

Realsil Microelectronics (suzhou) co. Ltd.

## Modular Transmitter Approval Request

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

**Company name:** Realsil Microelectronics (suzhou) co. Ltd.  
**FCC ID:** 2BASB-PKM8720DFC

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v02'. FCC ID:2BASB-PKM8720DFC has been examined against the following requirements.

Items to be covered by Single modular transmitters.

Requirement per 15.212 and KDB 996369 D01 'Modular Certification Guide v02'	Explanation from Grantee (do not write yes/no, but explain why product complies/how it is achieved)
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	Yes, The module has its own RF shield tuning capacitors is integrated inside the module IC.
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	Buffered data inputs stage has been integrated in chip RTL8720DF.
3. The module must contain power supply regulation on the module	Module with power regulation and support for DC 3.3V input
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)	The module meets the antenna requirements.
5. The module must demonstrate compliance in a stand-alone configuration	The module has been tested in a stand alone configuration, see report for details
6. The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	The module has its own FCC ID number. See the label for details.
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	The module meets any specific rules or operational requirements applicable to the transmitter
8. The module must comply with RF exposure requirements	The module complies with any applicable RF exposure requirements, as detailed in the instructions.

**Name:**tian qizhi

**Date:** 2023-04-21

**Title:**Manager

**Signature of applicant** *tian qizhi*