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UNII Device Declaration Letter

TO WHOM IT MAY CONCERN,

We have declared below featured for FCC equipment authorization,
Device FCC ID: 2AUXS-AIVIP33A0

- (1) DFS Device: Master Client with Radar detection capability
- N/A Client without radar detection capability,

- (2) Active / Passive Scanning , adhoc mode access point capability

Frequency Band (MHz)	Active Scanning (the device can transmit a probe (beacon))		passive scanning (where the device is can listen only with no probes)		Ad Hoc Mode capability		Access point capability	
	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2412-2462	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
5745-5825	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
5755-5795	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
5180-5240	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
5190-5230	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
5260-5320	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5270-5310	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5500-5700	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5510-5670	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Note: Settings above (Active Scanning, Access point capability) are valid if geo-location US or Canada is set. They may deviate if other geo-location is set based on geo-location information from navigation services.



- (3) Country code selection ability Yes No

If no, pls explain how it was implemented:

System starts in World Safe Mode (Channels 1-11 only) or starts with the country code from last power cycle ("last mode").

The system then uses its onboard navigation services or mobile country code (MCC) from telematics control unit (if available) to determine the current location and reconfigures the regulatory domain.

Channels 12 and 13 are disabled in any case.

In case of a failure in determining the location information the system operates with the current regulatory domain for a maximum of 60 minutes and falls back to the world safe mode (if there continues a problem in identifying the current geographic location). The timeout of 60minutes elapses even if the target is restarted. The system does not trust the 802.11D information broadcasted from the external access point even during an active connection with it. The end user does not have the possibility of configuring the regulatory domain.

- (4) Meet 15.202 requirement Yes No

pls check below :

A master device is defined as a device operating in a mode in which it has the capability to transmit without receiving an enabling signal. In this mode it is able to select a channel and initiate a network by sending enabling signals to other devices

A client device is defined as a device operating in a mode in which the transmissions of the device are under control of the master. A device in client mode is not able to initiate a network.

- (5) For client devices that have software configuration control to operate in different modes (active scanning in some and passive scanning in others) in different bands (devices with multiple equipment classes or those that operate on non-DFS frequencies) or modular devices which configure the modes of operations through software, the application must provide software and operations description on how the software and / or hardware is implemented to ensure that proper operations modes cannot be modified by end user or an installer.

Apply Does not apply

(If apply, pls help to provide explanation on it was implement, and how software was controlled)

User has no access to parameters to be relevant for country approval. In client mode, the Frequency band (2.4 / 5Ghz) is based on the external access point which the user is requesting for a connection. In master mode, the user selects either 2.4 or 5 GHz for AP operation (system picks a legal channel from the selected band in the current regulatory domain)



Yours sincerely

09. April 2020

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i.V.

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