

Single Modular approval Declaration letter

We, apply Single modular approval for
Product Name: Orbit Irrigation Products, LLC
Model: CMWX1ZZABZ
FCC ID: ML6CMABZ

According to 996369 D01 Module Equip Auth Guide v01r04 and 15.212 requirement:

1) The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;

Answer : Yes , with shielded

2)The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;

Answer : Yes ; All inputs to the modules are buffered through logic or microprocessor inputs.

3)The modular transmitter must have its own power supply regulation.

Answer : Yes ; A low drop out regulator is used for modular power supply regulation.

4)The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);

Answer : Yes ; Device is equipped with Integral antenna.

(5)The module must demonstrate compliance in a stand-alone configuration;

Answer : Yes , distance between modular and all AEs are longer than 20cm , refer to setup photo.

(6) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements);

Answer : Yes ; The modular has a permanent fixed label, and below statement was listed in the User Manual;The host device must be labeled to display the FCCID of the module Contains FCC ID: ML6CMABZ

(7)The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;

Answer :Yes,The module comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee, Refer to test report and user manual .

(8)The module must comply with RF exposure requirements

Answer : Yes ; Transmitter meets MPE calculation of 47 CFR 1.1307 . Refer to MPEReports and Refer to modular installation manual

Date 2020-08-27

Signature

A handwritten signature in blue ink, appearing to read 'Karl Connolly', is written over the 'Signature' label.

Name: Karl Connolly

Title: EVP Prod. Dev.

Company: Orbit Irrigation Products, LLC

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