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FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

**Re.: FCC ID: KQL-PKLR2400, 731 CONFIRMATION #: EA95245
CORRESPONDENCE #: 10382**

Dear Sir/Madam,

This concerns your questions for the FCC Certification application.

- (1) Attached in "cover letter" section please find the file "hopsam.pdf" for the sample of hopping sequence with frequencies per your request.
- (2) The SMA connector is only provided in the developer kit, not for normal use purposes. The MMCX connectors are used for the following reasons provided by Aerocomm:
 - (a) It is used for several radio used in Telxon Products, These products are similar for those certified by FCC under FCC ID: N7R-CM-AER and N7R-960LE-AER using MMCX connectors. In fact FCC already certified the Telxon products with the uses of MMCX connectors.
 - (b) Although the connector itself is readily available, there are no antennas that can be purchased with the MMCX connectors, and it is very difficult to assemble an MMCX mating connector to a cable. Aerocomm had to have all of our cables custom made by Assemble Tech and the antenna manufacturers had to custom make their antennas with the MMCX connectors. Also, MMCX connectors are not standard among manufacturers (example: Huber & Suhner MMCX does not mate with Telegartner MMCX).
 - (c) The Aerocomm's MMCX is not intended as a connection to the outside world and is not mechanically sound enough to allow end-user access. All of the antennas tested require integration into the case or have some type of unique connector.
- (3) These answer your questions #3
 - (a) The radio module is provided with a shield covering the rf radio section of the printed circuit. The shield is permanently soldered onto the pcb. Please refer to the photographs for details.
 - (b) Aerocomm requires regulated 5 Vdc to be provided to the PKLR2400 board even though it already has its own regulation for the radio on-board.
 - (c) The radio is provided with hardware buffering for all input lines, and all input lines are controlled through Aerocomm's ASIC. The OEM can not effect compliance of the radio by altering any input lines. All compliance parameters are contained within the PKLR2400. The OEM can not override these parameters.
- (4) We would like to apply for the exemption of the RF Safety since the rf output power of this radio is extremely low to cause any harmful rf exposure.

Please feel free to contact us if you have any further questions.

Yours truly,

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

TML/AK
Encl.

