Declaration of the Modular Approval

Applicant / Grantee	**Riotec Co. Ltd. /V3D**
FCC ID:	**V3DR8002**
Model:	**R8002**

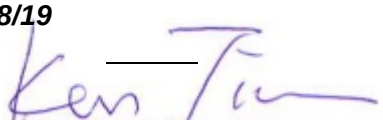
The single module transmitter has been evaluated then tested meeting the requirements under Part 15C Section 2.12 as below:

Modular approval requirement	EUT Condition	Comply
(a) 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.	The module contains a metal shield which covers all RF components and circuitry; this shield is located on the top side of the board located next to the antenna connectors.	Yes
(b) 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.	Data to the modulation circuit is buffered on the module; please refer to the "theory of operation" document filed with this application for full description.	Yes
(c) The modular transmitter must have its own power supply regulation.	The module contains its own power supply regulation and the rf reference oscillator is contained within the module. Please refer to the schematics and "theory of operation" documents filed with this application for full description.	Yes
(d) 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.	The module connects to its antenna no use connector. The antenna tested was a PCB type and the data sheet is included in the application.	Yes

(e) 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 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)) must not be inside another device during testing.	Test data contained in this application is for the device tested as a stand-alone device connected externally to a PC. See test set-up photographs filed with this application.	Yes
(f) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.	The module is appropriately labeled (refer to the label and label location drawings contained within this application). Information to the integrator of this device regarding the labeling requirements for the host system is contained in the instructions provided with the module.	Yes
(g) 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 requirements, which are based on the intended use/configurations.	YES	Yes

(h) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	The EUT is comply with RF exposure requirement. RF exposure is addressed in the User Manual.	Yes

Dated 2022/8/19

By:  ***Ken Tian / Director***

Signature ***Printed***