Modular Approval Request Letter

FCC ID: 2AC7Z-ESPS2MINI1 Data: November 2, 2020

Gentlemen:

There's a Wi-Fi Internet of Things Module that would like to have your authorization as a modular approval. The specific product as below, with its designed features and specified description, meets special requirements for full modular approval on FCC Public Notice 15.212 Released: June 26, 2000 by cross-reference list below.

Company	Espressif Systems (Shanghai) Co.,Ltd.
Model Name	Wi-Fi Internet of Things Module
Model Number	ESP32-S2-MINI-1, ESP32-S2-MINI-1U
FCC ID	2AC7Z-ESPS2MINI1

Reference to ESP32-S2-MINI-1, ESP32-S2-MINI-1U The module has its own RF shielding. Please see external photo.pdf
The module has its own RF shielding. Please see external photo.pdf
The modular has buffered data inputs, it is integrated in chip ESP32.
Please see schematic.pdf
All power lines derived from the host device are regulated before
energizing other circuits internal to the ESP32. Please see
schematic.pdf
The ESP32-S2-MINI-1 meets the FCC antenna requirements. It is an
On-board antenna. The ESP32-S2-MINI-1U meets the FCC antenna
requirements. It is a External IPEX Antenna. Please see internal
photo.pdf
The ESP32-S2-MINI-1, ESP32-S2-MINI-1U was tested in a
stand-alone configuration via com serial interface. Please see test
set-up photo.pdf
The label position of ESP32-S2-MINI-1, ESP32-S2-MINI-1U is clearly
indicated. If the FCC ID of the module cannot be seen when it is
installed, then the host label must include the text: Contains FCC ID:
2AC7Z-ESPS2MINI1. Please see the label.pdf
The ESP32-S2-MINI-1, ESP32-S2-MINI-1U is compliant with all
applicable FCC rules. Detail instructions are given in the Users
Manual. Please see user manual.pdf
The ESP32-S2-MINI-1, ESP32-S2-MINI-1U is approved to comply with
the applicable RF exposure requirement, please see the MPE
evaluation with 20cm as the distance restriction.
A er so Ti O re p Ti irr irr irr 2. Ti ar N

Thank you.

Sincerely, his Hou

Mia Zhou /Certification Manager Espressif Systems (Shanghai) Co.,Ltd.