Modular Approval Request Letter

Applicant: Guangzhou Shikun Electronics Co., Ltd

Product Name: IEEE 802.11a/b/g/n 2T2R USB Wi-Fi Module

Model No.: SKI.WB7638U.1_MT7638BU

FCC ID: 2AR82-SKIWB7638U1

The single module transmitter has been evaluated then tested meeting the requirements under Part 15C Section 212 as below:

Modular approval requirement	EUT Condition	Comply
The radio elements of the modular transmitter must have their	The EUT provides the RF shielding. See EUT	
own shielding. The physical crystal and tuning capacitors may	photo	Yes
be located external to the shielded radio elements.		
The modular transmitter must have buffered modulation/data	The module has buffered modulation,	
inputs (if such inputs are provided) to ensure that the module	please see the Schematic Diagram.	Yes
will comply with part 15 requirements under conditions of		res
excessive data rates or over-modulation.		
The modular transmitter must have its own power supply	The EUT has its own power supply	
regulation.	regulation, please see the Schematic	Yes
	Diagram.	
The modular transmitter must comply with the antenna and	The EUT meets the FCC antenna	
transmission system requirements of Sections 15.203,	requirements, unique antenna connector	
15.204(b) and 15.204(c). The antenna must either be	and photo of antenna are shown in the test	
permanently attached or employ a "unique" antenna coupler	report.	Yes
(at all connections between the module and the antenna,		res
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.		

Guangzhou Shikun Electronics Co., Ltd

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 modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. 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 The modular transmitter must comply with any applicable RF exposure requirements in its final configuration. The Module is approved to comply with the application for equipment authorization requirements, which are based on the intended use/configuration.			1
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Date: 2022-08-31