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«Report_Date»

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

**Re.: FCC ID: KQL-PKLR2400, 731 CONFIRMATION #: EA95245
CORRESPONDENCE #: 10056**

Dear Sir/Madam,

This concerns your questions for the FCC Certification application.

- (1) The Aerocomm designs its own hardware and software. They do not use any other supplier's Microprocessor chip.
- (2) This product is not sold for residential uses even though it meets the FCC Class B Limits. The EUT's production units do not have any feature (RS-232) to be connected to the personal computer; the RS-232 port on the pcb is only provided for testing purposes in order to select each individual channel frequency or intended hopping mode of operation. The RSS-232 will not be installed in any of the production unit.
- (3)-(6) The descriptions of pseudorandom hopping sequence, channel usage and receiver bandwidth and synchronization was submitted in the original submission under Exhibit 8. Attached in file "hopping.pdf" please find another one.
- (7) This product is an OEM module that is integrated into customers' products. The MMX connector does not provide a suitable mechanical interface for connection to the outside world. All antenna interfaces will require physical connection to the case of the OEM product or the antenna will be integrated inside the product. The SMA connector is provided only on a custom interface board that we provided for OEM development and only in the developer kit. This is provided in the developer kit to provide the OEM with some solution for internally testing antenna solutions. This is not part of Aerocomm's production OEM radio solution.
- (8) The Aerocomm's customers are instructed to add another FCC ID label outside their equipments enclosures and instructed to use antenna connectors in compliance with FCC 15.203.
- (9) Since the output power to the antenna is low (10mWatts max.), and the EIRP when the antenna with the maximum gain of 13 dBi is measured to be 138 mWatts maximum (3.3 cm minimum distance for rf exposure safety). We would like to apply for the exemption of the SAR tests and exemption of the restriction of antenna installation location.

Please refer to the attached file "EIRP.pdf" for re-tests of the EIRP and evaluation of RF radiation exposure with different antennae used.

Please feel free to contact us if you have any further questions. The another Correspondence #10090 will be sent to shortly today.

Yours truly,

Tri Minh Luu, P. Eng.,
V.P., Engineering

TML/AK

Encl.

