

**FCC ID: MQ4CBT1K**

**Part 15 Unlicensed Modular Transmitter Approval Justification  
per DA 00-1407, released: June 26, 2000**

requirement	reference
1 The modular transmitter must have its own RF shielding.	Shielding is provided over the component side of the PCB, see <b>Internal Photo</b> .
2 The modular transmitter must have buffered modulation/data inputs	Buffering is provided for all modulation/data inputs, see <b>Schematic</b> .
3 The modular transmitter must have its own power supply regulation.	On-board power supply regulation is provided, see <b>Schematic</b> .
4 The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	A single built-in antenna is provided, see <b>External</b> and <b>Internal Photo</b> .
5 The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing.	EUT was tested on an extender card, refer to <b>Section 2.2 of test report</b> .
6 The modular transmitter must 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.	FCC ID label position is clearly shown in <b>Label</b> exhibit.
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.	Full compliance with applicable FCC Rule Parts is demonstrated. A complete <b>Installation Guide</b> is provided.
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).	<b>RF safety</b> evaluation indicates maximum EIRP of 5 mW. Device is not subject to restrictions of separation distance.