

< **Shenzhen Root Innovation Technology Co., Ltd.** >**Modular Transmitter Approval Request**

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

**Company name: Shenzhen Root Innovation Technology Co., Ltd.**  
**FCC ID: 2BENK-WLE32**

Gentlemen,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Certification Guide v04r02'. FCC ID: 2BENK-WLE32 has been examined against the following requirements.

Items to be covered by Single modular transmitters.

| <b>Requirement per 15.212 and KDB 996369 D01<br/>'Modular Certification Guide v04r02'</b>                                                                                                                                    | <b>Explanation from Grantee</b><br>(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                                | Shielding is provided by a metal cover over the circuitry.                                                                                                                        |
| 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                                                                        | All modulation and data inputs are buffered by circuitry on the transmitter chip.                                                                                                 |
| 3. The module must contain power supply regulation on the module                                                                                                                                                             | Power supply regulation is provided by circuitry on the transmitter chip.                                                                                                         |
| 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 antenna is PCB Antenna.                                                                                                                                                       |
| 5. The module must demonstrate compliance in a stand-alone configuration                                                                                                                                                     | Testing was performed in a stand-alone configuration as shown in the test setup photos.                                                                                           |
| 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 modular was labeled with its own FCC ID. The outside of device in to which the module is installed will labeled Contains TX FCC ID: 2BENK-WLE32, Please refer to User Manual. |
| 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 modular is comply with all applicable FCC rules.<br><br>Any modifications, not expressly approved by the manufacturer could void the authority to operate in these regions.   |
| 8. The module must comply with RF exposure requirements                                                                                                                                                                      | This module compliance with RF Exposure requirements, please refer to RF Exposure.                                                                                                |

**Name: Bobby Zou**

**Date: Oct. 13, 2025**

**Title: Manager**

**Signature of applicant:**

*Bobby Zou*