

February 1, 2012

Re: Antenna information for IntelliCab

The IntelliCab operates under FCC rule 15.203, Unlicensed devices operating within 15.225, RFID systems. The IntelliCab contains internal PCB antennas which are not user accessible. Additionally the equipment is professionally installed.

The PCB antennas are sandwiched between the sheet metal (shown at left) and the back of the plastic “module” (shown at right). The PCB antennas are formed as an array of 12 PCB boards, with 10 antennas on each board for a total of 120 antennas. Each possible position of a basket has an antenna located directly behind the basket.



