

# EMBUX Technology Co. Ltd.

## Modular Transmitter Approval Request

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

**Company name: EMBUX Technology Co. Ltd.**  
**FCC ID: 2AVW3-MWF220HDB**

Dear Sir/Madam,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID: 2AVW3-MWF220HDB 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.	No
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.	The modular transmitter have buffered modulation/data inputs.
The module must contain power supply regulation on the module.	The modular transmitter have its own 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).	The modular transmitter contain a unique antenna connector
The module must demonstrate compliance in a stand-alone configuration.	No, the test tool board is needed
The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).	The FCC ID on the product: 2AVW3-MWF220HDB
The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.	The operation requirements and instructions how to implement this module are described in the user manual.
The module must comply with RF exposure requirements	Meet RF assessment, reference report HK2002260224-5E

**Name: Steve Chen**

**Date: Mar. 23, 2020**

**Title: Director**

**Signature of applicant:** *Steve Chen*