

Attn: Reviewing Engineer
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

RE: PART 15 SINGLE MODULAR TRANSMITTER APPROVAL

To Whom It May Concern:

We, connectBlue AB, hereby requests a Single Modular Transmitter Approval of our OEM-WLAN module, described as follows:

Brand name: connectBlue AB
Model family name: cB-0941-02
FCC ID: PVH0941

In 47 C.F.R. §15.212 there are eight requirements a single modular transmitter must meet to obtain a modular transmitter approval. Our OEM-WLAN module cB-0941-02 complies with all these requirements.

1. The modular transmitter must have its own shielding.

The WLAN-module cB-0941-02 has its RF-parts covered by a shield box that is soldered to the module ground plane. The hexagonal openings in the top of the shield box have a longest opening dimension of 2mm. this corresponds to a wavelength that is significantly smaller than the wavelength that is being blocked.

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

The WLAN-module cB-0941-02 does not have modulation inputs. The electrical connections consist of power supply, UART, SPI, digital and analog I/O. None of these signals can affect the modulation.

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

The WLAN-module cB-0941-02 has its own voltage regulators. In case the supply voltage changes, the internal voltages will be kept unchanged.

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

The WLAN-module cB-0941-02 is equipped with either an internal antenna or external antennas fitted with unique antenna connectors.

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

The cB-0941-02 was tested in a stand-alone configuration.

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

The WLAN-module cB-0941-02 is marked with its own FCC ID number. The FCC ID number is printed in the secondary side solder mask of the PCB. For systems using the module where the original FCC ID marking not will be visible when the module is installed instructions will be provided to the OEM customer how the end product must be label.

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 WLAN-module cB-0941-02 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 in its final configuration.

Refer to document cBProject-1003-11 RF-exposure statement cB-0941-02.pdf.