



ACB Engineer,

This application is very similar to FCC ID: 2AHLQTS0000LINK. There are two units. One is intended to operate indoors the other outdoors. The system controls pool equipment. The two transceivers are sold together, and one can't work without the other. We would like to file both devices under one application as we did for FCC ID: 2AHLQTS0000LINK. The circuit boards are very similar.

The differences between the units are:

- different data/power connector
  - one side has provisions for a pre-wired connector, the other side is meant for wiring in the field
  - one side is powered through a barrel connector that is not present on the other side
- reverse wiring protection
  - the side with wiring in the field has protection circuitry in case wires are connected wrong
- LED location
  - one side has 3 LEDs located on top, the other side on the bottom (same wiring)

In both cases, the RF circuitry is exactly the same on both boards, and both drive into a matched 50 ohm PCB trace antenna.

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