

**Cover Letter-Modular Approval**

**FCC ID: TM6DTC-NRF51**

**Date: February 6, 2018**

Gentlemen:

There's a NRF51 module that would like to have your authorization as a modular approval. The specific product as below, NRF51 module with its designed features and specified description, meets special requirements for Single modular approval on FCC KDB996369 by cross-reference list below.

Company:	Direction Technology Co., Ltd
Product Name:	NRF51 module
Model Number:	NRF51
FCC ID:	TM6DTC-NRF51

Requirement of FCC KDB996369	Comply (Y/N)
1. The modular transmitter must have its own RF shielding.	yes
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.	yes
3. The modular transmitter must have its own power supply regulation.	<i>Inside of 51822 ASIC have builtin power Management.</i>
4. The modular transmitter must comply with the antenna and transmission system requirements of Sections 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 Section 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	yes
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.	yes
6. The modular transmitter must be labeled with its own FCC ID number, and, if the FCC ID is not visible when the module is installed inside	yes

another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: TM6DTC-NRF51. 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.

yes

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.

yes

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), 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).

yes

Thank you.  
Sincerely,

# Direction Technology Co., Ltd.

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By: Simon Lee Simon Lee  
(Signature<sup>1</sup>) (Print name)

Title: Vice president

On behalf of: Direction Technology Co., Ltd.  
(Company Name)

Telephone: \_\_\_\_\_