

Modular Approval Request Letter

Dear Sir,

There's an BT4.2 module that would like to have your authorization as a modular approval. The specific product as below, BT4.2 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:	BT4.2 module
Model Number:	RB8762-c-HM
FCC ID:	K7T-RB8762

Requirement of Part 15.212	Reference to BT4.2 module
1. The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.	The module has its own RF shielding. Please see external photo.pdf
2. The modular transmitter must have buffered modulation/data inputs.	The modular has buffered data inputs, it is integrated in chip RB8762 . Please see diagram.pdf
3. The modular transmitter must have its own power supply regulation.	All power lines derived from the host device are regulated before energizing other circuits internal to the BT4.2 module. Please see circuit.pdf
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The BT4.2 module meets the FCC antenna requirements. It has a unique connector. Please see external 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 BT4.2 module was tested in a stand-alone configuration via a PCMCIA extender. Please see conducted set-up photo.pdf and spurious set-up photo.pdf
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 BT4.2 module 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 BT4.2 module is compliant with all applicable FCC rules. Detail instructions are given in the Users Manual. Please see Installation guide.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 BT4.2 module comply with applicable RF exposure requirements. Please see RF safety evaluation. pdf

Yours sincerely,

Client's signature :



Client's name & title : James Sun, Senior Design Engineer

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