

ICP Electronics Inc.

4F, No. 22, Chung-Hsing Rd., Shi-Chi City, Taipei Hsien 221, Taiwan, R.O.C.

Company name: ICP Electronics Inc.

FCC ID: RFHWUG2700

Request for transmitter modular approval

Transmitter Module Characteristics

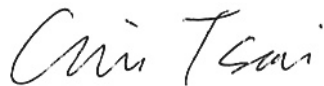
Item	Requirements	EUT
1.	The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.	Device is equipped with Metal shielding to cover RF section. Refer to external photos.
2.	The modular 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.	All inputs to the modules are buffered through logic or microprocessor inputs.
3.	The modular transmitter must have its own power supply regulation.	The transmitter has its own power supply regulator.
4.	The modular transmitter must comply with the antenna and transmission system requirements of Sections 15.203, 15.204(b) and 15.204(c). The antenna must either be permanently attached or employ a “unique” antenna coupler (at all connections between the module and the antenna, including the cable). The “professional installation” provision of Section 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section.	Device is equipped with unique antenna (u.FL(v)- LP-040) connector. Refer to external photos. Antenna Gain: 5dBi / 2dBi. It’ s including cable loss)
5.	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 requirements. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in Section 15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module (see Section 15.27(a)). The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and	EUT was tested inside of a PC. (Brand name: iEi; Model: ECK-3699G series)

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	supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available (see Section 15.31(i)).	
6.	The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	Two proposed FCC ID label format are included in the filing. One label is to be placed on the module and the other label is to be placed on the outside of system. Refer to FCC ID label format and location file.
7.	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.	Refer to "User' s Guide" Exhibit
8.	The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Transmitter meets MPE calculations of 47 CFR 1.1307(b)(1). Refer to MPE sections of test reports

Sincerely,



Evin Tsai / Supervisor

ICP Electronics Inc.