

10/18/2022

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

To whom it may concern:

Knox Company, hereby requests a Permissive Change Class II of the radio equipment certification for the Knox Radio Module certification number, FCC ID: 2AOVI-KNOX-RAS. This product differs from the originally approved product in the following manor:

- (a) Associated digital circuitry. – no changes.
- (b) Functional capabilities. – no changes.
- (c) Antenna Characteristics. – Add new antenna.

We wish to add a new antenna to the list of approved antennas for this module. The updated list of approved antennas is located in the user's manuals exhibit. The antenna to be added is a self-adhesive flexible dipole, model Molex 1461530200, which has a peak gain less than the originally certified dipole 5dBi external antenna (Air802 ANRD2405-RPSMA).

To accommodate this new internal antenna, the Molex 1461530200 self-adhesive antenna is fastened to the back of our keypad module mounted on the front panel of the equipment. The Molex-supplied antenna cable with U.FL connector is routed through a hole on the front panel and connected to U.FL mating connector on the board containing the radio module.

I do attest that the module RF output power is unchanged.

Sincerely,



Bryan Pavlovic
Sr. Director of SW/FW/HW Engineering
Knox Company