

## **King Golden Ltd. (Speed passion)**

Flat D, 8/F., Wing Hin Factory Bldg 31-33 Ng Fong Street, Sam Po Kong

(i) 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.

Answer: The EUT meets this requirement, please see External Photos exhibit

(ii) 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.

Answer: The EUT has buffered data inputs, it is integrated in chip U17(SST39VF400A)

(iii) The modular transmitter must have its own power supply regulation.

Answer: The EUT has its own power supply. it is integrated in chip U6(RT8009) and U8 (RP1202-33V)

(iv) 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 EUT meets the antenna requirements. It is is PCB antenna with IPX connector. Refer to the photo shown in test report.

The EUT’s antenna and the board are approved together.

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(v) 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)).

Answer: The EUT is tested in a stand alone configuration via a extender. Please see the test setup photo exhibit.

There is no ferrite on the EUT and during the testing.

The conducted emissions are done. Please see page 11 and 12 of test report.

(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.

Answer: The EUT has own FCC ID label. A label and label location exhibits provided.

(vii) 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.

Answer: the EUT meets this requirement. And please also refer to the user manual for the details.

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

Answer: the EUT meets this requirement. A RF exposure exhibit provided.

Yours sincerely,

Printed Signature: Mirror Cheuk

Signature: 

Company Name: King Golden Ltd. (Speed passion)