



CTE TECH CORP.

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

### **FCC ID: 2AS3E-CTE6256**

<b>Items to be covered by Single modular transmitters.</b>	<b>Answer from applicant</b>
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.	Our module includes a shielded RF section. All RF circuitry is covered by a metal shield to ensure electromagnetic compatibility. Physical components and tuning capacitors, if present, are mounted on the module PCB and not on the host board, complying with the modular approval requirements.
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.	The module includes internal buffering on all data and modulation input lines. This ensures that variations in host signal characteristics do not affect RF performance, and the device remains compliant with FCC Part 15 requirements regardless of input signal type.
3. The module must contain power supply regulation on the module.	The module includes onboard power supply regulation using, allowing operation over a range of input voltages from the host system. This ensures consistent RF performance and compliance with FCC Part 15 requirements.
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 module must be used with the designated antenna.
5. The module must demonstrate compliance in a stand-alone configuration.	The module was tested for FCC compliance in a stand-alone configuration, with the module mounted on an evaluation board and powered independently. All required tests were performed under this configuration, per FCC modular approval guidance.
6. The module must be labeled with its permanently affixed FCC ID label, or use an electronic display (see KDB Publication 784748)	The module label shall be permanently affixed to the host product.
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 module complies with all specific FCC rules applicable to the transmitter, including those related to frequency, power limits, and emission characteristics. Additionally, all integration instructions provided by the grantee are followed



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	to ensure continued compliance when integrated into host devices.
8. The module must comply with RF exposure requirements.	FCC CFR Title 47 Part 2. 1091 Radiofrequency radiation exposure Evaluation: mobile devices.

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): Weber Chen

Date: 25 June 2025

Signature: 