

PHOENIX TESTLAB GmbH
Product Certification
Königswinkel 10
D 32825 Blomberg



Subject: REQUEST FOR FCC MODULAR TRANSMITTER APPROVAL
FCC ID: L52CT-M7CEO1

To Whom It May Concern:

The Grantee CeoTronics AG hereby requests ☐ 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.

This requirement is fulfilled – please refer to external photo exhibit.

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.

This requirement is fulfilled – please refer to Block Diagram & Schematics

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

This requirement is fulfilled – please refer to Block Diagram & 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).

This request is fulfilled – there are two inverted F-type PCB antennas. The two UFL-antenna connectors on the bottom side of the PCBs will not be used/mounted at all.

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

This request is fulfilled – please refer to test report and testsetup photo.

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).

This request is fulfilled – please refer to label location exhibit.


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.

The Grantee declares that this device will exclusively be integrated by the Grantee himself into his own host devices and not be marketed to any 3rd party. Therefore, a reduced Integration Manual is submitted for the certification process and Limited Modular Approval applied.

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

This request is fulfilled for integration into fixed or mobile categorized host devices. For usage inside portable host devices appropriate RF exposure compliance (SAR) and equipment authorization procedures need to be applied.

Yours sincerely,


PHOENIX TESTLAB GmbH
Graduated Approval Engineer
International Type Approval