

Shenzhen Chuangwei-RGB Electronics Co., Ltd.  
Address: 13F-16F, Unit A, Skyworth Building, Shennan Road, Nanshan District,  
Shenzhen, China

**RE FCC ID: 2ANM3NTUDU8**

**To the certification reviewer:**

We are hereby applying for [full] modular approval of the above-referenced FCC ID,  
based on compliance with [all] of the criteria as detailed below.

Sincerely,



[signature]

[name] Dan Fang

[title] Senior Manager

**Part 15 Unlicensed Single Modular Transmitter Approval Justification per 15.212**

| <b>Requirement per 15.212</b>                                                                                                                                                        | <b>reference</b>                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| (i) The radio elements of the modular transmitter must have their own RF shielding.                                                                                                  | Shielding is provided by a metal cover over the circuitry.                                                                                 |
| (ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).                                                                                | All modulation and data inputs are buffered by circuitry on the transmitter chip MTK7638GUN.                                               |
| (iii) The modular transmitter must have its own power supply regulation.                                                                                                             | Power supply regulation is provided by DC 3.3 volts through R147 resistance and C236, C237 capacitance. Pls. refer to the circuit diagram. |
| (iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).                                                | The antenna employs a unique antenna coupler.                                                                                              |
| (v) The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with Part 15 parameters. | Testing was performed in a stand-alone configuration, as shown in the test setup photos.                                                   |

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| <p>(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. If the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.</p> | <p>A sample of the label is provided as an exhibit, showing the FCC identifier of the module.</p> |
| <p>(vii) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.</p>                           | <p>The module is compliant with all applicable FCC rules.</p>                                     |
| <p>(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.</p>                                                                                                                                                                                                                                                                 | <p>This module complies with applicable RF exposure requirements.</p>                             |