



Modular Approval Request Letter

Date: July 29, 2024

Subject: Modular Approval Attestation

FCC ID: TLZ-HM610

Dear Reviewer,

We, AzureWave Technologies, Inc., would request IEEE 802.11ah Wireless LAN Module approved under single module approval authorization. The requirements regulated in 47 CFR 15.212 have been fulfilled and clearly explained below.

Modular Checklist/Information		Yes/No
☒	(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. The shielding of the radio portion can be demonstrated in exhibition External Photo.	Yes
☒	(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. Buffered data inputs stage has been integrated in chip NRC7394.	Yes
☒	(iii) The modular transmitter must have its own power supply regulation. The part number of the power regulator is NRC7394.	Yes
☒	(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 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 § 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph (b) of this section. The requirements of antenna connector and spurious emission have been fulfilled. Please reference the exhibition Test Report.	Yes
☒	(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 § 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 § 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 § 15.31(i)). Please reference exhibition Test Configuration Photo for the stand-alone test configuration.	Yes
☒	(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. The instruction on the labeling rule of the end product has been stated in the user	Yes

	manual of this module. Please also see the exhibition Label Sample.	
☒	(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.	Yes
	The required FCC rule has been fulfilled and all the instructions for maintaining compliance have been clearly stated in the Users Manual.	
☒	(viii) Radio frequency devices operating under the provisions of this part are subject to the radio frequency radiation exposure requirements specified in §§ 1.1307(b), 1.1310, 2.1091, and 2.1093 of this chapter, as appropriate. Applications for equipment authorization of modular transmitters under this section must contain a statement confirming compliance with these requirements. The modular transmitter must comply with any applicable RF exposure requirements in its final configuration. Technical information showing the basis for this statement must be submitted to the Commission upon request.	Yes
	Please refer exhibition RF Exposure for the compliance of MPE RF exposure rule.	

Please do not hesitate to contact me for any questions of this request letter. Thank you.

Applicant : AzureWave Technologies, Inc.

Address : 8F., No. 94, Baozhong Rd., Xindian Dist., New Taipei City 23144, Taiwan

Signature :



Name and Job Title. : Patrick Lin, Director

E-mail : patrick.lin@azurewave.com

Tel. : 02-55995599