



Date (21/10/2016)

TUV SUD BABT TCB
Octagon House,
Segensworth Road,
Fareham,
Hampshire,
PO15 5RL

Modular Approval Request

FCC ID: UP2AWA24R

The following attestation addresses the requirements to support modular approval:

Modular approval requirement	Yes (provide brief statement)	No *
(a) 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	The module contains metal shield over the transmitter section to ensure that it does not have to rely upon shielding provided by the device into which it is installed and to prevent coupling into which the device will be installed	
(b) The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal	Data to the modulation circuit is buffered on the module via the Wireless integrated circuit. Refer to the information regarding the on-board Serial Bus(SPI) provided with the file "Data Sheet that details the theory of operation	
(c) The module must contain power supply regulation on the module	Power supply regulation is provided within the Wireless integrated circuit that regulates the control voltage to the RF and data circuitry.	

	The maximum allowable voltage that can be used in the chip is 2.7VDC – 3.6VDC. The variable input voltage is therefore a voltage regulator	
(d) 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 Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	The module uses a mini coaxial connector U.FL for adaptation of an external antenna. The Antenna details are available in Attached Test Report	
(e) The module must demonstrate compliance in a stand-alone configuration	Module was tested in stand-alone configuration and meet all compliance requirements	
(f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	The module itself is appropriately labelled with its own FCC ID. When the module is installed inside another device or in a casing, the exterior label will refer to the enclosed module and its FCC ID. Refer to the label location and drawings contained within this application. The User Manual contain specific references for exterior end product label requirements, including the use of the wording “Contains Transmitter Module FCC ID	
(g) The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements	Module was tested in stand-alone configuration. Module documentation i.e. user manual, datasheet	



	describes all compliance related requirements.	
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Modular approval requirement	Yes (provide brief statement)	No *
(h) The module must comply with RF exposure requirements	The module meets the requirements for a portable device as per FCC RF exposure requirements and requires a separation distances of 20cm between the radiating structure and human as reflected in the module's User Manual.	

* Please provide a detailed explanation if the answer is "No."

Yours sincerely,

Name: Min Xie, Authorize Agent
Title: Project Engineer