

January 12, 2010

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046-1609

To Whom It May Concern:

The 2.4 GHz RF module FCC ID: RKVSAM200TR is seeking FCC authorization as a module transceiver. The EUT meets the requirements for modular approval as details in FCC Public Notice DA 001407 'Part 15 Unlicensed Modular Transmitter Approval'. Compliance to each of the requirements is described below:

- 1) All shielding necessary to comply with the emission requirements and limits of Part 15 is provided on the RKVSAM200TR module at the time of manufacture. No additional shielding is required to meet these requirements.
- 2) All user modulation/data inputs are buffered by either the CODEC or the embedded controller incorporated into the RKVSAM200TR module.
- 3) The RKVSAM200TR module contains on-board voltage regulators to regulate the supplied battery voltage down to the voltages required for module operation.
- 4) The RKVSAM200TR module will always be used with one of a family of approved antennas. The antenna is of either a printed PCB type, or an approved external antenna permanently attached to the device enclosure. In none of these cases is the antenna or cable/connector accessible to the end user. All approved antennas have been tested with the radio module as part of the modular approval, with test results included in the application report. Any antennas added to the approved family of antennas will be done through a Class II permissive change.
- 5) The RKVSAM200TR module is battery operated, and was tested for compliance in a stand-alone configuration as shown in the application report.

- 6) A label containing the FCC ID of the RKVSAM200TR module will be attached to the module. As the module will be incorporated into the enclosure of the host device and not visible to the end user, the statement "Contains FCC ID: RKVSAM200TR" will appear on the external label attached to the product containing the radio module. The specifics of this labeling requirement are outlined in the supplied product manual.
- 7) All parameters determining compliance with the emission requirements of Part 15 are controlled by a microprocessor embedded into the RKVSAM200TR module. Selection of RF functions under user control is limited to Transmit/Receive and the selection of one of eight predetermined RF channels.
- 8) The RKVSAM200TR Radio module complies with all applicable Part 15 RF Exposure requirements, as demonstrated in the application Test Report.

Please advise if any additional explanation is required.

Regards,



John Glissman  
Chief Technical Officer  
Aerielle Technologies, Inc.