



Modular Transmitter Approval Request

Federal Communications Commission  
 Equipment Authorization Branch  
 7435 Oakland Mills Road  
 Columbia, MD21046

**Company name: Shenzhen Hysiry Technology Co., Ltd.**  
**FCC ID: 2AKBPESP8266-S3**

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v01r04'. FCC ID: 2AKBPESP8266-S3 has been examined against the following requirements.

<b>Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v01r04</b>	<b>Explanation from Grantee</b> (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, it is 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 Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	Yes, it is equipped with PCB antenna.
The module must demonstrate compliance in a stand-alone configuration	Yes, distance between modular and all AEs are longer than 20cm, referred to setup photo.
The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	Yes, the module has a permanent fixed label, and below statement was listed in the user manual of new host. The host device must be labeled to display the FCCID of the module, "Contains Transmitter Module FCC ID: 2AKBPESP8266-S3".
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 complies with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee, referred to test report and user manual.
The module must comply with RF exposure requirements	Yes, it meets MPE calculation of 47 CFR 1.1307, referred to MPE Reports and modular installation manual.



**Name: Lamb Li**

**Date: Sep. 19, 2017**

**Title: Manager**

**Signature of applicant**

*Lamb Li*