RESINIO ltd

Date: June 25th 2018

UNII Device Declaration Letter

To whom it may concern,

We have declared below featured for FCC equipment authorization, Device
FCC ID:

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

(2)   Active / Passive Scanning, ad-hoc 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 or WIFI Direct capability		Access point capability	
5150-5250	X Yes	☐ No	X Yes	☐ No	☐ Yes	X No	X Yes	☐ No
5250-5350	X Yes	☐ No	X Yes	☐ No	☐ Yes	X No	☐ Yes	X No
5470-5725	X Yes	☐ No	X Yes	☐ No	☐ Yes	X No	☐ Yes	X No
5725-5850	X Yes	☐ No	X Yes	☐ No	☐ Yes	X No	X Yes	☐ No

(3)   X Yes, ☐ No -- The client software and associated drivers will not initiate any transmission on DFS frequencies without initiation by a master. This includes restriction on transmissions for beacons and support for ad-hoc peer-to- peer modes

(4)   Meet 15.202 requirement - X Yes, ☐ No,

Please check below:

X 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.

X 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)   Country code selection ability - **X** Yes, ☐ No

If yes, please explain how it was implemented: (please also help to provide detail of options for each country selection)

Country code selection is allowed via standard linux wireless configuration (configuration file)

(6)   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.

   X Apply, ☐ Not Apply, (If apply, please help to provide explanation on it was implement, and how software was controlled)

resinOS, resin.io own linux operating system, exposes a configuration standard via the NetworkManager and hcitool linux stack. The device will process entered parameters in the context of the active regulatory domain profile, which should match the country the device is operating in. Illegal parameters configuration attempt will result in the NetworkManager and / or hcitool stack to refuse to apply those parameters to the RF

Sincerely yours,

Client's signature :

Client's name & title :   Carlo Maria Curinga, Director of Technology Operations, Europe
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