

## Single Modular approval Declaration letter

We , SHENZHEN DADOUTEK ELECTRONICS CO.,LTD , apply Single modular approval for

Product Name: BLE Module

Model: BB840F, BB840FS

FCC ID: 2A6CI-BB840FS

According to 996369 D01 Module Certification Guide v03 and 15.212 requirement:

1) The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements;

*Answer : Yes; shielded.*

2) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation;

*Answer : Yes ; All inputs to the modules are buffered through logic or microprocessor inputs.*

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

*Answer : Yes ; A low drop out regulator is used for modular power supply regulation.*

4) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c). The antenna must either be permanently attached or employ a “unique” antenna coupler (at all connections between the module and the antenna, including the cable). The “professional installation” provision of § 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section;

*Answer : Yes ; Device is equipped with PCB antenna.*

(5) The modular transmitter must be tested in a stand-alone configuration, *i.e.*, the module must not be inside another device during testing for compliance with part 15 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in § 15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see § 15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see § 15.31(i)).;

*Answer : Yes; distance between modular and all AEs are longer than 10cm , refer to setup photo.*

(6) The modular transmitter must be equipped with either a permanently affixed label or

must be capable of electronically displaying its FCC identification number.;

*Answer : Yes ; The modular has a permanent fixed label, and below statement was listed in the User Manual; The host device must be labeled to display the FCC ID of the module  
Contains FCC ID: 2A6CI-BB840FS*

(7) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization;

*Answer : Yes ; The module comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee, Refer to test report and user manual .*

(8) Radio frequency devices operating under the provisions of this part are subject to the radio frequency radiation exposure requirements specified in §§ 1.1307(b), 1.1310, 2.1091, and 2.1093 of this chapter, as appropriate. Applications for equipment authorization of modular transmitters under this section must contain a statement confirming compliance with these requirements. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration. Technical information showing the basis for this statement must be submitted to the Commission upon request.

*Answer : Yes ; Transmitter meets MPE calculation of 47 CFR 1.1307 . Refer to MPE Reports and Refer to modular installation manual.*



<Signature>

Name: Randy Ding

Title: GMD

Company: SHENZHEN DADOUTEK ELECTRONICS CO.,LTD