

WAC LIGHTING CO

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Limited Modular Approval Letter

Date:2022-05-20

FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

We, WAC LIGHTING CO, hereby request Limited Modular Approval for Product: W System-Sensor (Model number: S2SN-1-BK, S2SN-1*), FCC ID:2APNFWAC000003. The EUT meets most of the requirement for modular approval as detailed in FCC 15.212. The requirements are described below:

1. The modular has no RF shielding, please refer to the EUT photo, which was integrated into the host.
2. The modular transmitter has buffered modulation/data inputs, Buffered data inputs stage has been integrated in chip (Model:XBR816C).
3. The modular transmitter has its own power supply regulation. Please refer to the schematics.
4. Comply with the antenna requirements of Section 15.203 and 15.204(c), the modular have two PCB antennas permanently attached to the module, one is TX, the other is RX, the maximum gain is 3.3dBi.
5. The EUT was not tested in a stand-alone configuration, the device is tested in one specific host configuration. Please refer to report and setup photo exhibit for details.
6. The module labeled with its own FCC ID.
7. Comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. The necessary explanation to be complied with this requirement is contained in the user manual, please refer to the User Manual.
8. Comply with any applicable RF exposure requirements in its final configuration.

Sincerely,

Signature:

Printer Name:Xiongfang Liu

Title:Director

