

7-Nov-2005

Federal Communications Commission  
Authorization and Evaluation Division  
Equipment Authorization Branch 7435  
Oakland Mills Road Columbia, MD 21046

**Application for a modular approval FCC ID: S6MZ1**

Dear Application Examiner

We kindly apply for FCC authorization as a modular transmitter for our Bluetooth product Z1. The requirements of the FCC Public notice DA00-1407 are met.

The following requirements are fulfilled:

1. **The modular transmitter must have its own RF shielding.**  
The transmitter part of this product adopts module LBMA46LBA2 made of the Murata, and the module is covered with the shield completely.
2. **The modular transmitter must have buffered modulation / data inputs.**  
The product has no modulation inputs. No such inputs are provided on the module. The Bluetooth radio is self-contained.
3. **The modular transmitter must have its own power supply regulation.**  
The module has its own onboard power supply circuit. It is used made of CSR Bluetooth Chip BlueCore3-ROM in the module adopted with this product.  
This BlueCore3 builds the regulator into, and generates 1.8V from external supply 3.3V.
4. **The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c.**  
The transmitter has a built in, permanently attached antenna which is not removable.
5. **The modular transmitter must be tested in a stand-alone configuration.**  
The EUT was tested in the requested stand-alone configuration. Refer to the detailed test report.

6. The modular transmitter must be labeled with its own FCC ID number.  
The EUT is labeled with its own FCC ID number. If the module is inside of an end product, the label will not be visible. In this case the end product will be labeled exterior with the FCC ID.
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.  
The EUT is compliant with all applicable FCC rules. Detail instructions are given in the USERS GUIDE.
8. The modular transmitter must comply with any applicable RF exposure requirements.  
The maximum possible power output for the Class2 Bluetooth product is 0.5mW(-3.08dBm), the maximum antenna gain is 3dBi.

Please contact us if you have any additional questions.

Best Regards



KEIJI TOMITA

GENERAL MANAGER, R&D