FCC Application – Cover Letter

Date: 23 June 2023

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

FCC ID: 2AGHF-RCOMBS003

To whom it may concern,

This letter is submitted as the cover letter in support of the certification application for the Ocado Base Station (BS).

Description
The Ocado RCOM BS 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 Communication 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

Ocado Technology Buildings One & Two, Trident Place
Mosquito Way, Hatfield AL10 9UL, United Kingdom

T +44(0)1707 228 000 **F** +44(0)1707 227 999 **ocadotechnology.com**

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