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FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

**Re.: FCC ID: KQL-PKLR2400, 731 CONFIRMATION #: EA95245
CORRESPONDENCE #: 10090**

Dear Sir/Madam,

This concerns your questions for the FCC Certification application.

- (1) We agree that the peak power of 10 mW at the antenna terminal shall be listed in the FCC Grant.
- (2) The re-measurement of EIRP with 9 different antennae and our standard calibration antenna (for checking the accuracy of the measurement) has been uploaded to you on file "eirp.pdf".
- (3) The transmitter can not transmit with two antennae. The antennas provided in the developer kits are the NZH2400, (a) for each board that is provided in the kit for a total of two (2). This has been clarified in the manual. This is one of the antennas included in the filing. Antenna connection is performed by the OEM and varies from one OEM to the other. The antennas will be integrated inside the case of the OEM or into the enclosure of the OEM. Any deviation from this will require a custom connector per Section 15.203. Aerocomm has added a section in the Interface Specification next to the Interface Specification next to the FCC Warning that clarifies this.
- (4) Attached please files "ant2.pdf" for additional two new antennas.
- (5) Warning of a minimum separation of 20 cm is added onto the user manual for mobile uses.
- (6) Since the maximum EIRP power (used with the highest antenna 13dBi) is low (138 mW), the minimum calculated rf safety distance is only 3.3 cm and Aerocomm's clients are only allowed to used antennae permitted by Aerocomm, Aerocomm would like to apply for the exemption of SAR tests. Any different antennae that may be added will be required to submit to FCC under Class II Permissive Change and the evaluation of MPE and SAR requirements will be considered in each case of new antennas.

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.

