

2005-03-11

Reference: cBProject-0502-13 (2)

Attn: Reviewing Engineer

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

RE: PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL

To Whom It May Concern:

We, connectBlue AB, hereby requests for part 15 unlicensed modular transmitter approval of our OEM-Bluetooth module, described as follows:

Brand name: connectBlue AB
Model name: OEM-Bluetooth module
Type number: cB-0720-02
FCC ID: PVH072002

In FCC Public Notice DA 00-1407 released June 26,2000 there are eight numbered requirements that our OEM-Bluetooth module type cB-0720-02 complies with.

1. The modular transmitter must have its own RF shielding.

The radio part of the module is contained in its own RF shielding. The emissions produced by the module are below the limits. For this reason an own RF shielding of the module is not necessary.

2. The modular transmitter must have buffered modulation/data inputs

The module has a memory management unit inside of the IC. It buffers the data inputs from UART and USB terminal.

3. The modular transmitter must have its own power supply regulation

The IC contains an own voltage regulation. In case of changes in the supply voltage VCC (for example caused by temperature changes or other effects), the internal voltage will be stabilized.

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c

The transmitter shall only be used with the tested integral antenna.

5. The modular transmitter must be tested in a stand-alone configuration

The EUT was tested in a stand-alone configuration.

6. The modular transmitter must be labelled with its own FCC ID number

The EUT will be labelled with its own FCC ID number. The label is specified in Exhibit D. If the module is installed inside of an end-product, the label will not be visible. In this case the OEM customer will be instructed to how to apply the exterior label.

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7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.

The EUT is compliant with all applicable FCC rules. Detail instructions are given in the product Users Guide

8. The modular transmitter must comply with any applicable RF exposure requirements.

The maximum measured power output is 4mW (2.5 dBm), the maximum antenna gain is 4 dBi which is far below the low threshold defined as $(60/f \text{ GHz}) \text{ mW}$ for $d < 2.5 \text{ cm}$ in the TCB exclusion list.