

FCC ID : AK8RCS493B
IC Number : 409B-RCS493B
Model : RC-S493B
Applicant : Sony Corporation

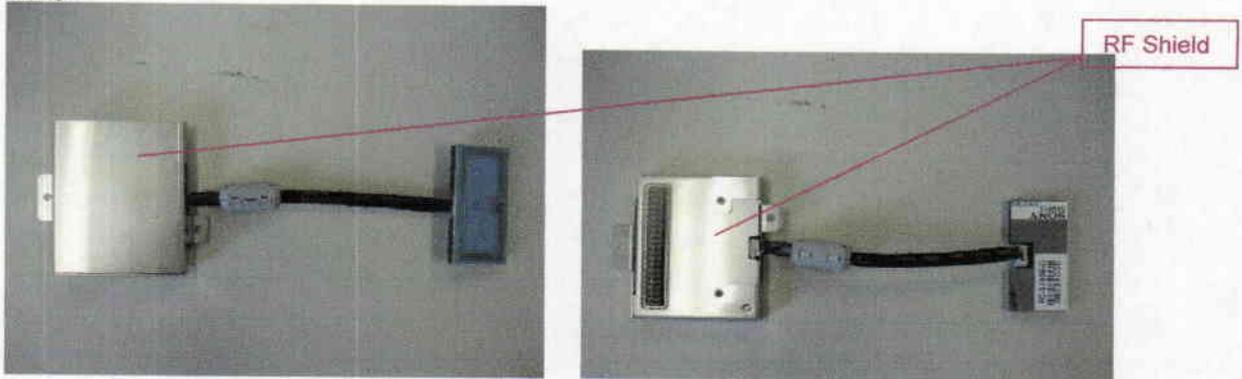
Date: April 10, 2008

Request for Modular Approval

Contactless IC Card Reader/Writer (Model: RC-S493B) is designed by Sony Corporation. The modular transmitter complies the module basic requirement (Item 1 to 8) in FCC Public Notice: Part 15 Unlicensed Modular Transmitter Approval as indicated below:

[Module basic requirement]

(1) Have its own RF shielding.: This modular transmitter has it own RF shielding. Please refer to the assembly drawing and an external photograph.



(2) The modular transmitter must have buffered modulation/data inputs.: The carrier that resonated by crystal resonator is divided into plus and minus at the logic IC, then amplified at the transistor. It satisfies the requirements since the modification is only for turn on/off the transistor's amplification width when signal from main CPU goes into transistor.

(3)The modular transmitter must have its own power supply regulation.: The modular transmitter has its own power supply regulation and is provided stable power of 3.3V and 11.5V. Please refer to the Circuit Diagram.

(4)The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c): The antenna of this modular transmitter is connected to the modular antenna with crimp style connector. Therefore, the equipment complies with the antenna requirement of 15.203 and 15.204(c).

(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 FCC/IC Test reports.

(6)The modular transmitter must be labeled with its own FCC ID/IC Number, and, if the FCC ID/IC Number are 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.: This modular transmitter is complied with this requirement. Please refer to the Label drawing and location.

(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.: This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets with the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET 65. This equipment has very low levels of RF energy that it is deemed to comply without testing of specific absorption ratio (SAR).



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