May 25, 2008

14085 Howard Rd
Dayton, MD 21036

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21036

Re: FCC ID:BJIOH0006

Gentlemen:
Submitted herewith is an application for a transmitter module to be used in a series of printers having essentially the same form factor. 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 limited 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. The basic unit is host to the rf transmitter circuit and is used across many printers comprising a family of products having the same basic mechanical and electrical specifications.

2. This modular transmitter only has data inputs from the basic printer that are buffered thus ensuring that the module will continue to comply with Part 15 requirements and no conditions of excessive data rates or over-modulation can occur.

3. This modular transmitter receives its power from a regulated supply providing power to the main PC board. The design of the power supply circuitry in the printers into which the PC board is installed is requires a regulated supply voltage at a fixed level to the PC board thus ensuring the modular transmitter will always receive the correct regulated voltage.

4. The modular transmitter complies with the antenna requirements of Section 15.203 and 15.204(c) and is a small internal type antenna as shown in the photographs.

5. This modular transmitter was tested in a stand-alone configuration outside the host device during testing. The host device is an ac-powered unit intended to be used as a office/business printer and is thus a Class A digital device. 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:

BJIOH0006".

7. This modular transmitter complies with all operating requirements applicable to the transmitter.

8. This modular transmitter complies with applicable RF exposure requirements. Its measured peak power is 19.90 dBm. Calculating EIRP, 19.90 dBm = 97.72 mw. For a distance of 20 cm, power density is $97.72/4\pi*20^2 = 1.94*e\text{-}2$ mW/cm^2 . Further, the module is intended to be installed inside a host device which provides additional isolation from the user.

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

Sincerely yours,

Phillip Inglis
TRP/Cetecom bvba