

FCC ID: OXTLSE039

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.	Relevant emission requirements are met with metallic shielding shown on the Compact Flash format in external photos .
2 The modular transmitter must have buffered modulation/data inputs	All inputs to the modules are buffered through logic or microprocessor inputs. See schematic diagrams .
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 EUT. See schematic diagram .
4 The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).	The EUT has a built-in antenna, which is inaccessible to the user. See product specification and external photos ..
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 a “Blueboy” open Bluetooth test bed which provides no shielding. See description in test report and test setup photos .
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.	The EUT carries an FCC ID label whose artwork and label position are clearly indicated; see Label exhibit. The FCC ID is visible to the end user prior to installation, thereby satisfying the labeling requirement.
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 EUT incorporates a certified Bluetooth module FCC ID: CGK8001001, whose 15.247 spread spectrum frequency hopping functional parameters cannot be altered by the user. The EUT was tested at its maximum data rate. See Bluetooth module description .
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).	RF output is 1 mW, which complies with the conditions of use of FCC ID: CGK8001001, and constitutes no RF exposure hazard when not co-located with another transmitter. User precautions are provided in the User Manual to avoid contact with the EUT during operation.