

# **Modular Approval Request FCC** (KDB 996369 D01 & Part 15.212)

FCC ID: HLERM100U

| <i>Items to be covered by <b>Single modular transmitters.</b></i>   | <i>Answer from applicant</i>  |
|---|---|
| 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.                          | Modular transmitter has their own shielding.  |
| 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.  | Chipset "R2000" have buffered modulation/data inputs ( can refer the schematics)and comply with part 15 requirements under conditions of excessive data rates or over-modulation. |
| 3. The module must contain power supply regulation on the module  | Chipset "R2000" have its own power supply regulation ( can refer the schematics)  |
| 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). | Refer to internal photo.  |
| 5.The module must demonstrate compliance in a stand-alone configuration.  | Refer to test setup photo.  |
| 6.The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748).  | Refer to label.   |
| 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.   | Refer to user manual.   |
| 8.The module must comply with RF exposure requirements.   | Refer to RF exposure report.  |

RF exposure

Note: A limited modular approval (LMA) may be granted for *single* or *split* modular transmitters that comply partially with the requirements above.

**Name and surname of applicant (or authorized representative): Ben Chiang**

**Date:** 2022-08-25

**Signature:** Ben Chiang