Anker Technology Co., Limited

May 19, 2017

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: 2AB7K-T9201

         Applicant: Anker Technology Co., Limited

Dear Examiner,

This is to request a Class II Permissive change for FCC ID: 2AB7K-T9201
originally granted on 12/02/2016 (date).

The change to this application is to replace only the Bluetooth module, product
name model and FCCID number unchanged, all test items all re-test，Both
modules are described below：
Before the module model BG312L is a cost-effective, low-power, true system-on-
chip (SoC) for Bluetooth low energy applications. It enables robust BLE master or
slave nodes to be built with very low total bill-of-material costs.The BG312L
combines an excellent RF transceiver with an industry-standard enhanced 8051
MCU, in-system programmable flash memory, 8-KB RAM, and many other
powerful supporting features and peripherals. The BG312L is suitable for
systems where very low power consumption is required. Very low-power sleep
modes are available. Short transition times between operating modes further
enable low power consumption.Combined with the Bluetooth low energy protocol
stack from Texas Instruments, the BG312LF128/F256 forms the markets most
flexible and cost-effective single-mode Bluetooth low energy solution.
Current Bm02 Bluetooth 4 low power (BLE) control using DA14580 single mode
Bluetooth, it is mainly used in weighing, thermometer, scanning gun, lighting and other
network products need high time reception, low power consumption, long standby,
processing capability, user experience and good equipment. Bm02 module allows
developers do not need to understand the low-power Bluetooth protocol, the use of
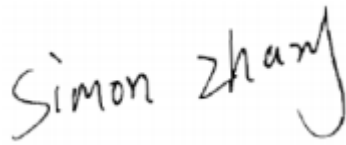
UART and SPI communication and support the development of Low Power Bluetooth communication intelligent products.

BM02 Bluetooth module supports two operating modes: broadcast mode and connection mode. Broadcast mode only transparently transfers BLE data from one-way (module to intelligent terminal) via broadcast. At this point, the intelligent terminal device (IOS / Android) can obtain data from the module without establishing a connection with the module. Host through the UART or SPI interface to the module to send the specified format of the measurement data, the module will broadcast measurement data to the air, this time through the corresponding smart terminal APP can be real-time access to measurement data.

The broadcast mode is that the BM02 module continuously sends out data, it does not receive data, and regardless of whether the intelligent terminal device can receive the data it broadcasts. Connection mode is broadcast by the BM02 module data, while intelligent terminal equipment scanning exterior devices, when scanned to the external device after the issue of connection requests. When the BM02 module is connected to the intelligent terminal, it can send data to each other. Comparing the two modes of operation, the advantage of the broadcast mode is that it eliminates the connection time, so that the APP terminal can obtain the measured data without connecting. This mode is very meaningful for the fast experience. While the broadcast mode can achieve a one-to-many communication. The advantage of the connection mode is that the module and the intelligent terminal can send data to each other, thus realizing the interactive experience between the intelligent terminal and the Bluetooth device. Therefore, different working environment can choose different operating modes, for BM02 Bluetooth module can be supported. In short, BM02 default is a transparent transmission (compatible with the broadcast and connection mode) Bluetooth module, user-defined degree is very high.

I attest that the certified device will not be capable of ad-hoc mode operation outside of the grant conditions.

Sincerely,

Simon zhang