Cover Letter-Modular Approval

FCC ID: 2AA72-DTR6818 Data: Nov. 24,2015

Gentlemen:

There's an Bluetooth 4.0 module that would like to have your authorization as a modular approval. The specific product as below, Bluetooth 4.0 module with its designed features and specified description, meets special requirements for <u>Full modular approval</u> on FCC KDB996369 by cross-reference list below.

Company	申请方名称
Model Name	Bluetooth 4.0 module
Model Number	DTR6818
FCC ID	2AA72-DTR6818

Requirement of FCC KDB996369	Comply (Y/N) (如产品符合左侧要求填Y,不符合填N)
1. The modular transmitter must have its own RF shielding.	Y The EUT provides the RF shielding. See EUT photo.
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.	Y, please see the below: The Radio implements EasyDMA in combination with an automated packet assembler and packet disassemble, and an automated CRC generator and CRC checker, makes it very easy to configure and use the RADIO. The nRF51 series ultra-low power
	2.4GHz GFSK RF transceiver is designed and optimized to operate in the worldwide ISM frequency band at 2,400GHz to 2.482GHz, configurable radio modulation modes and packet structure makes the transceiver interoperable with Bluetooth low

range

of

energy(BLE) Enhanced shockburst, and a

other

2.4GHz

protocol

implementations. The transceiver receives and transmits data directly to and from system memory, it is stored in clear text even when encryption is enabled, so packet data managements is flexible and efficient. 3. The modular transmitter must have its Y own power supply regulation. The EUT has its own power regulation, please see the below: 12.1.2 Internal LDO setup The internal DC/DC converter can be bypassed if it is not going to be used. When the DC/DC converter is bypassed, only the internal LDO is active as illustrated in Figure 8: LDO regulator only on page 42. The internal LDO will then generate the system power directly from the supply voltage VDD. It is recommended that the DC/DC converter is disabled in this setup. 1.2V LDO Y 4. dThe modular transmitter must comply with The **EUT FCC** the antenna and transmission system meets the antenna requirements of Sections 15.203, 15.204(b) requirements; unique antenna connector and and 15.204(c). The antenna must either be photo of antenna are shown in the test report. 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 Section 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section. 5. The modular transmitter must be tested in a stand - alone configuration, i.e., the The EUT was tested with a test board, Please module must not be inside another device see test report and setup photo during testing. 6. The modular transmitter must be labeled with Y its own FCC ID number, and, if the FCC ID is Please see exhibition label sample for the not visible when the module is installed inside FCC ID of this module. And also in the another device, then the outside of the device exhibition manual. Users there are into which the module is installed must also instructions give to the OEM on how to label display a label referring to the enclosed the end product. module. This exterior label can use wording such as the following: "Contains Transmitter

Module

FCC

ID:

2AA72-DTR6818"

"Contains FCC ID: 2AA72-DTR6818" Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization.

- 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. A copy of these instructions must be included in the application for equipment authorization.
- explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.

 8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i),
- with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4).

The EUT is compliant with all applicable FCC rules. Details instructions for maintaining compliance are give in the User Manual.

The EUT complies with RF exposure requirement.

LANKEXUNTONG TECHNOLOGY CO.,LTD

Thank you.	念池世科	A		
Sincerely,	ASSET A	mt)		
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By:	2000		Echo wang	
	(Signature ¹)	\$ /	(Print name)	
Title:	Sales Assistant			
On behalf o	f: LANKE XUNTONG TEC	CHNOLOGY CO.,LTD	T. <u>-</u>	
	(Company Name)			

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