

Guangzhou BDE Technology Inc.

PHOENIX TESTLAB GmbH
Product Certification
Königswinkel 10
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Date: 4 January 2025

Attn: Reviewing Engineer

Subject: REQUEST FOR FCC MODULAR TRANSMITTER APPROVAL
FCC ID: 2ABRU-SG13R

To Whom It May Concern:

We, (*applicant name*), hereby request ☒ a modular / ☐ limited modular approval.

In CFR47 §15.212 “Modular Transmitters” and KDB 996369 D01 “Module Equip Auth Guide” there are following eight numbered requirements defined:

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.

The modular with a shield.

2. The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with part 15 requirements under conditions of excessive data rates or over-modulation.

Yes.

3. The modular transmitter must have its own power supply regulation on the module.

The modular has an onboard 3.3V regulator.

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 §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b).

The modular only has one Antennas type which comply with the antenna requirement of Section 15.203.

5. The module must demonstrate compliance in a stand-alone configuration.

The modular was tested in a standalone configuration apart from host units.

6. The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number (KDB 784748).

The modular has its own FCC ID number.

7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements

Yes, RF cexposure evaluation performed at 20cm.

8. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.

Yes

Yours sincerely,
Signatory



[Printed Name, Position] Jacky Tian / CEO
[Company Stamp]