



Harvest Automation, Inc.
85 Rangeway Road, Building 3 Suite 210
Billerica, MA 01862

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

Dear Application Examiner:

Harvest Automation is submitting an application for original certification of the HV-100 robot, FCC ID: ONM-HV-100. The robot is an autonomous material handling system marketed for use in the commercial nursery and greenhouse industry.

The robot utilizes a distributed modular architecture; individual micro-controllers support motor drives and sensors, passing higher level data and commands up to the main CPU where higher level decision making happens. The main CPU is incorporated into an off-the-shelf System on Module (SOM); the SOM uses a modular transmitter for 2.4GHz WiFi (FCC ID:YKP1016323).

It should be noted that the WiFi interface is intended primarily as a development interface. WiFi is not discussed in the user's manual, and is not currently utilized by the customers.

Your efforts in reviewing this application are greatly appreciated

Please contact me by telephone at (978) 528-3260 or by email (michaelb@harvestai.com) if there are any questions or additional information needed concerning this request.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Bush', written in a cursive style.

Michael Bush

Principal Systems Engineer