

GT-tronics HK Ltd

B202, Tonic Industrial Center, 19 Lam Hing Street, Kowloon Bay, Hong Kong

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, Maryland 21046

March 27, 2012

Regarding to the Pubic Notice DA 00-1407 pertaining to PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL, **GT-tronics HK Ltd** would like to request Limited modular approval for the submission FCC ID: B4OBC5MMRPA. **GT-tronics HK Ltd** confirms that the product complies with numbered requirements identified below:

Limited Modular Approval is being requested for this device. The following statements detail these requirements and the manner in which the device meets them. The module has its own complete RF transceiver with PCB antenna and reference oscillator. The module meets all of the technical specifications applicable to the frequency band of operation.

1. **RF Shielding**

This BT module does not have its own shielding. However, it is Limited Modular Approval.

2. **Buffered Modulation / Data Inputs**

This device has buffer modulation/data inputs.

3. **Power Supply Regulation**

Power supply regulation is provided within the integrated circuit that regulates the control voltage to the RF and data circuitry. The maximum allowable voltage that can be used in the chip is 3.3VDC – 3.5VDC. The variable input voltage is therefore a voltage regulator.

4. **Antenna Requirements**

The module uses a PCB antenna which will be used on the end product has been tested. This device complies with the antenna requirement.

5. **The modular transmitter must be tested in a stand-alone configuration**

Test data contained in this application is for the device tested as a stand alone device. Radiated spurious emissions data demonstrating compliance with the requirements of Part 15 of the FCC rules for intentional radiators has been provided. Please refer to the test report for details.

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6. The modular transmitter must be labeled with its own FCC ID number

The module itself is appropriately labeled with its own FCC ID. When the module is installed inside another device or in a casing, the exterior label will make reference to the enclosed module and its FCC ID. Refer to the label location and drawings contained within this application. The BC5MMRPA User Manuals contain specific references for exterior end product label requirements, including the use of the wording “Contains Transmitter Module FCC ID: B4OBC5MMRPA”.

7. Operating requirements

The module has no serviceable parts. The Digital Electronic Device manufacturer has control to the module via the serial data for data transmission modes and data rates as well as predefined output power settings. This can be seen in the “Operation Description and User Manual” provided.

8. RF Exposure requirements

The module meets the requirements for a any applicable as per FCC RF exposure requirements and requires a separation distances of 20cm between the radiating structure and human as reflected in the module’s BC5MMRPA User Manual.

Sincerely,



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