

Modular Approval Request Letter

Dear Sir,

There's an USB WiFi Module that would like to have your authorization as a modular approval. The specific product as below, USB WiFi 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:	USB WiFi Module
Model Number:	WiFiHU-a, WiFiHU-a-1-NE, WiFiHU-c, WiFiHU-c-1-NE
FCC ID:	K7T-WIFIHU-A

Requirement of Part 15.212	Reference to WiFiHU-a, WiFiHU-a-1-NE, WiFiHU-c, WiFiHU-c-1-NE
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 RT2880/RT2820. 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 WiFiHU-a, WiFiHU-a-1-NE, WiFiHU-c, WiFiHU-c-1-NE. Please see circuit.pdf
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The WiFiHU-c-2-NE 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 WiFiHU-a, WiFiHU-a-1-NE, WiFiHU-c, WiFiHU-c-1-NE were tested in a stand-alone configuration via an USB hub PCB (WiFiHU-NE). To remove the WiFiHU carefully remove it from the two 8 pin headers on the WiFiHU-NE USB interface board. Save this interface board. 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 WiFiHU-a, WiFiHU-a-1-NE, WiFiHU-c, WiFiHU-c-1-NE 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 WiFiHU-a, WiFiHU-a-1-NE, WiFiHU-c, WiFiHU-c-1-NE 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 WiFiHU-a, WiFiHU-a-1-NE, WiFiHU-c, WiFiHU-c-1-NE comply with applicable RF exposure requirements. Please see RF safety evaluation. pdf

Yours sincerely,



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Engineer

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