

## Chengdu Ebyte Electronic Technology Co., Ltd.

### Modular Transmitter Approval Request

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

**Company name:** Chengdu Ebyte Electronic Technology Co., Ltd.  
**FCC ID:** 2ALPH-E104BT05

Dear Sir/Madam,

In accordance with 47CFR 15.212 Modular Transmitters and KDB 996369 D01 'Module Equip Auth Guide v02'. FCC ID 2ALPH-E104BT05 has been examined against the following requirements.

| Requirement per 15.212 and KDB 996369 D01                                                                                                                                                                            | Explanation from Grantee<br>(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.                          | Refer to external photos.<br>This module does have shield cover total complies the requirement.                                    |
| 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 inputs to the modules are buffered logic or microprocessor inputs, total complies the requirement. Please refer to Schematics. |
| The module must contain power supply regulation on the module.                                                                                                                                                       | Module uses 3.3Vdc power, total complies the requirement, please refer to block diagram or Schematics                              |
| 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 module contain a Ceramic antenna, total complies the requirement, please refer to internal photos.                             |
| The module must demonstrate compliance in a stand-alone configuration.                                                                                                                                               | The module is connected to the controlled board when testing. Please refer to setup photos.                                        |
| The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).                                                                                     | Refer to the label                                                                                                                 |
| The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.                                                  | Refer to the user manual                                                                                                           |
| The module must comply with RF exposure requirements                                                                                                                                                                 | It's complies, please refer to the MPE report and user manual                                                                      |

**Name:** Sheng liguo

**Date:** 2021-04-16

**Title:** Manager

**Signature of applicant**

