



3F, 215, Dehe Road, Yonghe Dist. New Taipei City 234, Taiwan
Tel : (886)229213598 Fax: (886)229214445

Declaration of the Modular Approval

Applicant / Grantee	AsiaRF Co., Ltd.
FCC ID:	TKZAWM003
Model:	AWM003

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


Modular approval requirement	Yes	No
(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.		There is no shielded case on EUT, so this is a LMA submission with the specific host.
(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.	V (Chipset "RT5350" have buffered modulation/data inputs, can refer the Schematics)	
(c) The modular transmitter must have its own power supply regulation.	V (Chipset "RT5350" have own power supply, can refer the Schematics)	
(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.	V (The antenna port is reverse SMA, can refer the internal photo)	

For and on behalf of
AsiaRF Co., Ltd.

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Authorized Signature(s)

Modular approval requirement	Yes	No
<p>(e) The modular transmitter must be tested in a stand-alone configuration, <i>i.e.</i>, 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.</p>		<p>According to KDB 996369 D01, because there is no shielded case on the module, the specific host (Product Name: WIFI CONTROL BOX; Model Number: WCB001) is used for evaluation. Please refer to Setup Photo.</p>
<p>(f) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.</p>	V	
<p>(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.</p>	V	
<p>(h) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.</p>	V (This modular only can comply with mobile RF exposure)	

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 Authorized Signature(s)

Signature: Paul Lai, General Manager
Date: 2017-10-28