

January 27, 2003

14085 Howard Rd  
Dayton, MD 21036

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21036

Re: FCC ID: BJIOH0001

Gentlemen:

Submitted herewith is an application for a frequency hopping bluetooth specification compliant spread spectrum transmitter module. In accordance with the requirements set forth in DA 00-1407 Released: June 26, 2000, this device incorporates the design features as described and listed below for Part 15 modular transmitter approval:

1. The modular transmitter has its own RF shielding. As can be seen from the test site photos, the device was tested outside the host equipment that provided data and power to the unit.
2. This modular transmitter has buffered modulation/data inputs that ensure the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation.
3. This modular transmitter has its own power supply regulation to ensure that the module will comply with Part 15 requirements regardless of the design of the power supplying circuitry in the device into which the module is installed.
4. The modular transmitter complies with the antenna requirements of Section 15.203 and 15.204(c). It is permanently attached to the printed circuit board as shown in the photos.
5. This modular transmitter was tested in a stand-alone configuration outside the host device during testing. The host device is a battery-powered unit intended to be used as a mobile bar code reader. No modifications were made to the host device.
6. This modular transmitter is 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 will also display a label referring to the enclosed module. This exterior label will use this wording: "Contains FCC ID: BJIOH0001".
7. This modular transmitter complies with all operating requirements applicable to the transmitter.

8. This modular transmitter complies with applicable RF exposure requirements. Its maximum EIRP is 2 mW and the antenna is mounted inside the module enclosure. Further, the module is intended to be installed inside a host device which provides additional isolation from the user. Specific installation and operating instructions for users, installers and other interested parties are provided to ensure compliance.

If there are any additional questions, please contact me at 410-531-3439.

Sincerely yours,

Phillip Inglis  
TRP/Cetecom bvba