

Qianxun Spatial Intelligence(Zhejiang) Inc.

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Subject: Requesting Class II permissive change for FCC ID: 2A33X-S11

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: 2A33X-S11, original granted on 12/16/2024.

The project has been modified as follows:

1. Added the model name S15

Model Difference(s):

Model No.	S15	S11
1	The battery holder was removed to reduce costs.	A button battery holder is reserved, but no battery is actually installed.
2	Disable the MOS switch control and switch to direct resistor connection.	Display backlight power supply MOS switch
3	Remove the DIP switch, no need to set the maximum screen brightness	Reserved DIP switch for setting the maximum screen brightness of other models sharing this motherboard, but the actual DIP switch is in the disconnected state.
4	Remove excess crystal oscillator materials	32.768KHz crystal oscillator, since the chip is not mounted, it does not function at all.
5	The switch is not used after product assembly and has been removed to reduce costs.	DIP switch, for R&D debugging, used to enable the system to enter the flashing mode.
6	Radio module packaging, solder paste printing, module not mounted	Radio module encapsulation, without solder paste application, module not mounted
7	Remove materials related to compatibility design	The fifth channel DO output reserves the MOS transistor switching circuit, which is not actually used for this function and belongs to the circuit compatibility design.
8	Remove materials related to compatibility design	Operational amplifier, used for buffering ADC input signals, though this function is not utilized in practice, serving as a circuit compatibility design.
9	Remove materials related to compatibility design	Power supply for channels 4-8 AHD cameras, which is not actually utilized in practice and belongs to circuit compatibility design.
10	Remove materials related to compatibility design	GX12-4P aviation utetheisa kong socket, used for connecting 6-channel AHD cameras, this function is not actually utilized and belongs to circuit compatibility design.
11	Remove materials related to compatibility design	The power supply circuit of the radio module is not actually used for this function, belonging to a circuit compatibility design.
12	Remove materials related to compatibility design	5-36V wide voltage input power supply circuit, which is not actually used for this function and belongs to circuit compatibility design.
13	The product appearance differs, with the S15 model removing redundant and unnecessary ports.	/

Note: The hardware of the newly added model has changed, but it does not affect the RF part. After testing, the verification result shows deterioration.

2. Update the standard version of ANSI C63.10.
3. Changed the brand name.

Please contact me if you have any questions or need further information regarding this application.

Best Regards,

Name: Yong Zhou

Funtion: Senior Test Specialist

Date: 2026-06-22

Signed : 