



FCC  
Federal Communications Commission

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***request for a modular approval - FCC ID: 05K-SCR***

Dear Application Examiner,

the SCR module by Scheidt & Bachmann (S&B) is seeking FCC authorization as a modular transmitter. The requirement of the FCC part 15.212 are met.

The following requirement is not fulfilled:

**1. The modular transmitter must have its own RF shielding**

The radio portion of the module does not have its own RF shielding. The Scheidt & Bachmann (S&B) Smart Card Reader module SCR is intended only for the exclusively operation with printed circuit boards designed and manufactured by S&B. Therefore the SCR will be not free trade available. The SCR modules are only accessible by authorized personnel due to the fact that the target machines have a locking or additionally alarm system. RF exposure compliance will be ensured when installing in end products.

The following requirements are fulfilled:

**2. The modular transmitter must have buffered modulation/data inputs**

*The module has a memory management unit inside of the IC. It buffers the data Inputs and outputs.*

**3. The modular transmitter must have its own power supply regulation**

*The IC contains an own voltage regulation. In case of changes in the supply voltage VCC (for example caused by temperature changes or other effects), the internal voltage will be stabilized.*

**4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c**

The transmitter shall only be used with the tested antennas.

**5. The modular transmitter must be tested in a stand-alone configuration**

The EUT was tested in a stand-alone configuration.

**6. The modular transmitter must be labelled with its own FCC ID number**

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If the module is installed inside another device, then the outside of the device into which the module is installed must display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains FCC ID:" Any similar wording that expresses the same meaning may be used.

**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 product Installation Guide.*

**8. The modular transmitter must comply with any applicable RF exposure requirements.**

The device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. This module is approved for use in products only for the exclusively operation with printed circuit boards designed and manufactured by S&B. The grantee ensures RF exposure compliance when integrating the module into End Products manufactured by S&B.

Please contact us if you have any additional questions.

Best Regards



Carsten Steinroeder, 7layers AG