

FCC Application – Cover Letter

Date: 09/10/2021

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

FCC ID: 2AGHF-RCOMBCM002

To whom it may concern,

This letter is submitted as the cover letter in support of the certification application for the Ocado Bot control module (BCM).

Description

The Ocado BCM is part of the proprietary Rainbow Communications System (RCOM). RCOM is a point to multipoint short range, radio communications system which operates in the frequency band 5470MHz to 5725MHz.

The overall system comprises both wired and wireless communications. The wireless part comprised two units, the Base Station (BS) and the Bot Control Module (BCM) which form the two radio parts of the point to multipoint system. One BS can be connected to many BCMs at any one time.

The wired parts comprise of 1) An Ethernet LAN that connects the controlling system to the Base Station; when multiple Base Stations are used this is done via a Base Station Controller (BSC) and 2) the connection from the BCM to a PC on the device being controlled, again over Ethernet.

Type of request: Original certification

Applicable rule parts: 15.407

Yours sincerely



Mark Bailey
Wireless Test & Certification Engineer