

Shenzhen Zero Zero Infinity Technology Co., Ltd.
Request for Class II Permissive Change

FCC ID: 2AIDW-ZV101

Date: 06/10/2021

TO: Federal Communication Commission

Please be notified that we, the undersigned, Shenzhen Zero Zero Infinity Technology Co., Ltd. declare that the reasons for this Class II permissive change are as below:

HW changes

- 1.IMU position from back bottom change to top middle of drone (on GPS board), and GPS PCB board size change bigger.
- 2.Gimbal motor drive voltage change from 5.5V to 11.6V
- 3.SE PCBA changes MCU from HK32 to GD32,and add one MAPS
- 4.RF related design no changes

Mech changes

- 1.The top cover is added with a metal mesh, conductive cloth and conductive foam. The metal mesh is grounded to the main bracket through the conductive cloth on the fan surface
- 2.Add a metal block to the bracket of the gimbal
- 3.GPS antenna replacement, substrate area increased
- 4.The IMU device is integrated on the lower surface of the GPS board and connected to the motherboard through a long FPC
- 5.The GPS board and the main board are attached with absorbing materials
- 6.FOC plate type adjustment, steering gear with metal housing

Thank you.

Sincerely,

Print Name: Yuansheng Xia

Title: Certification Engineer

Signature: Yuansheng Xia

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