

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 a Modular Approval of our OEM-Bluetooth module, described as follows:

Brand name: connectBlue AB  
Model name: cB-0928-02  
FCC ID:       TTY092802

In FCC Public Notice DA 00-1407 released June 26, 2000 there are eight numbered requirements. Our OEM-Bluetooth module cB-0928-02 complies with all these requirements.

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

The Bluetooth-module cB-0928-02 has its RF-parts covered by a shield box.

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

The Bluetooth-module cB-0928-02 does not have modulation inputs. The electrical connections consist of UART, 4-Wire PCM interface, Stereo differential audio I/O-signals and General purpose I/O-signals. None of these signals can affect the modulation.

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

The Bluetooth-module cB-0928-02 contains 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 and 15.204c**

The Bluetooth-module cB-0928-02 is equipped with an internal antenna.

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

The cB-0928-02 was tested in a stand-alone configuration.

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

The Bluetooth-module cB-0928-02 is marked with its own FCC ID number. The FCC ID number is etched in the surface of the shield box. 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 labelled.

**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 Bluetooth-module cB-0928-02 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.**

The maximum output power is 2 mW [3 dBm]. The maximum antenna gain is +1.1 dBi, equal to a numeric gain of 1.29.

This result in an EIRP of 2.6 mW that is far below the low threshold defined as  $(60/2.4 \text{ GHz} = 25 \text{ mW})$  for  $d < 2.5 \text{ cm}$  in the TCB exclusion list.