

# ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD

Date: September 2, 2022

Federal Communications Commission  
Office of Engineering and Technology Laboratory Division  
7435 Oakland Mills Rd.  
Columbia, MD 21046

SUBJECT: Class II Permissive Change for FCC ID: 2AC7Z-ESPS3WROOM1

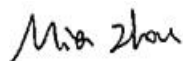
Dear Examiner,

The intention of this application is to enable the modular FCC ID:  
2AC7Z-ESPS3WROOM1, granted on 01/21/2022 to be integrated in **AI voice  
development kit, ESP32-S3-BOX**

The module installed into host platform mentioned above is electronically and mechanically identical to the original certified module. The Original FCC testing on module under FCC ID: 2AC7Z-ESPS3WROOM1 was performed with an antenna of higher gain, and the antenna was connected to the module in an open environment. The current host platform under application uses an antenna of the same type but of lower gain and is installed inside the host platform enclosure. The physical restraints introduced by the host platform should have resulted in equal or lower level of radiated emission. The WIFI 2.4G power level was reduced via software and verify RSE, Software security remains unchanged from the original application.

Except for the change above, the design, hardware and implementation are exactly same with original.

Sincerely yours,



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**Contact Person:** Mia Zhou

**E-mail:** [zhoumiaomiao@espressif.com](mailto:zhoumiaomiao@espressif.com)