Firmtech

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Modular Approval Attestation for Bluetooth Transceiver Module.

Applicant: **Firmtech Co., Ltd.**
FCC ID: **U8D-FB155BC-F**

No.	FCC requirements	U8D-FB155BC
1	Have its own RF shielding	Yes, it has its own RF shielding, please see the FB155BC pictures.
2	Have buffered modulation/data inputs (if such inputs are provided),	Yes, the module has buffered data input.
3	Have it own power supply regulation	Yes, the Bluetooth chip BC417143B contains an internal regulator.
4	Meet the antenna requirements of section 15.203	Yes, the module uses Copper antenna on the PCB
5	Be tested in a stand-alone configuration, i.e., the antenna, AC or DC power and data input/output lines must be connected to the module but, the module must not be inside another case during testing	Yes, the EUT (module) was tested a stand alone configuration. The test jig board is used for the certification.
6	Be labeled with its own FCC ID number, and if the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	The proposed FCC ID label format is to be placed on the module. If FCC ID lavel is not visible when module is install into the system, “Contains FCC ID: U8DFB155BC-F” shall ve placed on the outside of final product. Please see user's manual
7	The modular transmitter is manufactured so that the user can not influence the operation of the transmitter that will operate outside of the scope of the regulations.	The detail instructions for maintaining compliance are given in the user manual.
8	Address compliance with the Commission`s RF exposure limits in Sections 1.1310 and 2.1093. In addition, spread spectrum transmitters operation under Section 15.247 are required to address RF exposure compliance in accordance with Section 15.247(b)(4)	SAR evaluation is not required for the portable device while its maximum output power(5.44dBm eirp) is lower than the general population low threshold: $60/f_{(GHz)} = 60/2.441 =$ 24.58mW(13.90dBm).

Sincerely,

김재훈

Jae Hoon, Kim
Manager