

Modular Approval Request Letter

Dear Sir,

There's a Bluetooth Module that would like to have your authorization as a modular approval. The specific product as below, Bluetooth Module, with its designed features and specified description, meets special requirements for full modular approval on FCC Public Notice DA 00-1407 by cross-reference list below.

Company:	Radicom Research Inc.
Product Name:	Bluetooth Module
Model Number:	RB4000HM-a, RB4000HM-c, RB4000, H4000CE
FCC ID:	K7T-RB4000

Requirement of Part 15.212	Reference to RB4000HM-a, RB4000HM-c, RB4000, H4000CE
1. The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located internal to the shielded radio elements.	The module has its own RF shielding. Please see internal photo.pdf
2. The modular transmitter must have buffered modulation/data inputs.	The modular has buffered data inputs, it is integrated in chip"BC417143B". Please see diagram.pdf
3. The modular transmitter must have its own power supply regulation.	The module has linear regulator, it is integrated in chip"BC417143B". Please see circuit.pdf
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The RB4000HM-a, RB4000HM-c, RB4000, H4000CE meets the FCC antenna requirements. It has a unique connector. Please see internal photo.pdf
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.	The RB4000HM-a, RB4000HM-c, RB4000, H4000CE were tested in a stand-alone configuration. We control the RB4000HM-a, RB4000HM-c, RB4000, H4000CE via an specific console cable and a software name "CSR Bluesuite".
6. The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	The label position of RB4000HM-a, RB4000HM-c, RB4000, H4000CE is clearly indicated. Please see the label.pdf
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.	The RB4000HM-a, RB4000HM-c, RB4000, H4000CE is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see User's manual.pdf
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).	The RB4000HM-a, RB4000HM-c, RB4000, H4000CE comply with applicable RF exposure requirements. Please see RF Exposure Statement. pdf

Yours sincerely,

Jimmy Yang
Engineer



Intertek Testing Service Taiwan Ltd.