

Modular Approval Request – FCC / IC

Please accept our request for Limited Single Modular Approval in accordance with the requirements of 15.212 for FCC and 7.1.2 for RSS-Gen as described below.

Model: Smartcard Reader 2.0

FCC ID: O5K-SCR2

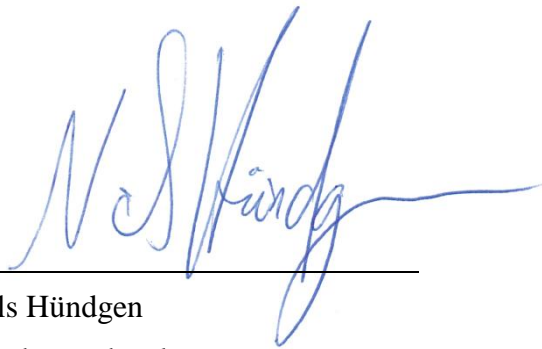
IC: 8312A-SCR2

To whom it may concern,

We formerly request limited modular approval on the above reference device pursuant to the requirements of FCC publication 996369 D01 for modular approval of Part 15 devices.

| Modular approval requirement | Yes/No | Comment |
|---|--------|---|
| (a) The Radio elements of the radio frequency circuitry must be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly. | No | Host integration will be reviewed by the grantee. |
| (b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable FCC rule part under conditions of excessive data rates or over-modulation. | Yes | Complies. The module has buffered inputs. Please refer to the supporting schematic. |
| (c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module. | No | There are clear instructions in the integration guide how to design the power supply. |
| (d) The module must certified with specific antennas and these antennas must be contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s). | Yes | Complies. The antenna connector requirements have been addressed. Please refer to the attached test report and integration guide. |
| (e) The module shall be tested for compliance with the applicable standard in a stand---alone configuration, i.e. the module must not be inside another device during testing. | Yes | Complies. The module was tested in a standalone configuration. Please see the attached test report photos. |
| (f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display. | Yes | Complies. The label information and location of the label have been submitted with this application. |
| (g) The module shall comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions provided by the grantee. | Yes | Complies. The module is compliant with the applicable FCC rules. Compliance requirements are outlined in the integration guide. |

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| (h) The module must comply with RF exposure requirements | Yes | <p>For FCC: This module operates under FCC 15.225 and has very low levels of RF energy. It is therefore not subject to FCC2.1091 and 2.1093 and MPE evaluation is not required.</p> <p>For IC: This module complies with the RF exposure evaluation example of RSS-102.</p> |
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