

Shenzhen Ai-Thinker Technology Co., Ltd

Single Modular Approval Request Letter

Date: 2021-08-04

FCC ID: 2ATPO-ESP-C3-X

Type of Equipment: DTS

The following requirements according to FCC Part 15.212 are met:

i RF shielding

The radio portion has his own shielding (see external photos).

ii Buffered modulation/data inputs,

has been integrated in the chipset

iii Power supply regulation,

is integrated

iv Antenna requirements section 15.203, 15.204 b and 15.204 c

The module comes with permanently attached antennas. The spurious emission requirements are fulfilled (see attached test report).

Antenna Type	For model ESP-C3-12F, ESP-C3-32S,ESP-C3-13,ESP-C3-01M: PCB Antenna For model ESP-C3-13U: FPCB Antenna
Antenna Gain	For model ESP-C3-12F, ESP-C3-32S,ESP-C3-13,ESP-C3-01M: 2dBi For model ESP-C3-13U: 2dBi

v Stand alone test configuration

Please referring to test set up configuration photo

vi Labelling

The module has its own label. The instruction for labelling rules for the host device has been stated in the users manual

vii Compliance on specific rule or operating requirements

The required FCC rules has been fulfilled and all instructions for maintaining compliance has been clearly stated in the users manual

viii RF Exposure,

RF exposure requirements are fulfilled for mobile configuration. The installation of the module is restricted to mobile host devices what is clearly stated in the installation instruction of the user manual.

For portable applications OEM integrators need SAR evaluation and an own FCC ID.

Guan Ning

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