

Limit Modular Approval Declaration letter

2020-06-17

We, Qingdao Haier Special Freezer Co Ltd apply Limit Modular Approval for
Product Name: 1T1R doppler radar
Model: RKB1146
FCC ID: 2AWKC-71800247

According to 996369 D01 Module Equip Auth Guide v01r04 and 15.212 requirement:

1) The radio elements must have the radio frequency circuitry shielded.

Physical

components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly;

Answer: No, Not Shielded for both side.

2) The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;

Answer: Yes, All inputs to the modules are buffered through logic or microprocessor inputs.

3) The modular transmitter must have its own power supply regulation.

Answer: Yes, A low drop out regulator is used for modular power supply regulation.

4) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);

Answer: Yes, Device is equipped with PCB antenna.

(5) The module must demonstrate compliance in a stand-alone configuration;

Answer: No, the limit module is installed in the refrigerator for testing.

(6) The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements);

Answer : Yes, The modular has a permanent fixed label, and below statement was listed in the User Manual ; The host device must be labeled to display the FCC ID of the module "Contains 2AWKC-71800247"

(7) The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;

Answer :Yes, The module comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee, Refer to test report and user manual .

(8) The module must comply with RF exposure requirements

Answer :Yes, Transmitter meets MPE calculation of 47 CFR 1.1307 and KDB 447498 . Refer to MPE Reports and Refer to modular installation manual

Please contact me if you have any further questions. Thanks for your attention.
Best Regards,

Sincerely,

A handwritten signature in black ink, reading "Chai Guanwei". The signature is written in a cursive, flowing style.

Name: Chai Guanwei

Title: Certification Engineer

Company: Qingdao Haier Special Freezer Co Ltd