

Walksnail Innovation Technology(Shenzhen)Co.,Ltd

Federal Communications Commission
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Date: 2022.08.08

Subject; **WALKSNAIL DIGITAL HD FPV SYSTEM**

Company name: Walksnail Innovation Technology(Shenzhen)Co.,Ltd

FCC ID: 2A78Z-AVATAR

Dear Sir/Madam,

This letter includes the FCC application requirements for Modular Transmitter Approval Request for;-

FCC KDB 996369 D01 'Module Certification Guide v02; and
FCC KDB 996369 D03 OEM Manual v01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID 2A78Z-AVATAR has been examined against the following requirements.

Requirement per 15.212 and KDB 996369 D01	Explanation from Grantee (do not write yes/no, but explain why product complies/how it is achieved)
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.	Yes, A shielding cover
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.	Yes, All modulation and data inputs are buffered by circuitry on the transmitter chip HW3000RF, as is shown in the schematic.
The module must contain power supply regulation on the module.	Yes, Power supply regulation is provided by circuitry on the transmitter chip HW3000RF, as is shown in the schematic.
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 §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).	Yes, EUT contains only two unique antenna connectors. Please refer to the exhibition test report.
The module must demonstrate compliance in a stand-alone configuration.	Yes, Please reference exhibition Test Configuration Photo for the stand-alone test configuration.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	Yes, Labels are posted on modules
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	Yes, The required FCC rule has been fulfilled and all the instructions for maintaining compliance has been clearly stated in the Users Manual.
The module must comply with RF exposure requirements	Yes, Please refer exhibition RF Exposure for the compliance of MPE RF exposure rule.

Integration Instructions for host product manufacturers

The following items are submitted in support of application for Modular Transmitter FCC ID as noted above as required by the FCC KDB 996369 D03 OEM Manual v01.

These items are provided as integration instructions for host product manufacturers (e.g., OEM instruction manual) to use when integrating a module in a host product.

Any requirements that are not applicable to the Module are as indicated below.

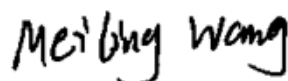
Summary of requirements and Checklist. Refer to the KDB for description of the complete requirements;

KDB Ref Sect	Requirements of KDB 996369 D03	User Manual Page Number reference
2.2	List of applicable FCC rules	10
2.3	Summarize the specific operational use conditions	10
2.4	Limited module procedures	10
2.5	Trace antenna designs	10
2.6	RF exposure considerations	10
2.7	Antennas	10
2.8	Label and compliance information	10
2.9	Information on test modes and additional testing requirements	11
2.10	Additional testing, Part 15 Subpart B disclaimer	11

Name: MeiLing Wang

Date: 2022.08.08

Title: Manager



Signature of applicant