

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

FCC ID : RX3-WFU032

<i>Items to be covered by Single modular transmitters.</i>	<i>Answer from applicant</i>
1. The modular transmitter must have its own RF shielding.	The module has been shielded.
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.	The module has buffered data input, it is integrated in chip MT7603U
3. The modular transmitter must have its own power supply regulation.	The module has power supply regulation; it is integrated in chip MT7603U.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(b)(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).	2 RF connectors for 2 external antennas. The module will be sold together with the antenna shown in the filing.
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing. This is intended to demonstrate that the module is capable of complying with Part 15 emission limits regardless of the device into which it is eventually installed.	The module was tested in a stand-alone configuration via a test kit. Please see section photographs of test configuration in the test report.
6. The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number in accordance with 15.212 (a)(1)(vi)(A) / (B).	The EUT has a label showing the FCC ID:RX3-WFUR032 of this module. Module’s user guide has instructions to the OEM of the end device containing the EUT on how to label the end product with module FCC ID:RX3-WFUR032.
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. A copy of these instructions must be included in the application for equipment authorization. For example, there are very strict operational and timing requirements that must be met before a transmitter is authorized for operation under Section 15.231. For instance, data transmission is prohibited, except for operation under Section 15.231(e), in which case there are separate field strength level and timing requirements. Compliance with these requirements must be assured.	The EUT is compliant with all applicable FCC rules. Details instructions for maintaining compliance are given in the module user guide.
8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 1.1310, 2.1091, 2.1093, and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance. Modular transmitters approved under other Sections of Part 15, when necessary, may also need to address certain RF Exposure concerns, typically by providing specific installation and operating instructions for users, installers and other interested parties to ensure compliance.	The EUT is compliant with RF exposure requirement. RF exposure is addressed in the exposure exhibition.

Name and surname of applicant (or authorized representative): Cathy Kuo

Date: March 27, 2017

Signature: Cathy Kuo