

TCL Air conditioner (Zhong Shan) Co.,Ltd.

Federal Communications Commission
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Date:

Subject: **Modular Transmitter Application**

Company name: TCL Air conditioner (Zhong Shan) Co.,Ltd.
FCC ID: 2AJCLTYWE1S

Dear Sir/Madam,

This letter includes the FCC application requirements for Modular Transmitter Approval Request for:-

FCC KDB 996369 D01 'Module Certification Guide v02; and
FCC KDB 996369 D03 OEM Manual v01

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID 2AJCLTYWE1S has been examined against the following requirements.

Requirement per 15.212 and KDB 996369 D01	Explanation from Grantee (do not write yes/no, but explain why product complies/how it is achieved)
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.	Yes, with shielded
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.	Yes , All inputs to the modules are buffered through logic or microprocessor inputs.
The module must contain power supply regulation on the module.	Yes, A low drop out regulator is used for modular power supply regulation.
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 §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).	Yes, Device is equipped with Integral antenna.
The module must demonstrate compliance in a stand-alone configuration.	Yes, distance between modular and all AEs are longer than 20cm , refer to setup photo.
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	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 FCCID of the module Contains FCC ID: 2AJCLTYWE1S
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	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

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The module must comply with RF exposure requirements	Yes , Transmitter meets MPE calculation of 47 CFR 1.1307 . Refer to MPE Reports and Refer to modular installation manual
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Name: Kevin Zheng

Date: 2021.04.25

Title: Certificate Officer

Signature of applicant:

