Federal Communication Commission Equipment Authorization Division, Application Processing Branch 7435 Oakland Mills Road Columbia, MD 21048

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Attn: Office of Engineering and Technology Subject: Attestation Letter regarding UNII devices

FCC ID: 2AGM4-WUS13

Software security questions and answers per KDB 594280 D02:

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	Software Security description – General Description				
1	Describe how any software/firmware update will	The user cannot download			
	be obtained, downloaded, and installed. Software	software/firmware, because the			
	that is accessed through manufacturer's website	software upgrade is not support for			
	or device's management system, must describe	the end user.			
	the different levels of security.				
2	Describe all the radio frequency parameters that	The radio frequency parameter store			
	are modified by any software/firmware without	in non-volatile memory (EPROM)			
	any hardware changes. Are these parameters in	and it cannot be modified by end			
	some way limited, such that, it will not exceed	user except our professional service			
	the authorized parameters?	engineer used special tools and			
		drivers.			
3	Describe in detail the authentication protocols	The devices radio frequencies were			
	that are in place to ensure that the source of the	controlled by the radio frequency			
	software/firmware is legitimate. Describe in	parameter which store in			
	detail how the software is protected against	non-volatile memory (EPROM). If			
	modification	the radio frequency parameter			
		missing the radio frequencies will			
		not working anymore. And the			
		radio frequency parameter needs			
		special tools and drivers to re-flesh.			
4	Describe in detail the verification protocols in	The user cannot download			
	place to ensure that installed software/firmware is	software/firmware, because the			
	legitimate	software upgrade is not support for			
		the end user.			
5	Describe in detail the verification protocols in	The radio frequency parameter was			
	place to ensure that installed software/firmware is	produced by special software after			
	legitimate	calibrated. And the radio frequency			
		parameter packed encrypts used			
		Message Digest Algorithm MD5			

		method.					
6	For a device that can be configured as a master and client (with active or passive scanning), explain how the device ensures compliance for each mode? In particular if the device acts as master in some band of operation and client in another; how is compliance ensured in each band	The radio frequency parameter was produced by special software after calibrated. And the radio frequency parameter packed encrypts used Message Digest Algorithm MD5 method.					
	of operation?						
	Software Security description – Third-Party Access Control						
1	Explain if any third parties have the capability to operate a US sold device on any other regulatory domain, frequencies, or in any manner that is in violation of the certification.	No, there is no body can re-flash the radio frequency parameter except our-self.					
2	Describe, if the device permits third-party software or firmware installation, what mechanisms are provided by the manufacturer to permit integration of such functions while ensuring that the RF parameters of the device cannot be operated outside its authorization for operation in the U.S. In the description include what controls and/or agreements are in place with providers of third-party functionality to ensure the devices' underlying RF parameters are unchanged and how the manufacturer verifies the functionality.	The user cannot download software/firmware, because the software upgrade is not support for the end user and third parties.					
3	For Certified Transmitter modular devices, describe how the module grantee ensures that host manufacturers fully comply with these software security requirements for U-NII devices. If the module is controlled through driver software loaded in the host, describe how the drivers are controlled and managed such that the modular transmitter RF parameters are not modified outside the grant of authorization.	Our devices software drive was design by our company, and will not public to end user.					
	Software Security description – USER CON	NFIGURATION GUID					
1	Describe the user configurations permitted through the UI. If different levels of access are permitted for professional installers, system integrators or end-users, describe the differences. a. What parameters are viewable and configurable by different parties?	The UI for the end user only can selected the channel list during operating, and these channel lists are authorized in US/ Canada. The end user only authorized tune on/off radios,					
		and 2.4G band 5G band mode selection and channel numbers which authorized in					

			US/Canada.
		limited, so that the installers will not enter parameters that exceed those authorized?	The professional installer only install the module driver and operating software, Cannot change the transmit parameters.
		What configuration options are available to he end-user?	The end user can not accessible or modifiable any radio frequency parameters.
	i	Are the parameters in some way limited, so that the installers will not enter parameters that exceed those authorized?	The parameters can only be changed remotely within the limits of country code US.
	i	i. What controls exist that the user cannot operate the device outside its authorization in the U.S.?	The country code and regulatory domain control do limit all the parameters set
		s the country code factory set? Can it be hanged in the UI?	No, there is no country code in factory set, the radio frequency parameter of this device is for in US/Canada use only, and the end user cannot change it.
	i	If so, what controls exist to ensure that the device can only operate within its authorization in the U.S.?	It cannot be changed.
		What are the default parameters when the levice is restarted?	At each boot up the country code and the antenna gain are read from the non-volatile memory, those values are configured during module production.
2	mod Furtl	the radio be configured in bridge or mesh e? If yes, an attestation may be required. ner information is available in KDB ication 905462 D02.	No, this devices cannot be configured in bridge or mesh mode.
3	and of this i	device that can be configured as a master client (with active or passive scanning), if a user configurable, describe what controls , within the UI, to ensure compliance for	This device was designed only as a client without radar detection function. There for the end user cannot configure this device in the

	each mode. If the device acts as a master in some	end user UI.
	bands and client in others, how is this configured	
	to ensure compliance?	
4	For a device that can be configured as different	No, it cannot configured as a AP.
	types of access points, such as point-to-point or	
	point-to-multipoint, and use different types of	
	antennas, describe what controls exist to ensure	
	compliance with applicable limits and the proper	
	antenna is used for each mode of operation. See	
	Section 15.407(a).	

Sincerely

(signed)

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