

# 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, appearing to read "Chai Guanwei".

Name: Chai Guanwei

Title: Certification Engineer

Company: Qingdao Haier Special Freezer Co Ltd