htm

8.2 Safety Compliance

In order to fulfill the safety standard EN 60950-1 the unit must be supplied by a limited power source.

8.3 FCC and IC Compliance

See the Product Variants section for information about the different product variants.

8.3.1 Compliance for cB-0946

8.3.1.1 FCC Statement for cB-0946

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.

NOTE

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 or more 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.

8.3.1.2 Antenna

Our module type cB-0946 is for OEM integrations only. The end-user product will be professionally installed in such a manner that only the authorized antennas are used.

8.3.1.3 Caution

Any changes or modifications NOT explicitly APPROVED by connectBlue AB could cause the module to cease to comply with FCC rules part 15, and thus void the user's authority to operate the equipment.

8.3.1.4 IC Compliance

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.

Le présent appareil est conforme aux CNR d'Industrie 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, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device has been designed to operate with an antenna having a maximum gain of 3.5 dBi.
Having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.
To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website www.hc-sc.gc.ca/rpb

8.3.1.5 Labeling Requirements for End Product

For an end product using the product cB-0946 there must be a label containing, at least, the following information:

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This device contains
FCC ID: PVH0946
IC: 5325A-0946
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The label must be affixed on an exterior surface of the end product such that it will be visible upon inspection in compliance with the modular approval guidelines developed by the FCC.

In accordance with 47 CFR § 15.19 the end product shall bear the following statement in a conspicuous location on the device:

"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."

When the device is so small or for such use that it is not practicable to place the statement above on it, the information shall be placed in a prominent location in the instruction manual or pamphlet supplied to the user or, alternatively, shall be placed on the container in which the device is marketed. However, the FCC ID label must be displayed on the device.

In case, where the final product will be installed in locations where the end-user is not able to see the FCC ID and/or this statement, the FCC ID and the statement shall also be included in the end-product manual.

8.4 UL listing information

If a customer intends to UL list a product including any of the Bluetooth modules based on the PCB cB-0946 this information is useful:

The printed circuit board if produced according to the following specification:

- UL recognized ZPMV2 min. 105 °C flame class V-0 or better.

8.5 Japan Radio Equipment Compliance (TELEC)

The cB-0946 module with the product name cB-OBS421 complies with the Japanese Technical Regulation Conformity Certification of Specified Radio Equipment (ordinance of MPT N°. 37, 1981), Article 2, Paragraph 1, Item 19, **"2.4GHz band wide band low power data communication system"**. The cB-0946 MIC certification number is 204-210003.

When a product is placed on the Japanese market, the cB-OBS421 module product must be affixed with the following Specified Radio Equipment marking:

204-210003

The minimum size of the logo is Ø3.0mm. The end product holder should also include a copy of the Japan Radio Certificate to the end product technical documentation, contact connectBlue for a copy of the Radio Certificate. Module labels with the above marking may be ordered via the connectBlue distributors using the order code cB-ACC-72.

The end product is recommended to be marked with:

"Contains MIC ID: R204-210003"

8.6 Compliance with RoHS directive

All products based on the PCB cB-0946 are produced according to the RoHS (Restriction of the use of certain Hazardous substances in electrical and electronic equipment) directive and complies with the directive.