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9/22/2016

Federal Communications Commission
Office of Engineering and Technology
7435 Oakland Mills Road
Columbia, MD 21046

To Whom It May Concern:

This letter is to request Limited Modular Approval in accordance with FCC Rule Part 15.212(b) for the certification request under FCC ID: QG2ABR200. This product is an OEM RFID reader module operating at 134.2kHz and can be used in mobile devices like PDAs or other data loggers.

Declaration of conditions.

Y/N	15.212(a)(1) Condition
Y	(i) The radio elements of the module have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements
Y	(ii) The module has buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.
Y	(iii) The module has its own power supply regulation.
N	(iv) The module complies with the antenna and transmission system requirements of §§15.203, 15.204(b) and 15.204(c). The antenna(s) are either permanently attached or employ a "unique" antenna coupler (at all connections between the module and the antenna, including the cable).
Y	(v) The module was tested in a stand-alone configuration, i.e., the module was not inside another device during testing for compliance with part 15 requirements. Unless the transmitter module will be battery powered, it complies with the AC line conducted requirements found in §15.207. AC or DC power lines and data input/output lines connected to the module do not contain ferrites, unless they will be marketed with the module (see §15.27(a)). The length of these lines was the length typical of actual use or, if that length is unknown, at least 10 centimeters was used to ensure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing were unmodified and commercially available (see §15.31(i)).
Y	(vi) The module is equipped with either a permanently affixed label or is capable of electronically displaying its FCC identification number.
Y	(vii) The module complies with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the applicant has provided adequate instructions along with the module to explain any such requirements.
Y	(viii) The module complies with any applicable RF exposure requirements in its final configuration. The instructions provided with the module adequately explain any usage conditions or restrictions.

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Explanation of limitations for items not compliant with the above conditions.

Section	Detailed Explanations (if needed)
(iv)	<p>The modular transmitter does not have a unique antenna connector and thus does not comply with this item. Since the ABR200 requires professional installation, it is not possible for non-trained people to manipulate the antenna – this product is just being sold to OEM integrators.</p> <p>The ABR200 has a unique footprint. It does not have a standard connector (like SD-Card, PCMCIA, etc.). Hence a simple connection of the ABR200 to a PDA or data logger is impossible. The implementation of the ABR200 always requires electronic knowledge and custom design. The mentioned installation is not a standard consumer install - additional work and components are required. In addition, the module and especially the antenna need mechanical integration, which usually means the design of a customized housing. This cannot be done by anyone but only by professional companies.</p>

List of additional restrictions or conditions of use for this module (optional).

Professional installation only.

Methods used to address restrictions to ensure compliance for all finished products (optional).

Agrident only sells to selected distributors and works together with them very close during the integration period. This ensures that the final installation complies with the FCC rules (also see relevant user's manual statements in the ABR200 integration manual).

Agrident is only doing Business-to-Business sales into very well defined and very narrow channels. Agrident monitors, checks and ensures that only professional companies can buy the ABR200. If Agrident does not already know the technical background of a company, it will be checked thoroughly after the first contact and before a sale. The ABR200 is not sold through any online shops. In addition, the documentation is not available as a free download for anyone.

I acknowledge on behalf of the applicant that compliance of this module in all final configurations is the responsibility of the applicant under the condition that the integrator follows all provided installation instructions.

A handwritten signature in cursive script that reads "Diane S. Smith, President".

Diane Smith
President
Agrident Corporation