

FCC ID : B3QNC7100
Model : NC-7100
Applicant : BROTHER INDUSTRIES, LTD.

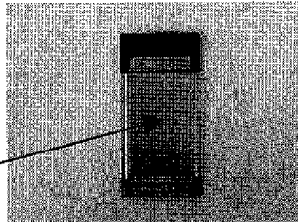
Issued date : January 6, 2004

Request for Limited Modular Approval

This modular transmitter will be equipped only on Laser Printer which is produced by BROTHER INDUSTRIES, LTD. or the manufacturer consigned the production by BROTHER INDUSTRIES, LTD.
The modular transmitter complies the module basic requirement (Item 1 to 8) in FCC Public Notice: Part 15 Unlicensed Modular Transmitter Approval(DA00-1407) as indicated below:

[Module basic requirement]

- (1) Have its own RF shielding.: This modular transmitter has it own RF shielding. Please refer to the A1 Photo.



RF Shielding

A1 Photo(Modular transmitter)

- (2)The modular transmitter must have buffered modulation/data inputs.: Data input to Modular transmitter is controlled as not generating excessive data speed and abnormal modulation.
- (3)The modular transmitter must have its own power supply regulation.:
The modular transmitter does not have its own power supply, but regulated power of 3.3V is supplied from host equipment, Laser Printer, based on PC card's specification. Therefore, the equipment meets this requirement.
- (4)The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c).:
Internal antenna of the modular transmitter is permanently attached to the equipment and does not have any antenna connector. In addition, connector of external antenna is special type (Type: TS-5, manufactured by SMK). Therefore, the equipment meets this requirement.
- (5)The modular transmitter must be tested in a stand alone.: The modular transmitter has been performed the testing as a stand alone and then confirmed the compliance. Please refer to the Test report. (No.24BE0174-HO-1)
- (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 modular transmitter is labeled with its own FCC ID number and is visible from outside by users.
- (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 necessary explanation to be complied with this requirement is contained in the manual.
- (8)The modular transmitter must comply with any applicable RF exposure requirements.:
- The modular transmitter is used only for Laser Printer. There are more than 20cm distance from human body to modular transmitter and thus the product meets this requirement. Please refer to "RF Exposure Statement" and "Installation layout".

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